पेटेंट कार्यालय
का
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. **15/2012**	शुक्रवार	दिनांक: 13/04/2012
ISSUE NO. 15/2012	**FRIDAY**	**DATE:** 13/04/2012

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(**CHAITANYA PRASAD**)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

13th April, 2012

CONTENTS

THE PATENT OFFICE
KOLKATA, 13/04/2012
Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

<table>
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Mumbai – 400 037

Phone: (91)(22) 24123311,
Fax : (91)(22) 24123322
E-mail: cgpdtm@nic.in</td>
<td>4</td>
<td>The Patent Office,
Government of India,
Intellectual Property Rights Building,
G.S.T. Road, Guindy,
Chennai – 600 032.

Phone: (91)(44) 2250 2081-84
Fax : (91)(44) 2250 2066
E-mail: chennai-patent@nic.in
❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</td>
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<td>2</td>
<td>The Patent Office,
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Mumbai – 400 037
Phone: (91)(22) 24137701
Fax: (91)(22) 24130387
E-mail: mumbai-patent@nic.in
❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</td>
<td rowspan="2">5</td>
<td rowspan="2">The Patent Office (Head Office),
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Boudhik Sampada Bhavan,
CP-2, Sector –V, Salt Lake City,
Kolkata- 700 091

Phone: (91)(33) 2367 1943/44/45/46/87
Fax: (91)(33) 2367 1988
E-Mail: kolkata-patent@nic.in

❖ Rest of India</td>
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Boudhik Sampada Bhavan,
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New Delhi – 110075
Phone: (91)(11) 2808 1921 – 25
Fax: (91)(11) 2808 1920 & 2808 1940
E.mail: delhi-patent@nic.in
❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</td>
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Website: www.ipindia.nic.in
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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय
कोलकाता, दिनांक 13/04/2012
कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेन्ट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए हैं :-

1	कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: cgpdtm@nic.in	4	पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप
2	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.	5	पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: delhi-patent@nic.in ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

वेबसाइट: http://www.ipindia.nic.in
www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

शुल्क: शुल्क या तो नकद रूप में या "Controller of Patents" के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित हैं।

SPECIAL NOTICE

18 Months publication as required under Section 11A of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005.

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

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(**CHAITANYA PRASAD**)
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SPECIAL NOTICE

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18th months , grant of patents & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules thereunder on weekly basis on every **Friday**.

The Journal is uploaded in the website every Friday. So Paper form and CD-ROM form of the Journal are discontinued from 01/01/2009.

SPECIAL NOTICE

Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is there is no third party representation.

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.176/DEL/2012 A

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 13/04/2012

(54) Title of the invention : PIPE COUPLING WITH WINDOW METHOD.

(51) International classification	:B60D	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)DEREK KAI YU WU**
(32) Priority Date	:NA	Address of Applicant :UNIT F, 9/F, WAH LIK INDUSTRIAL
(33) Name of priority country	:NA	CENTRE, 459-469 CASTLE PEAK ROAD, TSUEN WAN, NT
(86) International Application No	:NA	HONG KONG (China)
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	:NA	**1)DEREK KAI YU WU**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pipe coupling comprises a body having an open end adapted to receive therein an end of a pipe. In a wall of the body is a window through which an end of a pipe inserted into the end of the body can be viewed. A connector system seals and holds the pipe in position when inserted into the open end.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2010

(21) Application No.2252/DEL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : NEEDLE TIP GUARD FOR INTRAVENOUS CATHETER ASSEMBLY

(51) International classification :A61M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)POLY MEDICURE LIMITED
Address of Applicant :PLOT NO. 105, SECTOR 59, HSIIDC INDUSTRIAL AREA, FARIDABAD, HARYANA - 121 004, INDIA,
(72)**Name of Inventor :**
1)BAID, RISHI

(57) Abstract :
The present invention relates to a needle tip guard for medical device. More particularly, present invention relates to a needle tip guard for an intravenous catheter assembly.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2010

(21) Application No.2253/DEL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : I.V. CATHETER ASSEMBLY WITH IMPROVED SAFETY MEANS

(51) International classification :A61M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)POLY MEDICURE LIMITED
Address of Applicant :PLOT NO. 105, SECTOR 59, HSIIDC INDUSTRIAL AREA, FARIDABAD, HARYANA - 121 004, INDIA,
(72)**Name of Inventor :**
1)BAID, RISHI

(57) Abstract :
The present invention relates in general to the intravenous catheter apparatus assembly. More particularly, the present invention relates to a catheter assembly with improved safety means that automatically covers the sharp tip of the needle after withdrawal of the needle from the catheter and catheter hub.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2011

(21) Application No.10133/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD FOR MANUFACTURING COMPOSITE CONNECTING RODS, AND CONNECTING RODS PRODUCED ACCORDING TO THE METHOD

(51) International classification :B29C 70/86
(31) Priority Document No :09163904.7
(32) Priority Date :26/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/059062
Filing Date :25/06/2010
(87) International Publication No :WO 2010/149768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BD INVENT SA
Address of Applicant :RUE BOYOU 46, B-4682 HEURE-LE-ROMAIN (OUPEYE), BELGIUM
(72)**Name of Inventor :**
1)BOVEROUX, BENOIT
2)DARDENNE, DANIEL

(57) Abstract :
The present invention relates to a method for manufacturing a connecting rod comprising at least the following consecutive steps: a) manufacturing an inner body (18); b) adding one end of the inner body (18) to the end of the reduced outer diameter of each end piece (5), said end of the inner body (18) resting on the shoulder (6) of the end piece; c) inserting a first portion (19a) of a second mandrel (19) in the hollow cylindrical portion (1) of each end piece and placing a driving bit (20) at the free end of a second portion (19b) of the second mandrel (19); d) winding said pre-impregnated fibres (16) onto the outer surface of an assembly consisting of the inner body (18), the end piece(s) (1, 3, 4) and the second part(s) (19b) of the second mandrel(s) (19) which are free of bits (20), said fibres (16) then forming an outer body (21); e) after removing the bit(s) (20), polymerising the inner body (18) and the outer body (21) to form a polymerised integral body (22); f) removing the second mandrel(s) (19) and cutting the polymerised integral body (22) to the required length. Figure: 18

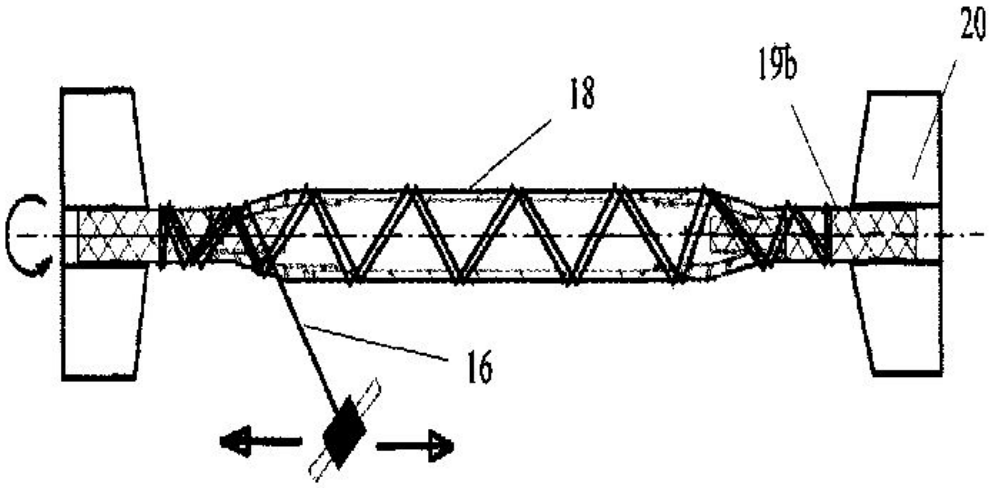

FIG.18

No. of Pages : 36 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/04/2011

(21) Application No.1145/DEL/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN AUTOMATIC PLANT AND METHOD FOR BATTERY BREAKING AND MATERIAL SEPARATION.

(51) International classification :B26B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEV DUTT SHARMA
Address of Applicant :A-7, SECTOR 61, NOIDA, Uttar Pradesh India
(72)**Name of Inventor :**
1)DEV DUTT SHARMA

(57) Abstract :
The present invention provides a battery breaking plant and the process for the breaking of the batteries and the parts of the batteries which consist of: l)a feeder conveyer, an output conveyer no 1for carrying the shaved Battery Lid from top, an output conveyer no 2 for carrying Lid of battery after cutting from Battery ; and a conveyer no 3 for carrying strap part of battery and a part separator for collecting remaining part of Battery ;a Lid Crusher Machine connected to conveyor No.1 & No.2 which is further connected to Floatation Tank cum Crushed Lid Plastic Washing Machine ,a Conveyer no 4 and 5 for conveying Plastic parts, A PART SEPARATOR MACHINE with conveyer no 7 ;A Container Crushing Machine connected with by conveyor No.7 ; A Plastic crusher to cut battery container into the small pieces after crushing and a recycler to make Battery Container again; a Conveyor-8 and a Plate crushing Machine for carrying Battery Plates, separators, Conveyor No.9 to send Lead Parts to relevant places conveyor-10 for transporting Separated Parts to the relevant places transported through Conveyor-11; Smelting plant through its loading conveyor and a hot air blowing Oven with automatic control Panels so that it can be directly loaded to the Smelting Plant; this invention also provides the use of the said plant for recovering the battery parts.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2011

(21) Application No.3222/DEL/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : TO RUN A VEHICLE WITHOUT ANY RUNNING COST WITH THE HELP OF AUTOMATIC CHANGING METHOD.

(51) International classification :B60D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)G.N.K.TOMAR
Address of Applicant :B-3, DELHI POLICE SOCIETY, SEC-32 POCKET-PI, GREATER NOIDA, G.B. NAGAR, Uttar Pradesh India
(72)**Name of Inventor :**
1)G.N.K.TOMAR

(57) Abstract :
We invent a new technique by which any vehicle can run without any running cost with the help of Automatic Charging Method. By this technique any vehicle can run without any running cost and this is fully Safe, convenient and pollution free also.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/02/2012

(21) Application No.436/DEL/2012 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SIMULTANEOUS CHARGING OF THE AUTOMOBILE BATTERIES.

(51) International classification	:A61N	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)HARMEET SINGH**
(32) Priority Date	:NA	Address of Applicant :564/21, GURU NANAK NAGAR,
(33) Name of priority country	:NA	ALAMBAGH, LUCKNOW, U.P. Delhi India
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)HARMEET SINGH**
(87) International Publication No	: NA	**2)INDRASIS MITRA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
This design of the charging mechanism of the electric vehicle enables simultaneous charging of the batteries. With the help of an efficient dynamo set up enough power can be generated to charge the Ion-Lithium batteries. This electric energy generated is used to charge batteries placed in two sets. With help of sensors a circuit has been designed that will channelize the power to charge one particular set of battery while the other will be engaged in driving the motor. Sensor placed near the batteries will automatically switch the power from dynamo to the discharged set of battery. Thus with the help of this technology we can drive an electric vehicle for a longer duration. The simultaneous charging of the batteries in the operative mode of the vehicle is a unique technology suitably designed to empower the conventional electric vehicle.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/02/2012

(21) Application No.437/DEL/2012 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A UNIQUE DESIGN OF A VEHICLE FOR HANDICAP PEOPLE.

(51) International classification :B60D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HARMEET SINGH
Address of Applicant :564/21, GURU NANAK NAGAR, ALAMBAGH, LUCKNOW, U.P. Delhi India
(72)**Name of Inventor :**
1)UTKARSH SINGH
2)LAXMI KANT MISHRA
3)HARMEET SINGH

(57) Abstract :
In this unique vehicle for the handicap people the hatch on the rear side of the vehicle opens and a withdrawable ramp is provided. On this ramp wheelchair of the disabled can roll inside the vehicle. There is no front seat in the vehicle, this empty space will be taken up by the wheelchair and a horizontal driving bar on which the acceleration and braking controls are provided can be easily used by the disabled person to drive the vehicle. It is an electric vehicle, thus development of such type vehicle will definitely contribute to the reduction in the pollution. Moreover it is a very economical vehicle, and free from any complex circuitry this provides the benefit of maintenance. Development of such type vehicle will definitely be of immense help to the disabled people. Using this vehicle they can easily perform their daily activities like that of shopping, visiting somebody etc.... This vehicle will provide a sense of freedom and independence to the disabled, and will make them capable enough to take care of their needs themselves without the help of anybody else.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2012

(21) Application No.533/DEL/2012 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SUBHAA.

(51) International classification :B64G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIDDHARTH VASHISTH
Address of Applicant :H.NO. C-204, HSIIDC, APPT. SECTOR-31, GURGAON, Haryana India
(72)**Name of Inventor :**
1)SIDDHARTH VASHISTH

(57) Abstract :
THERE IS ALTERNATIVE SOLUTION PAPERS FOR THE NOTEBOOK ,BOOKS, PEN ,PENCIL,RUBBER,NEWSPAPERS. THERE WILL BE NO MORE CUTTING TREES FOR PAPER INDUSTRY. THERE IS A DEVICE WITH HAVING NEW SOFTWARE WHICH RESULT INTO A PAINT TYPE PROGARM IN WHICH WE CAN WRITE LIKE HAND WRITING ,S0 THERE IS NO PAPER LOSE. THERE IS HARDWARE CHANGE IN MOUSE PEN TO WORK LIKE A PEN AS IT MOVE OR ROLL UPON THE DEVICES SCREEN.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2011

(21) Application No.674/DEL/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A DENTAL WATER JET

(51) International classification :A61B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DR. SUDHANSHU KANSAL

(57) Abstract :
The present invention provides an apparatus 1000 for providing oral hygiene. The apparatus 1000 includes a compartment 100 which is adapted to store a cleaning fluid 20 in a pressurized state. The compartment 100 is having a pressure sustaining mechanism 500 which is manually operated, and is capable of maintaining the cleaning fluid 20 in the pressurized state. Further, the apparatus 1000 includes a detachable delivery assembly 200 which is operationally coupled to the compartment 100. The detachable delivery assembly 200 is capable of being operated by a user for controllably ejecting the pressurized cleaning fluid 39 at a high velocity from the compartment 100. The ejected cleaning fluid 39 is capable of being used by the user for providing oral hygiene.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2012

(21) Application No.471/DEL/2012 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : IMIDAZOLE DERIVATIVES AS AN ANTICANCER AGENT.

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DR. NITIN KUMAR
2)DR. SUSHMA DRABU
3)DR. ASIF HUSAIN
4)MR. HIMANSHU GUPTA

(57) Abstract :
Compound of the formula (I), in which R, R and R have the meanings in claim 1, are synthesized and they are showing good anticancer activity specifically on ovarian cancer (IGROVl), leukemia (CCRF-CEM & RPMI-8226) cancer, melanoma cancer (UACC-62) and CNS cancer (SF-295 8c SNB-75) cell line.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2012

(21) Application No.479/MUM/2012 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AUTO TDS CONTROL SYSTEM.

(51) International classification :C02F1/58
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DESHMUKH SACHIN BALASAHEB

(57) Abstract :
The present embodiment is an auto TDS control system for RO(Domestic, Commercial & Industrial) water system. The present embodiment maintains TDS level automatically. Auto TDS control system comprises of a water TDS sensor for measuring TDS in water storage tank or flowing water collection tank and a signal identification kit for identification of different TDS range and a LED display for identification of indicator zones of TDS. Signal identification unit is for identification of different TDS range such as low TDS indicator (below 35 ppm), safe TDS indicator (35 to 100 ppm) and dangerous zone indicator (above 100 ppm).

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2011

(21) Application No.1180/KOL/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYNTHESIS OF SURFACE ACTIVE GOLD NANO LAYER FABRICATED IRON-OXIDE NANO COMPOSITE

(51) International classification	:B82B1/00, C12P19/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SAPTARSHI CHATTERJEE
3)DR. KEKA SARKAR
(72)**Name of Inventor :**
1)ARGHYA BANDYOPADHYAY
2)SAPTARSHI CHATTERJEE
3)DR. KEKA SARKAR

(57) Abstract :
The present invention is concerned with the preparation of coated magnetic nanoparticles and particularly with gold-coated magnetic nanoparticle composite with loading number tunabilty of biologically active molecules or agents. Such gold-coated magnetic nanoparticle composites offer significant potential applications in biotechnology. A gold coating would prevent direct bio-contact to the magnetic material thus improving biocompatibility. Also, a gold surface allows good coupling through chemical attachment of desired bio-active agents. The present invention describes the possibility of use of magnetic materials from among the elements cobalt, iron, nickel, samarium, neodymium, platinum, boron, compounds thereof and alloys thereof. A suitable precursor compound of an iron oxide is reduced / oxidized by one or more reactants in the presence of a solvent. Nano-sized core of iron oxide are formed in suspension in the solvent. The predetermined diameter of the core seeds and their size distribution is achieved by controlling, among other factors, the reaction temperature, the molar ratio between the precursor agents and the reaction time.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2011

(21) Application No.1105/KOL/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : MUTATED BICYCLE

(51) International classification :B62M1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :SANTOSH KUMAR GUPTA S/O. SHEO PRASAD, C.L.I.A (LIC OF INDIA) RAMNAGAR NEW COLONY, HAZARIBAGH, JHARKHAND, PIN CODE-825301 INDIA
(72)**Name of Inventor :**
1)SANTOSH KUMAR GUPTA

(57) Abstract :
Mutated bicycle is zero fuel consumption, pollution free bike. It has hydraulic drive to reduce the manual effort for pedaling by five times and 3 speed constant mesh gearbox to achieve high speed comparable to motorbike. Mutated bicycle is a chainless bicycle that transfers manual power to the rear axle of the wheel by means of hydraulic drive/cylinder (6,10) and 3 speed constant mesh gearbox{15). It is a mechanism in which fluid/pressure behaves like link (9) to transmit motion. Hydraulic energy transfer is more efficient, even better than chain.

No. of Pages : 6 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2010

(21) Application No.981/KOL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SCREEN PANEL WITH IMPROVED APERTURES

(51) International classification :B02C23/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MADAN MOHAN MOHANKA

(57) Abstract :
A screen panel with improved apertures for mining and quarrying industries adapted to be mounted on a screen deck, including a screening surface made up of materials such as herein described formed on a reinforcing frame, said screen panel having suitably designed apertures for allowing materials to pass through, said apertures having resilient ribs(5) with protrusions(4) on both sides configured with respect to each other such that adequate open space exists, whereby clogging of materials pursuant to screening operations are substantially reduced.

No. of Pages : 15 No. of Claims : 10

Publication After 18 Months:

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/05/1997

(21) Application No.1166/DEL/1997 A

(43) Publication Date : 13/04/2012

(54) Title of the invention : MICROPARTICLES

(51) International classification	:a61k 31/519
(31) Priority Document No	:08/643,919
(32) Priority Date	:07/05/1997
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MICHAEL E. RICKEY
2)J. MICHAEL RAMSTACK
3)DANNY H. LEWIS
4)JEAN LOUIS MESENS

(57) Abstract :
The invention provides a process for the preparation of biodegradable biocompatible microparticles, said process comprising: contacting microparticles comprising a biodegradable biocompatible polymer matrix containing an active (e.g. pharmaceutical or diagnostic) agent and an organic solvent with an aqueous solvent system whereby the content of said organic solvent in said particles is reduced to 2% or less of the weight of said particles, said solvent system being such as to satisfy at least one of the conditions (a) that it is at an elevated temperature (e.g. from 25 to 40°C) during at least part of the time that it is in contact with said particles, and (b) that it comprises water and a water-miscible solvent for said organic solvent; and recovering said particles from said aqueous solvent system.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/08/2011

(21) Application No.2296/DEL/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : GAS SUPPLY INTERFACE FOR A WATER HEATER

(51) International classification :B31C
(31) Priority Document No :12/900729
(32) Priority Date :08/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CLAYTON, RUSSELL

(57) Abstract :
A gas supply interface includes a door adapted to fit within an opening to a combustion chamber, the door includes a serrated opening.

No. of Pages : 10 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2010

(21) Application No.2393/DEL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD AND APPARATUS FOR RELIABLE CONTROL CHANNEL PERFORMANCE

(51) International classification :H04H
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PRADAP VENKATRAMANAN KONDA,
2)SCOTT R. CLAPP
3)SHIRISH NAGARAJ

(57) Abstract :
A method and apparatus is directed to achieving target error rates on a channel between a user equipment and a network node. The method includes indicating an error event on a first channel between user equipment and a network node using a bit erasure. The method also includes controlling transmit power used by the user equipment on the first channel using predefined transmit power command values received by the user equipment on a second channel, wherein the second channel being between the user equipment and the network node. The transmit power is controlled based on the indicated error event to achieve a target error rate on the first channel.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2010

(21) Application No.2391/DEL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PHOSPHINE BASED BISIMIDES, ITS RESINS AND PROCESS OF PREPARATION THEREOF.

(51) International classification :C08L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ALAM, SARFARAZ
2)GUPTA, PRESHI

(57) Abstract :
The present invention relates to phosphorous containing flexible bisimides formed by the reaction of bis(3-aminopropyl)phenyl phosphine, an aromatic dianhydride and an ethynically unsaturated cyclic anhydride. The bisimides of the present invention have improved processability and physical properties.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2010

(21) Application No.2402/DEL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : FOUR SIDES GUSSETED PACKAGES AND METHODS FOR MAKING THE SAME

(51) International classification :B60N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :2222/DEL/2008
Filed on :22/09/2008
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHATURVEDI ASHOK

(57) Abstract :
The invention disclosed in the application is an improvement in or a modification of the invention disclosed and claimed in the specification of the Patent Application No. 2222/DEIV2008, and claims benefits of Section 54-56 of the Patents Act, 1970.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2010

(21) Application No.2403/DEL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF HIGHLY FUNCTIONALIZED RACEMIC AND NON-RACEMIC PIPERIDINES

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GHORAI, MANAS KUMAR
2)HALDER, SANDIPAN

(57) Abstract :
The present invention relates to a process for the synthesis of highly functionalized 2,6-disubstituted piperidines with syn-stereoselectivity via a domino intermolecular imino aldol follewd by an intramolecular aza-Michael reaction sequence in good yield. The process involves i) the synthesis of α-arylmethylidine- and α-alkylmethylidine--keto ester as the precursor substrates, ii) generation of the enolate with LDA followed by reaction with N-sulfonyl aldimines.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2010

(21) Application No.2404/DEL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A FERROELECTRIC CERAMIC COMPOSITON AND METHOD FOR SENSOR AND POWER HARVESTING APPLICATIONS

(51) International classification :A01B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LONKAR, CHANDRASHEKHAR, MADHAV
2)KHARAT, DINKAR, KISANRAO
3)KUMAR, HARISHCHANDRA, HANSRAJ

(57) Abstract :
The present invention relates to a ferroelectric ceramic material/composition and a method to obtain said composition including oxides of Lead, Zirconium, Titanium, Nickel and Antimony with dopant having properties highly suitable for power harvesting and sensor applications. The composition comprising oxides of Lead, Zirconium ,Titanium, Nickel and Antimony with dopant such that said composition maintain the stoichiometry as per chemical formula Pb1-z (NiSb)x Laz[(Zr1-y Tiy)1-z/4]1-xO3 in which x is a positive number in the range from 0.01 to 0.07, y is a positive number in the range from 0.43 to 0.55 and z is a positive number in the range from 0.0 to 0.05.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2010

(21) Application No.2412/DEL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ROTARY & VANE TYPE AIR ENGINE

(51) International classification :B23B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ONKAR SINGH
(72)**Name of Inventor :**
1)BHARAT RAJ SINGH
2)ONKAR SINGH

(57) Abstract :
A rotary vane type air turbine engine utilizing compressed air as a fuel and, works on the reverse concept of an air compressor is provided. The rotary vane type air turbine takes compressed air from compressed air storage tank through the filter, regulator and lubricator unit and generates power to drive the shaft. Proposed Vane type air turbine is having variable inlet geometry with at least four number of vanes sliding inside the slots made therein on the rotor periphery, and casing liners provided inside the casing. The air turbine engine is 100% emission free and highly efficient with the performance range upto 97%.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2010

(21) Application No.2419/DEL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A HYDRAULIC OIL TEMPERATURE STABILIZER UNIT.

(51) International classification :G01B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YOGESH PATIL
2)J. G. TRIVEDI
3)NEERAJ VIJ

(57) Abstract :
Hydraulic gear pump is the main source of power (prime mover) for tractor hydraulic system. Its main function is to take oil from the sump through filter and to pass pressurized oil to distributor to distribute it in hydraulic system of tractor. This hydraulic pump can be failed or seized due to various reasons like:

No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2010

(21) Application No.2422/DEL/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A NEW ANTIDEPRESSANT/MEMORY ENHANCER/ANTI ALZHEIMER/ANTI PARKINSON DRUG

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DR. TANVIR HUSAIN ZAIDI

(57) Abstract :
As i see patients as a doctor, many time because of the ectopic presentation of the case,particularly mental disorders.its not possible to give a routine medicine. Also since the same patients tend to come again and again, so the effect of some ectopic medication can be gauged by clinically evaluating them. Such an observation led to the following drug.

No. of Pages : 2 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/04/2011

(21) Application No.2529/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COMBUSTION DEVICE UTILIZING THERMOELECTRICAL GENERATION

(51) International classification :F24B 1/20
(31) Priority Document No :61/103,335
(32) Priority Date :07/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/059776
Filing Date :07/10/2009
(87) International Publication No :WO 2010/042574
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CEDAR, M. JONATHAN
2)DRUMMOND, H. ALEXANDER

(57) Abstract :
This invention provides a portable combustion device that provides a cleaner combustion, reduces the kindling period, and provides a more efficient overall combustion through the use of a fan that directs a predetermined volume of airflow over the combustible fuel typically wood or similar cellulose-based biological solids. The combustion device has a combustion chamber into which the fuel source is placed for combustion. Mounted to the side of the combustion chamber is a housing that encloses the TEG, which generates an electrical output based on a difference in temperature on opposing sides. Mounted onto the TEG housing and protruding into the combustion chamber through a small passageway is a heat-conducting probe and heat-conducting probe base unit. The opposing side of the TEG is also in contact with a heat sink to remove heat from the TEG device through interaction with ambient air that passes over the vanes from a port located along the side of the TEG housing. A motor and fan near the heat sink to draw air away the heat sink and aid in the cooling of the heat sink, and force air onto the combusting fuel through a plurality of peripheral ports that connect with an air space located between the inner and outer walls of the combustion chamber.

No. of Pages : 43 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2011

(21) Application No.2548/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : VARIA□T OF A FREE-PISTON COMPRESSED-GAS ENGINE COMPRISING PINIONS, SAID ENGINE HAVING VARIOUS DECOMPRESSION STAGES AND RETURN SPRINGS□

(51) International classification :F02B
(31) Priority Document No :U4240
(□2) Priority Date :10/09/2008
(33) Na□e of priority country :Uruguay
(86) International Application No :PCT/IB2009/006911
Filing Date :10/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)REGUSCI CAMPOMAR ARMANDO MIGUEL

(57) Abstract :
The compressed-gas engine comprises a compressed air tank (1), pipes (2,12,17,28) and valves (3,11,16,21) connecting the tank (1) to cylinders (4,13,18), chains (8,24,25) connected to the piston rods (6,15,20) of the cylinders (4,13,18) and springs (9,26,27), which is connected to fixed points, a shaft (10) having pinions (7,22,23), which the chains (8,24,25) are connected to, and a control system controlling the valves (3,11,16,21).

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2010

(21) Application No.2942/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ERIOCITRIN-CONTAINING MATERIAL, METHOD FOR PRODUCTION OF THE ERIOCITRIN-CONTAINING MATERIAL, AND FOOD, BEVERAGE, PHARMACEUTICAL PREPARATION AND COSMETIC EACH COMPRISING THE ERIOCITRIN-CONTAINING MATERIAL

(51) International classification :C07C
(31) Priority Document No :2007-337778
(32) Priority Date :27/12/2007
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2008/073681
Filing Date :26/12/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OMORI Toshikazu
3)YAMAGUCHI Kenji
4)BESSHO Hiroaki

(57) Abstract :
A process for producing an eriocitrin-containing material comprises the steps of: preparing an eriocitrin-containing citrus extract from a citrus fruit using an extractant; and separating eriocitrin from the citrus extract. The step of separating eriocitrin from the citrus extract comprises the steps of: bringing the citrus extract into contact with a porous synthetic adsorption resin such that eriocitrin in the citrus extract is adsorbed on the porous synthetic adsorption resin, the porous synthetic adsorption resin comprising a phenol-formaldehyde resin as a main framework and having amino and phenolic hydroxyl groups; and eluting the eriocitrin adsorbed on the porous synthetic adsorption resin using an elution solvent.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2010

(21) Application No.2944/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : LITHIUM ION SECONDARY CELL CHARGE METHOD AND HYBRID VEHICLE

(51) International classification :H04N
(31) Priority Document No :2008-005116
(32) Priority Date :14/01/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/050208
Filing Date :09/01/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KURIMOTO Yasuhide
2)SAKAI Hitoshi
3)KUZUYA Takashi
4)YOKOMIZO Masakazu

(57) Abstract :
Provided is a lithium ion secondary cell charge method including: a step S1 which judges whether a physical amount value corresponding to an accumulation amount of a lithium ion secondary cell (100) is lowered to a first predetermined value; a step S2 which judges whether a hybrid vehicle (1) is in a travel stop state; and charge steps S5 to SA which divide a charge period K into two or more divided charge periods KC1, KC2 and a non-charge period KR between the divided charge periods, so that charge is performed during the divided charge periods KCl, KC2 while the hybrid vehicle (1) is in the travel stop state and charge stop or discharge is performed during the non-charge period KR, wherein each of the divided charge periods KCl, KC2 is not shorter than 40 seconds.

No. of Pages : 77 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2010

(21) Application No.3028/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CATALYST PRECURSOR PARTICLES, THEIR PREPARATION AND USE

(51) International classification :C07C
(31) Priority Document No :0720983.6
(32) Priority Date :26/10/2007
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2008/003488
Filing Date :15/10/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Christine Elizabeth Marsden
2)Robert Joseph Parker

(57) Abstract :
A method for preparing a catalyst precursor for an olefin polymerization catalyst involves the use of aqueous or alcoholic solutions of a chromium salt and of boric acid and aluminium carboxylate for deposition onto an inorganic support material, such as a silica xerogel. The chromium salt, aluminium carboxylate and boric acid are sufficiently soluble for deposition from a single solution to be effective. The catalyst precursor can be activated by calcination to form a catalyst for homo- or co-polymerisation of a-olefins which has productivity and melt flow index for the resulting polymer or copolymer which is comparable to results obtained with catalysts prepared by prior art organometallic routes. The activation of the catalyst precursor gives reduced levels of toxic or noxious fumes during activation compared to use of organometallic sources of chromium or aluminium.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2010

(21) Application No.3070/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : REFRIGERANT COOLING APPARATUS

(51) International classification :F16H
(31) Priority Document No :2008-139955
(32) Priority Date :28/05/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/059137
Filing Date :18/05/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)TAKEUCHI Masahiro

(57) Abstract :
A refrigerant cooling apparatus is provided, in which a circulating refrigerant may be cooled to a prescribed temperature efficiently in a stable condition even when the cooling temperature of the circulating refrigerant is near the freezing point of the circulating refrigerant. This apparatus is one which cools the circulating refrigerant by countercurrent indirect heat exchange between a circulating refrigerant which cools objects to be cooled such as a low temperature reaction vessel 11 and a cryogenic liquid in a heat exchanger 17, wherein a first flow control means 23 which controls the amount of cryogenic liquid supplied by detecting the temperature of the circulating refrigerant allowed to flow out from the heat exchanger 17 with a first temperature detecting means 20 and a second flow control means 25 which controls the amount of cryogenic liquid supplied by detecting the heating surface temperature at the inside of the heat exchanger with a second temperature detecting means 21 are arranged in series on a cryogenic liquid inflow path 16 which provides the cryogenic liquid to the heat exchanger.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2010

(21) Application No.3071/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD AND APPARATUS FOR VISUALIZING THE CERVICAL VERTEBRAE IN A SINGLE IMAGE

(51) International classification :A61B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2007/082416
Filing Date :24/10/2007
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PICKETT Jill C.
2)CITOW Jonathan S.

(57) Abstract :
A method and apparatus for altering a position of a patients shoulders during X-ray acquisition of the cervical vertebrase. The apparatus includes a telescoping elongated rod and a plurality of arms extending from the elongated rod.

No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2010

(21) Application No.3072/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A SPLIT MOLD INSERT AND A MOLD INCORPORATING SAME

(51) International classification :B29C
(31) Priority Document No :11/954,509
(32) Priority Date :12/12/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2008/002006
Filing Date :17/11/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MAI Arnold

(57) Abstract :
In a traditional split mold insert significant load pressures can be exerted on top and bottom projecting portions of the insert during the mold opening stage. Provided is a split mold insert and a mold stack incorporating the same.The split mold insert (214) for defining, at least partially, a neck area of a preform suitable for blow molding into a final-shaped article, in particular, is provided. The split mold insert (214) comprises a body (402) having (i) a cavity defining portion (404) for defining, in use, a portion of the neck area and (ii) a top projecting portion (406) and a bottom projecting portion (408) located at opposite sides of the body (402), a first female taper portion (410) associated with the top projecting portion (406), a second female taper portion (412) associated with the bottom projecting portion (408), the first female taper portion (410) and the second female taper portion (412) for cooperating, in use, with a first male taper (209) of a first mold component (208b) and a second male taper (203) of a second mold component (202), respectively, for aligning the body (402) into an operational configuration.

No. of Pages : 22 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2010

(21) Application No.3073/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SILICON-BASED OPTICAL MODULATOR FOR ANALOG APPLICATIONS

(51) International classification :G02F
(31) Priority Document No :60/999,784
(32) Priority Date :19/10/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/011560
Filing Date :08/10/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GOTHOSKAR Prakash
3)PATEL Vipulkumar
4)PIEDE David
5)WEBSTER Mark

(57) Abstract :
A silicon-insulator-silicon capacitive (SISCAP) optical modulator is configured to provide analog operation for applications which previously required the use of relatively large, power-consuming and expensive lithium niobate devices. An MZI-based SISCAP modulator (preferably a balanced arrangement with a SISCAP device on each arm) is responsive to an incoming RF electrical signal and is biased in a region where the capacitance of the device is essentially constant and the transform function of the MZI is linear.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2010

(21) Application No.3074/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHODS AND APPARATUS FOR TRANSMITTING VIBRATIONS

(51) International classification :H04R
(31) Priority Document No :11/866,345
(32) Priority Date :02/10/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/069984
Filing Date :14/07/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ABOLFATHI Amir

(57) Abstract :
Methods and apparatus for transmitting vibrations via an electronic and/or transducer assembly through a dental implant are disclosed herein. The assembly may be attached, adhered, or otherwise embedded into or upon the implant to form a hearing assembly. The electronic and transducer assembly may receive incoming sounds either directly or through a receiver to process and amplify the signals and transmit the processed sounds via a vibrating transducer element coupled to a tooth or other bone structure, such as the maxillary, mandibular, or palatine bone structure.

No. of Pages : 31 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2010

(21) Application No.3108/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD OF FROTH FLOTATION CONTROL

(51) International classification :B03D
(31) Priority Document No :0719432.7
(32) Priority Date :04/10/2007
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2008/003348
Filing Date :02/10/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LE ROUX CILLIERS Johannes Jacobus

(57) Abstract :
A method of controlling operation of a froth floatation cell for separating substances comprises introducing gas into liquid in the cell, creating a froth controlling gas flow rate into the cell in order to maximise gas recovery for the cell.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2010

(21) Application No.3182/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CATALYST COMPOSITION AND PROCESS FOR PREPARING LINEAR ALPHA-OLEFINS□

(51) International classification :C07C
(31) Priority Document □o :07023618.7
(32) Priority Date :06/12/2007
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2008/009495
Filing Date :11/11/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Vugar ALIYEV
2)Fuad MOSA
3)Mohammed AL-HAZMI

(57) Abstract :
The present invention relates to a catalyst composition for the oligomerization of ethylene, comprising a transition metal compound of he general formula MXm(OR)4-m or MXm(OOCR1)4-m wherein R is an alkyl, alkenyl, aryl, aralkyl or cycloalkyl group, X is chlorine or bromine and m is from O to 4 and a reaction product of an organo aluminium compound and a cyclic amide, preferably 2-pyrolicone, as well as to a process for preparing linear alpha-olefms utilizing this catalyst compositicn.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2010

(21) Application No.3183/DELNP/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF ASTHMA, COPD, ALLERGIC RHINITIS, ALLERGIC CONJUNCTIVITIS, ATOPIC DERMATITIS, CANCER, HEPATITIS B, HEPATITIS C, HIV, HPV, BACTE□IAL INFECTIONS AND DERMATOSIS□

(51) International classification :A61K
(31) Priority Document No :0702577-8
(32) Priority Date :22/11/2007
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2008/051334
Filing Date :21/11/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MOCHEL Tobias
4)THOM Stephen
5)TID‰N Anna-Karin

(57) Abstract :
The present invention provides compounds of formula (I) wherein R1, R2, R3 and R4 are as defined in the specification, and pharmaceutically acceptable salts thereof, as well as processes for their preparation, pharmaceutical compositions containing them and their use in therapy.

No. of Pages : 196 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3246/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : HYDROPNEUMATIC ACCUMULATOR WITH A COMPRESSIBLE REGENERATOR

(51) International classification :F15B 1/08
(31) Priority Document No :2008141326
(32) Priority Date :09/10/2008
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2008/000770
Filing Date :11/12/2008
(87) International Publication No :WO 2010/041975
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHESHIN, LEONID OLEGOVICH

(57) Abstract :
A hydropneumatic accumulator with a compressible regenerator having a shell in which gas and fluid ports are connected, respectively, with gas and fluid reservoirs of variable volume separated by a movable separator. The gas reservoir contains a compressible regenerator that fills the gas so that the separator movement reduces the gas reservoir volume compressing the regenerator. The regenerator is made of leaf elements located transversally to the separator motion direction and dividing the gas reservoir into intercommunicating gas layers of variable depth. The regenerator is preferably made from interconnected elastic metal leaf elements to allow variable degree of bending strain.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3247/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : MOTOR SUITCASE

(51) International classification :A45C 9/00
(31) Priority Document No :P-200800242
(32) Priority Date :16/10/2008
(33) Name of priority country :Slovenia
(86) International Application No :PCT/SI2009/000049
Filing Date :14/10/2009
(87) International Publication No :WO 2010/044759
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BORIS KUNC

(57) Abstract :
The motor suitcase is a combination of a motorcycle and luggage suitcase. It is composed of a suitcase that is adequately dimensioned and ergonomically designed to safely carry the stored content as well as the driver. Adequate wheels with break mechanism are installed on the bottom side and a steering mechanism with commands to control the engine and breaks, connected to the front wheel, is installed on the upper side. It is driven by an electric engine or an internal combustion engine.

No. of Pages : 7 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3248/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : BOTANICAL ARRANGEMENT AND DISPLAY APPARATUS

(51) International classification :A01G 1/00
(31) Priority Document No :2008 4440
(32) Priority Date :06/11/2008
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2009/000187
Filing Date :05/11/2009
(87) International Publication No :WO 2010/053349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HODSON-WALKER, JULIEN, THOMAS

(57) Abstract :
The invention relates to an apparatus for the arrangement and display of botanical specimens. In particular, the invention relates to supporting plants within a confined environment or where a vertical arrangement is required. The invention provides a planter assembly (2) for the growth and/or display of plants comprising at least one side support panel (10; 110) having a longitudinal axis and one or more plant supports (30; 130) connected to the at least one side support panel for supporting a plurality of plants in at least one row and/or column extending in a plane at an oblique angle to the longitudinal axis of the at least one side support panel.

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3249/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : WELL FLOW CONTROL SYSTEMS AND METHODS

(51) International classification :E21B 17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2008/082248
Filing Date :03/11/2008
(87) International Publication No :WO 2010/050991
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DALE, BRUCE A.
3)CLINGMAN, SCOTT R.

(57) Abstract :
A well flow control system comprising: a tubular adapted to be disposed in a well to define a well annulus, wherein the tubular has an outer member defining an internal flow conduit, and wherein at least a portion of the outer member is permeable allowing fluid communication between the well annulus and the flow conduit; and a flow control apparatus adapted to be disposed within the flow conduit of the tubular, wherein the fjow control apparatus comprises at least one conduit-defining structural member and at least one chamber-defining structural member; wherein the at least one conduit-defining structural member is configured to divide the flow conduit into at least three flow control conduits; wherein the at least one chamber-defining structural members is configured to divide at least two of the at least three flow control conduits into at least two flow control chambers; wherein each of the at least two flow control chambers has at least one inlet and at least one outlet; wherein each of the at least one inlet and the at least one outlet is adapted to allow fluids to flow therethrough and to retain particles larger than a predetermined size; and wherein at least one of the at least three flow control conduits is in fluid communication with the well annulus only through one or more of the flow control chambers.

No. of Pages : 62 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3250/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD FOR DIAGNOSING THE PERFORMANCE OF A CATALYTIC CONVERTER

(51) International classification :F01N 3/20
(31) Priority Document No :0806209
(32) Priority Date :06/11/2008
(33) Name of priority country :France
(86) International Application No :PCT/EP2009/064667
Filing Date :05/11/2009
(87) International Publication No :WO 2010/052261
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)REMI FOURET

(57) Abstract :
1. A method for diagnosing the performance of a catalytic converter (3) of a gasoline-fuelled motor vehicle, on board the vehicle, the catalytic converter being mounted on the exhaust line (1) of the vehicle, wherein two oxygen probes (5, 6) are placed on the exhaust line (1) respectively upstream and downstream of the converter (3), their signals (7, 16) are analyzed and the signal (16) of the downstream probe (6) is compared with a threshold in order to carry out a passive diagnosis during a first period of the service life of the converter (3), beyond which, during a last period of the service life of the converter (3), with the aid of the two probes (5, 6) and of a diagnostic programmable controller and by measuring the oxygen-storage capacity of the converter (3) , an intrusive diagnosis of the performance of the converter (3) is carried out.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3252/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : THIN FILM SEMICONDUCTOR PHOTOVOLTAIC DEVICE

(51) International classification :H01L 31/0232
(31) Priority Document No :12/263,583
(32) Priority Date :03/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/062941
Filing Date :02/11/2009
(87) International Publication No :WO 2010/062713
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VENKATA ADISESHAIAH BHAGAVATULA
2)GLENN ERIC KOHNKE

(57) Abstract :
A substantially transparent substrate having first and second major surfaces and a plurality of side surfaces; a thin-film semiconductor layer coupled to the first major surface of the substrate and including first and second major surfaces and at least one photo-sensitive p-n junction therein; and a light directing feature operable to cause incident light to propagate through the substrate and into the semiconductor layer in a waveguide mode such that the light reflects a plurality of times between the first and second major surfaces of the semiconductor layer and impinges upon the p-n junction a plurality of times

No. of Pages : 50 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3253/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : TIRE TREAD COMPRISING INCISIONS PROVIDED WITH PROJECTIONS

(51) International classification :B60C 11/12
(31) Priority Document No :0858296
(32) Priority Date :05/12/2008
(33) Name of priority country :France
(86) International Application No :PCT/EP09/065168
Filing Date :13/11/2009
(87) International Publication No :WO 2010/063558
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(72)**Name of Inventor :**
1)ERIC BERGER
2)MATTHIEU BONNAMOUR

(57) Abstract :
Tire having a preferred direction of rotation identified by a visible means on this tyre, this tire being provided with a tread including a plurality of elements of relief (1), each element of relief having a face of contact and lateral faces (11), at least some of these elements of relief having at least an incision (2) opening onto two of the aforesaid lateral faces, this incision being delimited by a first face (3) and a second face (4), these two faces being connected by a bottom, this incision being provided over its first face and its second face with protuberances, each protuberance (31) of the first face (3) being able to cooperate by contact with at least a protuberance (41, 42) of the second face (4) during a displacement of the first face relative to the second face in a direction D1 or a direction D2 opposed to the direction Dl, these two Dl directions and D2 being parallel to a direction extending between the bottom of the incision and the contact face of the element of relief provided with this incision, this tread being characterized in that the preferred direction of rotation of the tire is chosen so that - under the effect of a braking effort exerted by the ground on the tread during an operation of braking, the protuberances of the first face of each incision are more quickly in contact with the protuberances of the second face than when this same tire is subjected to a driving effort exerted by the ground, i.e. the distance el of relative displacement of the first face relative to the second face in the direction D1 until the contact of the protuberances of the aforesaid first face with the protuberances of the aforesaid second face is different from the distance e2 of relative displacement of the first face compared to the second face in the direction D2 opposed to the direction D1 until the contact of the protuberances of the aforesaid the first face with the protuberances of the aforesaid the second face

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3254/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : TRANSDUCIBLE POLYPEPTIDES FOR MODIFYING MITOCHONDRIAL METABOLISM

(51) International classification :C07K 14/47
(31) Priority Document No :12/253,138
(32) Priority Date :16/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US209/060652
Filing Date :14/10/2009
(87) International Publication No :WO 2010/045335
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHAHARYAR KHAN

(57) Abstract :
Methods and compositions for modifying the metabolism of a subject are provided. One embodiment provides a recombinant polypeptide having a polynucleotide-binding domain, a protein transduction domain, and a targeting domain. In a preferred embodiment, the polynucleotide-binding domain includes one or more HMG box domains.

No. of Pages : 54 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3255/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CHROMOPHORIC OR EFFECT-GENERATING MULTILAYER PAINT COATINGS HAVING PIGMENT-FREE COATS OF PAINT AS A FILLER SUBSTITUTE, THE PRODUCTION THEREOF AND USE THEREOF

(51) International classification :B05D 7/00
(31) Priority Document No :10 2008 054 283.0
(32) Priority Date :03/11/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/007832
Filing Date :02/11/2009
(87) International Publication No :WO 2010/060523
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BASF COATINGS GMBH
(72)**Name of Inventor :**
1)JORG KRAMES
2)HITOSHI TANIGUCHI
3)EGON WEGNER
4)MICHAEL RICHERT

(57) Abstract :
Multicoat color and/or effect finishes on substrates, comprising, lying atop one another in this order: (A) at least one pigment-free coating, (B) at least one color and/or effect coating, and (C) at least one transparent coating, processes for producing them, and their use.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3256/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYNTHETIC INORGANIC FLAME RETARDANTS, METHODS FOR THEIR PREPARATION, AND THEIR USE AS FLAME RETARDANTS

(51) International classification :C08K 3/32
(31) Priority Document No :61/117,191
(32) Priority Date :23/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/064305
Filing Date :13/11/2009
(87) International Publication No :WO 2010/059508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MONIKA GIESSELBACH
2)WOLFGANG HOEPFL
3)GUENTHER PETER HEINES
4)RENE G.E. HERBIET

(57) Abstract :
Quite unexpectedly, by suitably modifying the crystal structure of hydrogamets of the general formula MII3MIII2(OH)12 (where MII denotes divalent metal ions, especially alkaline earth metal ions, of Group HA of the periodic table and MIII denotes trivalent metal ions, of Group IDA of the periodic table, especially aluminum) with suitable amounts of incorporated silicate and/or phosphate, flame retardants having both a higher flame retardant efficiency than such traditional mineral flame retardants as ATH and MDH, and a higher thermal stability than ATH can be produced. It has also been found that synthetic hydrogamets of the general formula MII3MIII2(OH)12 (where MII and MIII are as defined above) having cubic crystal shapes can be produced, and these synthetic hydrogamets also show high flame retardant efficiency.

No. of Pages : 38 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3258/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ELECTRICAL POWER GENERATION

(51) International classification :F03G 7/00
(31) Priority Document No :61/110,737
(32) Priority Date :03/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/063173
Filing Date :03/11/2009
(87) International Publication No :WO 010/062780
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JEFFREY L. RIGGS
2)VLADISLAV OLEYNIK
3)GENNADIY ALBUL
4)MELVIN JASON EZELL

(57) Abstract :
Systems and methods are disclosed relating to a system including a launch tube and a generator connected with the launch tube. The generator uses multiphase materials (MPM) and compressed air to convert kinetic energy of the MPM into electrical energy.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3257/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : OCTENIDINE COMPOSITION

(51) International classification :A61K 31/44
(31) Priority Document No :08450183.2
(32) Priority Date :14/11/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/065111
Filing Date :13/11/2009
(87) International Publication No :WO 2010/055122
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :LANDSTRASSE 40, 9495 TRIESEN, LIECHTENSTEIN
(72)**Name of Inventor :**
1)AHMET MELIH AYDINOGLU

(57) Abstract :
The invention relates to octenidine or a pharmaceutical salt thereof, in particular octenidine dihydrochloride, which is intended for mutual therapeutic administration of the octenidine in solution with a polyalcohol of formula 1: (H-C-OH). (HO-C-OH) b (H-C-H) c, where a, b, c are whole numbers, where a+b is at least 2, preferably at least 3, c is selected from 0,1 or a num¬ber from 2 to a+b, optionally in addition to one or more aldehyde groups provided that they form (cyclic) acetals with one of the hydroxy groups or one or more keto groups optionally as acetal with one of the hydroxy groups, optionally in addition to one or more carboxylic acid groups if the polyalcohol is a cyclic acetal or acetal, preferably with ring sizes of 5 to 7 atoms, or a polymer, polyether or polyester thereof, provided that the polyalcohol exists as a polymer, polyether or polyester with at least two units of formula 1 if a+b is 2 or 3. The invention also relates to kits containing these ingredients, and use thereof for treating infections and wounds.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3259/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SAFENING COMPOSITION OF 6-(TRISUBSTITUTED PHENYL)-4-AMINO-2-PYRIDINECARBOXYLATE HERBICIDES AND CLOQUINTOCET-MEXYL FOR CEREAL CROPS

(51) International classification :A01N 25/32
(31) Priority Document No :61/117,330
(32) Priority Date :24/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/064926
Filing Date :18/11/2009
(87) International Publication No :WO 2010/059680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NORBERT SATCHIVI
2)PAUL SCHMITZER

(57) Abstract :
Herbicidal injury caused by 6-(trisubstituted phenyl)-4-amino-2-pyridinecarboxylates in wheat and barley is reduced with the use of low rates of cloquintocet.

No. of Pages : 22 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2011

(21) Application No.3260/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AQUEOUS TWO PHASE EXTRACTION AUGMENTED PRECIPITATION PROCESS FOR PURIFICATION OF THERAPEUTIC PROTEINS

(51) International classification :C07K 1/36
(31) Priority Document No :0802477-0
(32) Priority Date :25/11/2008
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE09/051305
Filing Date :18/11/2009
(87) International Publication No :WO 2010/062244
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RICHARD TRAN
2)NIGEL J. TITCHENER-HOOKER
3)KAROL LACKI

(57) Abstract :
The invention relates to an aqueous two phase extraction (ATPE) augmented precipitation process, which may be used to recover and also partially purify therapeutic proteins, including monoclonal antibodies from a crude multi-component mixture. The process involves the formation of a forward extraction PEG-Phosphate ATPE system in which the target product is preferentially partitioned to the polymer rich phase. A second ATPE back extraction system is then formed by introducing the polymer rich phase from the forward extraction to a new phosphate salt rich phase, causing the product to precipitate at the interface between the two phases. This precipitate is then recovered and resolubilised in a suitable buffer and may be passed on for further purification.

No. of Pages : 41 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2011

(21) Application No.3709/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : D-TAGATOSE-BASED COMPOSITIONS AND METHODS FOR PREVENTING AND TREATING ATHEROSCLEROSIS, METABOLIC SYNDROME, AND SYMPTOMS THEREOF

(51) International classification :A61K 31/715
(31) Priority Document No :61/193,192
(32) Priority Date :04/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/063293
Filing Date :04/11/2009
(87) International Publication No :WO 2010/054001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LODDER, ROBBERT, A.
2)CASSIS, LISA, A.

(57) Abstract :
Pharmaceutical compositions including D-tagatose along with a stilbene or stilbenoid component, or a salt or derivative thereof. Methods of prophylaxis and therapy by administering to a mammal a pharmaceutically effective amount of D-tagatose, optionally in combination with a stilbene or stilbenoid component, or a salt or derivative thereof to prevent or treat atherosclerosis, the metabolic syndrome, obesity, or diabetes.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4081/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD FOR DETECTING THE POSITION OF A MOBILE SWITCHING ELEMENT

(51) International classification :F16H 59/70
(31) Priority Document No :10 2008 064 156.1
(32) Priority Date :19/12/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/065498
Filing Date :19/11/2009
(87) International Publication No :WO 2010/069704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)STANISLAV MASSINI
2)THOMAS NEHMEYER

(57) Abstract :
The invention concerns a device (1) for identifying the position of a movable gear shifting element (2) which comprises at least one locking arrangement (4) with a first contour (5) comprising at least one first gear-engaging position at an uppermost level (10) and at least one second gear-engaging position at a lowest level (11) of the locking arrangement (4), a sensor tracer (7) being associated to the locking arrangement (4), said sensor tracer (7) comprising a reciprocating-motion, spring-loaded scanning element (8) arranged In a housing (9), said scanning element (8) cooperates with the locking arrangement (4), a sensor (15) being further arranged in the housing (9), through which sensor (15), the position of the scanning element (8) or of a component actuable by the scanning element can be determined which enables the position (P1, P2) of the gear shifting element (2) to be recognised, the neutral position and the reverse gear-engaging position being defined by the end gear-engaging positions (10, 11).

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4082/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : FLAME RETARDANT HALOGENATED PHENYL ETHER BLENDS

(51) International classification :C08K 5/06
(31) Priority Document No :61/139,282
(32) Priority Date :19/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/065627
Filing Date :24/11/2009
(87) International Publication No :WO 2010/071728
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)JAMES D. SIEBECKER

(57) Abstract :
A flame retardant blend comprises at least first and second halogenated non-polymeric phenyl ethers having the general formula (I): wherein each X is independently Cl or Br, each m is independently an integer of 1 to 5, each p is independently an integer of 1 to 4, n is an integer of 1 to 5 and wherein the values of n for the first and second ethers are different

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4083/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN OSTOMY APPLIANCE WITH A RELEASE LINER HAVING A PREDEFINED FOLDING LINE

(51) International classification :A61F 5/445
(31) Priority Document No :PA 2008 01807
(32) Priority Date :18/12/2008
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK209/050336
Filing Date :15/12/2009
(87) International Publication No :WO 2010/069326
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)COLOPLAST A/S
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(72)**Name of Inventor :**
1)HASSE BUUS

(57) Abstract :
An ostomy appliance for attachment to the stoma body comprising an adhesive wafer and a collecting pouch attachable to an adhesive wafer, the wafer comprises a backing layer and a skin-facing adhesive layer, wherein the adhesive skin-facing surface of the wafer is provided with a release liner covering the skin-facing surface of the adhesive layer, the release liner comprising at least a first part and a second part, the first and the second part being interconnected inseparably along a predefined folding line and wherein both the first and the second part of the release liner is in contact with the adhesive.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4085/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : OCCLUSION PERFUSION CATHETER

(51) International classification :A61M 25/10
(31) Priority Document No :61/110,744
(32) Priority Date :03/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/063168
Filing Date :03/11/2009
(87) International Publication No :WO 2010/062778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)REX C. TEESLINK
2)DIRK V. HOYNS

(57) Abstract :
Catheters for occluding, visualizing, irrigating, evacuating, and delivering agents to a treatment area are disclosed. The catheters comprise a catheter body comprising five lumens, first and second occlusion balloons coupled to the catheter body, an optional space-occupying balloon coupled to the catheter body and disposed between the first and second occlusion balloons, and an optional visualization means that enables visualization between the first and second occlusion balloons. Methods for using these catheters are also disclosed. A method comprises inflating the first and second occlusion balloons, inflating the space-occu¬pying balloon, allowing fluid to exit via an evacuation lumen, optionally irrigating or aspirating to facilitate fluid exit via said lu¬men, and delivering an agent to a treatment area via the agent lumen.

No. of Pages : 54 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4087/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : LITHIUM COMPOSITE COMPOUND PARTICLES AND PROCESS FOR PRODUCING THE SAME, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY

(51) International classification :C01G 53/00
(31) Priority Document No :2008-310166
(32) Priority Date :04/12/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP09/006602
Filing Date :03/12/2009
(87) International Publication No :WO 2010/064440
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAIKI IMAHASHI
3)KAZUHIKO KIKUYA
4)NOBUYUKI TAGAMI
5)HIDEAKI SADAMURA

(57) Abstract :
The present invention relates to lithium composite compound particles having a composition represented by the formula: Li1+xNi1-y-zCOyMzO2 (M = B or A1), wherein the lithium composite compound particles have an ionic strength ratio A (LiO-/NiO2-) of not more than 0.3 and an ionic strength ratio B (Li3CO3+/Ni+) of not more than 20 as measured on a surface of the respective lithium composite compound particles using a time-of-flight secondary ion mass spectrometer. The lithium composite compound particles of the present invention can be used as a positive electrode active substance of a secondary battery which has good cycle characteristics and an excellent high-temperature storage property.

No. of Pages : 55 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4088/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ELECTROCOAT COMPOSITION AND PROCESS REPLACING PHOSPHATE PRETREATMENT

(51) International classification :C23C 28/00
(31) Priority Document No :12/345,321
(32) Priority Date :29/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/068156
Filing Date :16/12/2009
(87) International Publication No :WO 2010/077896
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)TIMOTHY S. DECEMBER
2)ABDELLATIF CHOUAI
3)CYNTHIA A. STANTS
4)GREGORY G. MENOVCIK

(57) Abstract :
An electrically conductive substrate is electrocoated with an aqueous electrodeposition coating composition comprising a cathodically electrodepositable binder, the binder comprising an amine-functional phosphorylated resin and at least one additional coating layer, such as a second primer layer, a topcoat layer, or both.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4092/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : TURBULENCE-REDUCING BLENDER LID AND METHOD OF OPERATION

(51) International classification :A47J 43/046
(31) Priority Document No :12/316,569
(32) Priority Date :15/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/005919
Filing Date :02/11/2009
(87) International Publication No :WO 2010/071668
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RICHARD D. BOOZER
2)MICHAEL D. ANTON
3)JOHN K. BARNARD

(57) Abstract :
A cover adapted to be attached to a container comprising a top wa!i, a sidewall extending downwardly from said top wall, and a vane extending downwardly from said top wall and inwardly from said sidewall

No. of Pages : 10 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4093/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD FOR CLEANING TANKS

(51) International classification :B08B 9/093
(31) Priority Document No :1036170
(32) Priority Date :07/11/2008
(33) Name of priority country :Netherlands
(86) International Application No :PCT/EP2009/008004
Filing Date :05/11/2009
(87) International Publication No :WO 2010/052020
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PERRY VAN DER BOGT

(57) Abstract :
Method and apparatus for removing residues of hazardous materials from vapour in a tank (1), wherein such a vapour is heated, passed outside the tank and subsequently cooled and the remaining dry vapour is recirculated, characterized in that a) said vapour is heated to a temperature of at least 5°C above the melting point and below the self ignition point of the haz¬ardous material, b) the vapour mixture thus formed is passed by means of a pump (3) from the tank through a discharge unit to a recovery unit, c) is cooled to a temperature of at least 5°C lower and above the melting point of the hazardous material in a recov¬ery unit, d) the liquid components of the vapour are recovered and the dry gas mixture is recirculated to the tank after reheating to the desired temperature, e) said recirculation being repeated as required.

No. of Pages : 10 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4089/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A PERMEABLE PRESSURE SENSITIVE ADHESIVE

(51) International classification :C09J 123/08
(31) Priority Document No :PA 200801811
(32) Priority Date :18/12/2008
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2009/050343
Filing Date :18/12/2009
(87) International Publication No :WO 2010/069333
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HASSE BUUS
2)MADS LYKKE
3)TOM KONGEBO

(57) Abstract :
A pressure sensitive, hot melt processable adhesive composition comprising a polar plasticising oil or a combination of polar plastlcising oils in the content of above 10% (w/w) of the final adhesive, and at least one polar polyethylene copolymer, and polyisobutylene, wherein the content of the polyethylene copolymer is 5-50% (w/w) of the final adhesive, the polyethylene copolymer has a melt flow index below 2 g/10min (190°C/21.1N).

No. of Pages : 32 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4094/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A SOFT SHAPEABLE ADHESIVE PASTE

(51) International classification :C09J 123/08
(31) Priority Document No :PA 2008 01820
(32) Priority Date :19/12/2008
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2009/050345
Filing Date :18/12/2009
(87) International Publication No :WO 2010/069334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DORRIT DIANA ISRAELSON

(57) Abstract :
A pressure sensitive paste composition for skin application comprising 10-50% (w/w) based on tine total paste formulation of a blend of polar polyethylene copolymer(s) and polar oil.

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4095/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : BROMINATION OF TELOMER MIXTURES DERIVED FROM TOLUENE AND STYRENE

(51) International classification :C08F 8/22
(31) Priority Document No :61/119,276
(32) Priority Date :02/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/066127
Filing Date :30/11/2009
(87) International Publication No :WO 2010/065464
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)JONATHAN P. MCCARNEY
6)JUNZUO WANG
7)JORGE MORICE
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(57) Abstract :
This invention relates to novel and useful toluene and styrene derived telomer distributions, such distributions being desirable substrates for the preparation of brominated flame retardants.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4090/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ROLLER BEARING FOR TWO COMPONENTS THAT CAN BE AT LEAST AXIALLY MOVED TOWARD ONE ANOTHER, PARTICULARLY FOR TRANSMISSION SHIFTING ELEMENTS

(51) International classification :F16C 29/04
(31) Priority Document No :10 2008 063 598.7
(32) Priority Date :18/12/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/065499
Filing Date :19/11/2009
(87) International Publication No :WO 2010/069705
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)THOMAS NEHMEYER

(57) Abstract :
The invention concerns a rolling bearing-mounting (1) of two components (2, 3) that are displaceable relative to each other at least in axial direction, said rolling bearing-mounting (1) comprising rolling elements (5) that are arranged in at least two rows aligned to each other in axial displacement direction, as also first running tracks (6) for the rolling elements (5) that are arranged at or on the first component (2), and second running tracks (8) for the rolling elements (5) that are arranged at or on the second component (3) wherein the rolling bearing-mounting (1) comprises a sensory device comprising a signal emitter (22) and a sensor (21) as two sensory elements (13, 14), the first sensory element (13) is arranged fixed against movement relative to the first component (2) and the second sensory element (14) is arranged fixed against movement relative to the second component (3).

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4097/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM FOR THE PRODUCTION OF HYDROGEN

(51) International classification :C10J 3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2008/067010
Filing Date :08/12/2008
(87) International Publication No :WO 2010/066281
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RINGHEIM, DANIEL
2)GRANBERG, TORSTEN

(57) Abstract :
The present invention relates to a flexible modular system for the production of hydrogen from organic material, which system comprises at least one loading device or loading module, at least one gasification module comprising at least one plasma generator, which is powered with an alternating current, a gas cooling module comprising a cooling device, at least one gas clearing module comprising at least one gas cleaning device, and at least one water-gas-shift and hydrogen separation module. Each of the modules is constructed as a standard container having a standard size and which modules are connected to each other by means of an interface which comprises coupling means and connections for a gas, electric power, and communication.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4098/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ELECTROCHROMIC OPTICAL ELEMENT HAVING AN APODIZED APERTURE

(51) International classification :G02B 1/163
(31) Priority Document No :61/119,393
(32) Priority Date :03/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/066542
Filing Date :03/12/2009
(87) International Publication No :WO 2010/065713
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TANG, ROBERT H.
3)BLACKBURN, FORREST R.
4)WALTERS, ROBERT W.
5)SEYBERT, KEVIN, W.

(57) Abstract :
Provided is an optical element with an electrochromic apodized aperture having variable light transmittance in response to the amplitude of an applied voltage. The apodized aperture includes a first substrate having a planar inner surface and an outer surface, a second substrate having an outer surface and a non-planar inner surface opposing and spaced from the planar inner surface of the first substrate, wherein each of the planar inner surface of the first substrate and the non-planar inner surface of the second substrate has an at least partial layer of transparent conductive material thereover; and an electrochromic medium disposed between the planar inner surface of the first substrate and the non-planar inner surface of the second substrate. The profiles of Figures 1-6 demonstrate the function of an electrochromic apodized iris.

No. of Pages : 40 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4099/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : IMMUNOGENIC COMPOSITIONS AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

(51) International classification :A61P 33/00
(31) Priority Document No :60/398,607
(32) Priority Date :26/07/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2003/000944
Filing Date :25/07/2003
(87) International Publication No :WO 2004/011026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3027/DELNP/2007
Filed on :23/04/2007

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(57) Abstract :
The present invention relates generally to a method of eliciting or otherwise inducing an immune response to a microorganism and compositions for use therein. More particularly, the present invention relates to a method of inducing an immune response to a parasite utilising an immunogenic composition comprising a glycosylphosphatidylinositol (referred to herein as GPI) inositolglycan domain or its derivative or equivalent. The present invention is useful, inter alia, as a prophylactic and/or therapeutic treatment for microorganism infections of mammals such as, for example, parasite infections and in particular infection by Plasmodium species. In another aspect the invention provides a method of diagnosing, monitoring, screening for or othenvise qualitatively or quantitatively assessing an immune response to a microorganism and, in particular, a parasite. More particulariy, this aspect of the present invention is directed to assessing said immune response utilising a GPI inositoglycan domain or its derivative or equivalent. The development of this aspect of the present invention facilitates, inter alia, the qualitative and/or quantitative analysis of anti-GPI antibodies in a biological sample, the identification and/or isolation of unique specificities of anitbodies (such as those which bind a parasite derived toxin or the parasite itself), epitope specific screening or the rational design of immunogenic molecules and the generation, thereby, of functionally effective immunointeractive molecules.

No. of Pages : 124 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4106/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A METHOD OF PREPARING AN UNDIFFERENTIATED CELL

(51) International classification :C12M 3/02
(31) Priority Document No :09/568,254
(32) Priority Date :10/05/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB01/02056
Filing Date :10/05/2001
(87) International Publication No :WO 01/85917
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :4196/DELNP/2005
Filed on :19/09/2005

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1)ABULJADAYEL,IIHAM MOHAMED SALEH SAEED

(57) Abstract :
A method of preparing an undifferentiated cell is disclosed. The method comprises retrodifferentiating a more committed cell to an undifferentiated cell, wherein the retrodifferentiation of the more committed cell occurs to the more committed cell in or from a huffy coat blood sample.

No. of Pages : 166 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4107/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : DEVICE FOR PREPARING AND/OR TREATING A BIOLOGICAL SAMPLE

(51) International classification :G01N 35/10
(31) Priority Document No :08/06171
(32) Priority Date :05/09/2008
(33) Name of priority country :France
(86) International Application No :PCT/FR2009/052104
Filing Date :30/10/2009
(87) International Publication No :WO 2010/052413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)FOUCAULT, FREDERIC

(57) Abstract :
The invention relates to a device for preparing and/or treating a biological sample including an assembly (2) of storage chambers (3) and/or reaction chambers intended for receiving a fluid and means arranged to move an amount of fluid from and/or to at least one of the chambers (3) of the assembly (2) of chambers (3), the chambers (3) being separated by walls (5) so as to form an assembly of adjacent chambers (3) aligned in a given direction. The means arranged to move an amount of fluid include a needle (6) connected to a transfer space (9), means (8) arranged to enable the suction of a liquid towards a chamber (3) from a transfer space (9) via a needle or delivery from the transfer space (9) to a chamber (3), and driving means (7) arranged to translate the needle (6) and the assembly (2) of chambers relative to one another in the chamber (3) alignment direction, and in that two adjacent chambers (3) are separated by a wall including a sealing membrane (5) or septum capable of being pierced by the needle (6) and of then recovering the seal thereof once the needle is removed. The invention also relates to a method for manufacturing such a device.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4112/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : MODULAR HEMOFILTRATION APPARATUS WITH INTERACTIVE OPERATOR INSTRUCTIONS AND CONTROL SYSTEM

(51) International classification :B01D 61/28
(31) Priority Document No :61/110,852
(32) Priority Date :03/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/063004
Filing Date :02/11/2009
(87) International Publication No :WO 2010/062720
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KEARNS, JACOB
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5)DELMAGE, MICHAEL

(57) Abstract :
An apparatus for carrying out selected fluid management and/or renal replacement patient therapy is characterized by an interactive operator control system having operator inputs for selectively changing a panel kit, replacing a filter cartridge, and/or changing to a different patient therapy during a currently running patient therapy, and providing operator instructions for carrying out tasks for completing same. In one embodiment, the interactive operator control system is also characterized by automatically serially identifying different setup steps to be carried out during system setup, displaying the successive steps substantially throughout the system setup as well as displaying on the operator interface screen sequential tasks to be carried out for each of the different setup steps.

No. of Pages : 48 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4113/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ACTIVATED CARBON SYSTEMS FOR FACILITATING USE OR TREATMENT WITH DIMETHYL SULFOXIDE (DMSO)

(51) International classification :A62B 7/10
(31) Priority Document No :61/110,875
(32) Priority Date :03/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/063006
Filing Date :02/11/2009
(87) International Publication No :WO 2010/062721
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)COZEAN, COLETTE
3)GONZALES, EFRAIN
4)JACOB, STANLEY W.

(57) Abstract :
Several embodiments of the invention relate to systems and methods for removing compositions comprising dimethyl sulfoxide (DMSO) or related compounds, or odors associated with same. The systems include activated carbon filters, adsorbents, odor adsorbing fabrics, masks, clean air members and clean air supply assemblies. Methods for reducing the concentration of a DMSO metabolite, or the odors associated with said DMSO metabolite, and methods for facilitating the treatment of traumatic brain injury, ischemic stroke, atherosclerosis, spinal cord trauma, and neurodegenerative illnesses are also provided.

No. of Pages : 78 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4108/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : WIND TURBINE TOWER MONITORING DEVICE

(51) International classification :F03D 11/04
(31) Priority Document No :0821262.3
(32) Priority Date :21/11/2008
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2009/065548
Filing Date :20/11/2009
(87) International Publication No :WO 2010/057972
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHANG, TIELING
3)SIEW, PEY YEN
4)LI, XIAO QIAN

(57) Abstract :
A wind turbine installation monitoring device, for detecting relative movement between two adjacent components of a wind turbine installation is provided. The device comprises a deformable member together with securing means. The securing means is configured to enable the device to be connectable to a wind turbine installation, in use. The deformable member is located across an interface between the adjacent components of a wind turbine installation. Further, detection means are provided and are configured to detect deflection of the deformable member and thereby to detect relative movement between the two components.

No. of Pages : 18 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4114/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A PROCESS FOR PASTEURISING MICROBIAL CELLS

(51) International classification :A47J 31/22
(31) Priority Document No :PCT/EP03/06553
(32) Priority Date :20/06/2003
(33) Name of priority country :PCT
(86) International Application No :PCT/EP03/06553
Filing Date :20/06/2003
(87) International Publication No :WO 2010/066705
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3884/DELNP/2011
Filed on :08/12/2004

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2)DANIEL VERKOEIJEN

(57) Abstract :
The present invention relates to a process for pasteurizing microbial cells, the process comprising heating the cells at a temperature comprising 40°C to 70°C in no more than 30 minutes or at a rate greater than 0.5°C/minute.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4109/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PATCH PRODUCTION

(51) International classification :A61M 37/00
(31) Priority Document No :2008906580
(32) Priority Date :22/12/2008
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2009/001646
Filing Date :17/12/2009
(87) International Publication No :WO 2010/071918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KENDALL, MARK ANTHONY FERNANCE
3)PROW, TARL
4)RAPHAEL, ANTHONY PAUL

(57) Abstract :
A method for use in producing a patch having a number of projections thereon. The method includes providing a distribution member and filling material on a mold surface, the mold including a number of cavities extending from the mold surface for defining the patch projections, filling the cavities with filling material, at least in part by urging filling material from the distribution member into the cavities, causing the filling material to solidify and separating the solidified filling material and the mold to thereby form the patch.

No. of Pages : 88 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4116/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ALTERNATIVE POWER OPERATION OF LOADING DOCKS AND LOADING DOCK EQUIPMENT

(51) International classification :B60K 6/448
(31) Priority Document No :61/138,282
(32) Priority Date :17/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/068306
Filing Date :16/12/2009
(87) International Publication No :WO 2010/077977
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WHITLEY L. BLAKE
4)STORY MICHAEL
5)THOMSON ALLAN

(57) Abstract :
Technology generally directed to operation of loading dock equipment such as vehicle restraints, dock levelers, overhead doors/openers, barrier gates, lights, and linked or unlinked control systems is disclosed herein. The disclosed technology may be employed to power electrical loading dock systems from batteries and/or alternative power sources, including green power sources. For example, the technology may be employed at new, temporary, and/or mobile facilities having any number of loading docks where reliable commercial power may not be readily available. Further, the technology may also be employed at warehouses In remote and/or developing areas where electrical infrastructure is not available and/or reasonably priced. The technology may be embodied as methods, apparatuses, manufactures (e.g., computer- and/or processor-readable storage and/or other mediums), and/or the like.

No. of Pages : 28 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4117/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PROTECTION AND STARTUP MODULAR COMBO FOR AIRTIGHT REFRIGERATION COMPRESSOR

(51) International classification :H01H 61/00
(31) Priority Document No :PI0805209-3
(32) Priority Date :21/11/2008
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR2009/000383
Filing Date :19/11/2009
(87) International Publication No :WO 2010/057284
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ALVES PORTO WAGNER

(57) Abstract :
The present invention refers to a protection and startup modular combo for airtight refrigeration compressor (1), requiring a low number of tools to produce several combo configurations, compared with previous techniques, as well as the use of simpler tools and the consequent cost reduction for development of such configurations. That combo (1) comprises at least one motor startup device (2) and at least one motor overload protection device (3), the motor startup device (2) being associable, in the manner of fitting, with the overload protection device (3), the protection and startup combo (1) being associated with at least one electrical feed terminal of the airtight compressor, the combo (1) being associable, In the manner of fitting, with at least one platform of electrical connectors, the combo (1) being associable, in the manner of fitting, with at least one cable press device (30).

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4111/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : WIRELESS COMMUNICATION METHOD AND APPARATUS FOR REPORTING TRAFFIC VOLUME MEASUREMENT INFORMATION TO SUPPORT ENHANCED UPLINK DATA TRANSMISSIONS

(51) International classification :H04L 12/56
(31) Priority Document No :60/557,974
(32) Priority Date :31/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007318
Filing Date :07/03/2005
(87) International Publication No :WO 2005/104461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6026/DELNP/2006
Filed on :16/10/2006

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1)ZHANG, GUODONG
2)TERRY, STEPHEN, E.
3)DICK, STEPHEN, G

(57) Abstract :
A wireless communication method and apparatus for reporting traffic volume measurement (TVM) information used to support enhanced uplink (EU) data transmissions between a wireless transmit/receive unit (WTRU), i.e., a mobile station, and a Node-B. After storing EU data in a buffer, the WTRU sends an initial TVM information request message to the Node-B indicating that the WTRU has EU data available to send to the Node-B. In response, the Node-B schedules one or more allowed EU data transmissions. The WTRU transmits at least a portion of the stored EU data to the Node-B via the allowed EU data transmissions. In one embodiment, the initial TVM information request message is sent by the WTRU only after the quantity of EU data stored in the buffer of the WTRU exceeds an established threshold. Otherwise, all of the stored EU data is transferred to the Node-B without requiring scheduling by the Node-B.

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4121/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : REABSORBER FOR AMMONIA STRIPPER OFFGAS

(51) International classification :B01D 53/14
(31) Priority Document No :61/111049
(32) Priority Date :04/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/061220
Filing Date :20/10/2009
(87) International Publication No :WO 2010/053683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KOSS PETER ULRICH
2)KOZAK FREDERIC ZENON

(57) Abstract :
A method for removal of CO2 from a flue gas stream, comprising the steps of: a) contacting a flue gas stream comprising CO2 with a first absorption liquid comprising NHS such that the flue gas stream is depleted in CO2; b) contacting the flue gas stream depleted in CO2 of step a) with a second absorption liquid such that NHS from the flue gas stream is absorbed in said second absorption liquid to form a flue gas stream depleted in CO2 and NHS; c) separating NHS from the second absorption liquid such that a gas stream comprising NHS is obtained; d) contacting said gas stream comprising NHS separated in step c) with a third absorption liquid such that NHS is absorbed in said third absorption liquid. A system for removal of CO2 from a flue gas stream, the system comprising: a CO2 absorption stage; an NHS absorption stage; and a reabsorption stage.

No. of Pages : 26 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4128/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : POLYMER FINISHING PROCESS

(51) International classification :G01G 11/00
(31) Priority Document No :61/200,610
(32) Priority Date :02/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/065532
Filing Date :23/11/2009
(87) International Publication No :WO 2010/065373
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WILLIAM J. BLICKLEY
2)BUDDY L. DEARTH

(57) Abstract :
A polymer finishing process including: recovering polymer powder from a polymerization reactor; feeding the polymer powder to an inlet of a mass flow screw conveyor and one or more mass measuring devices for determining a mass of polymer powder within at least a portion of the mass flow screw conveyor; measuring at least one of a mass of the polymer powder in the screw conveyor and a combined mass of the screw conveyor and the polymer powder within the screw conveyor with the one or more mass measuring devices; and determining a mass flowrate of polymer powder through the mass flow screw conveyor based on the at least one of the measured mass of the polymer powder in the mass flow screw conveyor and the measured combined mass. A method of controlling a polymerization process using a mass flow screw conveyor is also disclosed.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4132/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : BRANCHED AND STAR-BRANCHED STYRENE POLYMERS, TELOMERS, AND ADDUCTS, THEIR SYNTHESIS, THEIR BROMINATION, AND THEIR USES

(51) International classification :C08F 112/08
(31) Priority Document No :61/119,285
(32) Priority Date :02/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/066132
Filing Date :30/11/2009
(87) International Publication No :WO 2010/065467
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)ZHONGXIN GE
9)BO LIU
10)RAVINDRA R. JOSHI
11)HOOVER B. CHEW
12)DOUGLAS W. LUTHER
13)KIMBERLY M. WHITE

(57) Abstract :
New branched or star-branched styrene polymeric, telomeric, and monomeric product distributions, their preparation, their use as raw materials for bromination to produce flame retardants, the flame retardants themselves, and their use as flame retardants in various polymeric substrates are described.

No. of Pages : 69 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4133/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PROCESS FOR PRODUCTION OF METHYLENE-BRIDGED POLYPHENYL POLYAMINES

(51) International classification :C07C 209/60
(31) Priority Document No :08172566.5
(32) Priority Date :22/12/2008
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2009/065863
Filing Date :26/11/2009
(87) International Publication No :WO 2010/072504
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)PABLO BOTELLA ASUNCION

(57) Abstract :
A process for providing methylene-bridged polyphenyl polyamines from aniline and formaldehyde according to the invention comprises the subsequent steps of a) condensing aniline and formaldehyde, providing a condensate, the molar ratio of aniline to formaldehyde being chosen in the range of 2 to 3.5; b) reacting, in a first catalytic reaction step, at a reaction tempera¬ture within the range of about 30°C to about 100°C, said condensate over a solid catalyst being chosen from the group consisting of clays, silicates, silica-aluminas and ion exchange resins, whereby an intermediate mixture is provided, the intermediate mixture comprising amino benzyl amines; c) converting, in a subsequent catalytic reaction step, at a temperature within the range of about 70°C to about 250°C, the reaction temperature in said subsequent catalytic reaction step is higher than the reaction temperature in said first catalytic reaction step, said intermediate mixture into methylene-bridged polyphenyl polyamines in presence of a subse¬quent solid catalyst being chosen from the group consisting of zeolites, delaminated zeolites and ordered mesoporous materials, thereby providing said methylene-bridged polyphenyl polyamines.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4129/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD AND SYSTEM FOR REGULATING THE LINEAR POSITION OF A FIFTH WHEEL

(51) International classification :B62D 53/08
(31) Priority Document No :0802508-2
(32) Priority Date :02/12/2008
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2009/051351
Filing Date :30/11/2009
(87) International Publication No :WO 2010/064979
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GUSTAV ALBERIUS
2)MORGAN COLLING
3)STEN-ERIK LESTANDER

(57) Abstract :
1. A method for regulating the linear position of a fifth wheel (4) of a vehicle combination (1, 2) while the latter is in motion, which comprises: - a tractor unit (1) with a driving cab (3) and a fifth wheel (4) which is movable relative to the driving cab (3) in the tractor units longitudinal direction and can be set in various linear positions relative to the driving cab (3) by means of a switching device (21), and - a semi-trailer (2) with a coupling means (6), which semi-trailer is coupled to the tractor unit (1) by engagement between the semi¬trailers coupling means (6) and the tractor units fifth wheel (4), the linear position of the fifth wheel (4) being regulated automatically on the basis of the vehicle speed, characterised in - that forward movement of the fifth wheel (4) ordered in response to an increase in the vehicle speed, in order to reduce the distance between the driving cab (3) and the semi-trailer (2), is effected at a faster rate of movement of the fifth wheel at times when the tractor unit (1) is performing a gear change operation than at times when the tractor unit (1) is not performing a gear change operation, and/or - that braking of the semi-trailer (2) relative to the tractor unit (1) is ordered when a rearward movement of the fifth wheel (4) to increase the distance between the driving cab (3) and the semi-trailer (2) has to be effected in response to a decrease in the vehicle speed, in order thereby to facilitate the rearward movement of the fifth wheel (4).

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4134/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ELECTRIC POWER SUPPLYING SYSTEM

(51) International classification :H04B 3/54
(31) Priority Document No :2008-319679
(32) Priority Date :16/12/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/069258
Filing Date :12/11/2009
(87) International Publication No :WO 2010/070998
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHIGERU TAJIMA

(57) Abstract :
An electric power supplying system is provided that includes at least two systems each including: a bus line which is formed by at least two conductors and on which an information signal representing information is superimposed on electric power; at least one power supply server which is connected to the bus line and which supplies the electric power; and at least one client which is connected to the bus line and which receives the supply of the electric power from the power supply server. The at least two systems are connected to each other by connecting the bus lines using conductors. The conductors include a connector having at least two electrodes that connect with each of the conductors forming the bus line. The connector has a structure in which, when the connector is connected to the bus line, one of the electrodes is connected to the bus line in advance of the other electrode.

No. of Pages : 42 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4130/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ILIAC CANAL PROSTHESIS

(51) International classification :A61F 2/32
(31) Priority Document No :61/119,210
(32) Priority Date :02/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/066457
Filing Date :02/12/2009
(87) International Publication No :WO 2010/065672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JEFFREY JOEL SHEA
3)DAVID C. KELMAN
4)JEFFREY A. SHARP

(57) Abstract :
An acetabular prosthetic device for implantation in an iliac canal and acetabulum of an ilium comprises a stem and an acetabular component. The stem may be configured to be implanted in the iliac canal. The acetabular component may be configured to be implanted in the acetabulum and fixed to the stem. The acetabular component may further comprise a connection portion to adjustably connect the acetabular component to the stem such that the acetabular component is configured to be oriented in a plurality of orientations before being fixed to the stem.

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4131/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ENERGY CONVERSION DEVICE

(51) International classification :H01L 31/0256
(31) Priority Document No :61/200,632
(32) Priority Date :02/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/006329
Filing Date :01/12/2009
(87) International Publication No :WO 2010/065099
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NATHANIEL R. QUICK
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(57) Abstract :
An energy conversion device and method of making is disclosed for converting energy between electromagnetic and electrical energy. The energy conversion device comprises a wide bandgap semiconductor material having a first doped region and a second doped region formed in situ by a thermal energy beam. In one embodiment, the energy conversion device operates as a light emitting device to produce electromagnetic radiation upon the application of electrical power. In a second embodiment, the energy conversion device operates as a photovoltaic device to produce electrical power upon the application of electromagnetic radiation. In a third embodiment, the energy conversion device is formed through the conversion of an insulating material. The photovoltaic device may be combined with a solar liquid heater for providing electrical power and heated liquid upon the application of electromagnetic radiation.

No. of Pages : 83 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4140/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : INHIBITORS OF DIACYLGLYCEROL ACYLTRANSFERASE

(51) International classification :A01N 43/54
(31) Priority Document No :61/138,157
(32) Priority Date :17/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/068048
Filing Date :15/12/2009
(87) International Publication No :WO 2010/077861
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FIROOZNIA, FARIBORZ
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(57) Abstract :
Provided herein are amides containing at least a four ring structure, which are inhibitors of diacylglycerol acyltransferase and are useful for the treatment of diseases such as, for example, obesity, type II diabetes mellitus and metabolic syndrome.

No. of Pages : 93 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4141/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A PEPTIDE POWDER FORM

(51) International classification :A61K 9/16
(31) Priority Document No :08172689.5
(32) Priority Date :23/12/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/067188
Filing Date :15/12/2009
(87) International Publication No :WO 2010/072621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)STEIDLE, PETER
6)STRUB, DANIEL
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8)WALCH, CHRISTIAN

(57) Abstract :
The invention comprises a process for the production of a freely flowable homogenous powder form of a GLP-1 peptide analogue. The process is characterized in that a solution of the peptide analogue in an aqueous organic solvent that is preferably directly obtained from the chromatographic purification process, is subjected to a spray drying process and recovered in the form of a freely flowable homogenous powder.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4142/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : INHIBITORS OF DIACYLGLYCEROL ACYLTRANSFERASE

(51) International classification :C07D 405/00
(31) Priority Document No :61/119,467
(32) Priority Date :03/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/064971
Filing Date :18/11/2009
(87) International Publication No :WO 2010/065310
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HAYDEN, STUART
3)QIAN, YIMI
4)YUN, WEIYA

(57) Abstract :
Provided herein are compounds of the formula (I): as well as pharmaceutically acceptable salts thereof, wherein the substituents are as those disclosed in the specification. These compounds, and the pharmaceutical compositions containing them, are useful for the treatment of diseases such as, for example, obesity, type II diabetes mellitus and metabolic syndrome.

No. of Pages : 96 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4135/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : BROMINATED FLAME RETARDANTS AND PRECURSORS THEREFOR

(51) International classification :C08F 12/08
(31) Priority Document No :61/119,289
(32) Priority Date :02/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/066134
Filing Date :30/11/2009
(87) International Publication No :WO 2010/065468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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11)JORGE MORICE
12)ZHONGXIN GE

(57) Abstract :
Described are a particular group of novel aromatic hydrocarbon telomers that, on bromination, result in the formation of novel flame retardants having a uniquely beneficial combination of properties. The resultant flame retardants and uses thereof are also described. The disclosure includes descriptions of methods for preparing both the aromatic hydrocarbon telomers and the brominated flame retardant polymers.

No. of Pages : 141 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4144/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : DISPENSING CONTAINER

(51) International classification :B65D 1/32
(31) Priority Document No :0822447.9
(32) Priority Date :09/12/2008
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2009/002794
Filing Date :01/12/2009
(87) International Publication No :WO 2010/067047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MONDSZEIN, KARL

(57) Abstract :
A dispensing container for dispensing a two-component liquid comprises an outer resilient container (2) for containing one component with a neck (4) defining an opening and an inner tubular container (16). The outer surface of the inner container (16) is sealed to the inner surface of the neck (4). The inner container (16) contains a piston (20, 22) slidably received within it. A closure member (18) which extends over the entire area of the inner container and closes its lower end (16). The piston and the inner container define a reservoir for containing the upper component. The neck (4) carries a closure cap (10,12) which affords a liquid dispensing opening (38). A first non-return valve (24, 32) communicates with the liquid dispensing opening (38) and with the interior of the inner container (16). An airflow path extends through the closure cap (10, 12) and the piston (20, 22) and includes a second non-return valve. The first non-return valve is arranged to permit liquid to flow from the inner container to the liquid dispensing opening and the second non-return valve is arranged to permit air to flow through the airflow path into the inner container. The closure cap (10, 12) cooperates with the piston (20, 22) and is movable relative to the neck, whereby movement of the closure cap in the downward direction results in movement of the piston towards the closure member. A finger (13) connected to the piston contacts the closure member (18) and moves it and thus opens the inner container, thereby permitting the component within it to fall down into the component within the outer container.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4136/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A SURVEILLANCE SYSTEM COMPRISING A RADAR ANTENNA MOUNTED ON A BLADE OF A WINDMILL

(51) International classification :G01S 13/90
(31) Priority Document No :08170468.6
(32) Priority Date :02/12/2008
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2009/065999
Filing Date :27/11/2009
(87) International Publication No :WO 2010/063656
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
There is disclosed a surveillance system for detecting targets. The system comprises a radar antenna mounted on a blade of a windmill.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4137/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : DETECTING SMALL AMOUNTS OF SUBSTANCES

(51) International classification :G01J 3/06
(31) Priority Document No :0802612-2
(32) Priority Date :18/12/2008
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2009/051440
Filing Date :17/12/2009
(87) International Publication No :WO 2010/071579
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)OSTMARK HENRIC

(57) Abstract :
1. A method of determining whether an object contains a subistance or molecules of a definite kind, in particular a hazardous substance or molecules of a hazardous substance such as an explo¬sive or a component of an explosive, the object being illuminated with light of a definite wavelength and the scattered light being analyzed in order to obtain a Raman-spectrum or a similar spectrum, the light scattered by the object being collected and concentrated by an optical system, in particular an optical system of the telescope type, characterized in - that in illuminating the object an area of the surface of the object is illuminated, - that light from the illuminated area is collected and concentrated by the optical system, - that the collected light is detected by a plurality of individual picture elements in a picture element array providing detection signals, and - that in analyzing the scattered light, the detection signals from each of the individual picture ele¬ments are individually analyzed.

No. of Pages : 15 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4138/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A BODY WASTE COLLECTING DEVICE COMPRISING A LAYERED ADHESIVE CONSTRUCTION WITH A FILM LAYER

(51) International classification :A61F 5/443
(31) Priority Document No :PA 2008 01728
(32) Priority Date :08/12/2008
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2009/050322
Filing Date :07/12/2009
(87) International Publication No :WO 2010/066254
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ESBEN STROEBECH
2)MADS LYKKE
3)ANDERS BACH

(57) Abstract :
1. A body waste collecting device comprising - a collecting pouch - an adhesive wafer for attachment to the body, comprising - a backing layer - at least one intermediate layer of adhesive - a skin facing layer of adhesive - a film layer, wherein the intermediate layer of adhesive and the skin facing layer of adhesive comprise liquid impermeable, moisture permeable soft adhesives and the film layer is positioned between the skin facing layer of adhesive and the intermediate layer of adhesive.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4139/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD AND DEVICE FOR THE SEMI-ACTIVE REDUCTION OF PRESSURE OSCILLATIONS IN A HYDRAULIC SYSTEM

(51) International classification :B21B 37/00
(31) Priority Document No :A1896/2008
(32) Priority Date :05/12/2008
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2009/066020
Filing Date :30/11/2009
(87) International Publication No :WO 2010/063664
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GEORG KEINTZEL
2)ANTON PIRKO

(57) Abstract :
The invention relates to a method and an apparatus for semiactive reduction of pressure oscillations in a hydraulic system of a cold or hot rolling mill or strip handling installation for iron, steel or aluminum materials. The object of the invention is to provide a method and an apparatus by means of which pressure oscillations which occur can be effectively reduced by means of a simple and low-cost apparatus. This object is achieved by a method of the type mentioned initially, comprising the following method steps in the stated sequence: a) detection of a pressure signal by means of a pressure sensor by permanent measurement of a pressure in the hydraulic system; b) determination of an alternating component of the pressure signal; c) determination of at least one manipulated variable, which varies over time, in real time with the aid of a regulator, taking account of the alternating component; d)application of the manipulated variable to at least one actuator, with the actuator changing a natural frequency of an oscillation damper which is connected to the hydraulic system, and thus reducing an amplitude of the pressure oscillations in the hydraulic system.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4147/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD FOR PREPARING ACROLEIN FROM GLYCEROL OR GLYCERINE

(51) International classification :C07C 45/52
(31) Priority Document No :08/58624
(32) Priority Date :16/12/2008
(33) Name of priority country :France
(86) International Application No :PCT/FR2009/052577
Filing Date :16/12/2009
(87) International Publication No :WO 2010/076510
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LORIDANT, STEPHANE
3)MILLET, JEAN-MARC
4)LAURIOL-GARBEY, PASCALINE

(57) Abstract :
The invention relates to a method for preparing acrolein from glycerol or glycerine, comprising dehydrating glycerol or glycerine in the presence of a catalyst consisting of at least a) a mixed oxide of zirconium and at least one metal, said metal being selected from niobium, tantalum and vanadium, b) a zirconium oxide and at least one metal oxide, the metal being selected from niobium, tantalum and vanadium, c) a silicon oxide and a mixed oxide of zirconium and at least one metal, the metal being selected from tungsten, cerium, manganese, niobium, tantalum, titanium, vanadium and silicon, d) a silicon oxide and a mixed oxide of zirconium and at least one metal, the metal being selected from tungsten, cerium, manganese, niobium, tantalum, vanadium and titanium, e) a titanium oxide and a mixed oxide of zirconium and at least one metal, said metal being selected from tungsten, cerium, manganese, niobium, tantalum, titanium, vanadium and silicon, f) a titanium oxide and a mixed oxide or zirconium and at least one metal, said metal being selected from tungsten, cerium, manganese, niobium, tantalum, titanium, vanadium and silicon. The method can be used for producing -3-(methylthio)propionic (MMP) aldehyde, 2-hydroxy-4-methylthiobutyronitrile (HMTBN), methionine and analogues thereof from acrolein.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4148/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CRICKET PRACTISE APPARATUS

(51) International classification :A63B 69/00
(31) Priority Document No :0820179.0
(32) Priority Date :04/11/2008
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2009/002608
Filing Date :04/11/2009
(87) International Publication No :WO 2010/052458
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KLIMCKE, ANDREW, E., S.

(57) Abstract :
A cricket practise apparatus comprises at least one panel (1) for displaying a background representation, such as a representation of a cricket ground, and at least one element (7) to be mounted on the background panel (1). The element (7) to be mounted on the panel (1) represents a fielder at a fielding position and a plurality of such elements (7) can be provided for mounting at different positions on the panel (1) or on a further panel. The elements (7) to be mounted on the panel may be of different sizes to indicate the relative distance from the batsman of the fielding position using a perspective effect.

No. of Pages : 18 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2011

(21) Application No.4149/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COMPOSITIONS AND METHODS FOR CONTROLLING DISEASE IN ANIMALS

(51) International classification :C12N 1/00
(31) Priority Document No :61/121,258
(32) Priority Date :10/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/005303
Filing Date :24/09/2009
(87) International Publication No :WO 2010/068231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JAMES SKINNER
2)DOUG RUPP

(57) Abstract :
Disclosed herein are compositions for the treatment of a disease in an animal including yeast extract of Saccharomyces cerevisiae, Bacillus licheniformis or Bacillus subtilis spores, and a carrier. Also included are animal feed compositions including the composition for the prevention, control and/or treatment of a disease in an animal and an animals food/feed. The compositions are useful to prevent, control, and treat diseases such as necrotic enteritis in poultry when used in combination with an anticoccidal ionophore or coccidiosis vaccine.

No. of Pages : 33 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4091/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A NEW PROCESS FOR PREPARING 4-[4-METHYL-5-(CL-10ALKYLTHIO/C5-10ARYL-CL-6ALKYLTHIO)-4H-1,2,4-TRIAZOL-3-YL] PYRIDINES

(51) International classification :C7D 401/04
(31) Priority Document No :61/122,044
(32) Priority Date :12/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE09/051404
Filing Date :11/12/2009
(87) International Publication No :WO 2010/068172
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TIM STAHLBERG

(57) Abstract :
The invention relates to a method of manufacturing a compound according to formula I wherein R is C1-6alkylor C5-10aryl-C1-6alkyl, comprising the steps of: a) reacting isonicotinohydrazide and methyl isothiocyanate, thereby obtaining 2-isonicotinoyl-N-methylhydrazinecarbothioamide; b) under alkaline conditions allowing said 2-isonicotinoyl-N- methylhydrazinecarbothioamide to undergo a ring-forming reaction, thereby obtaining 4-methyl-5-pyridin-4-yl-2,4-dihydro-3H-l,2,4-triazole-3-thione; and c) under alkaline conditions allowing said 4-methyl-5-pyridin-4-yl-2,4-dihydro-3H-1,2,4- triazole-3-thione to react with R-X, wherein R has the same meaning as in formula I and X is selected from the group of C1, Br and I, thereby obtaining a compound according to formula I; wherein steps a), b) and c) are carried out in an aqueous environment without intermediate isolations.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4193/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD AND APPARATUS TO ACCELERATE AND IMPROVE EFFICIENCY OF BUSINESS PROCESSES THROUGH RESOURCE ALLOCATION

(51) International classification :G06Q 30/00
(31) Priority Document No :61/198,338
(32) Priority Date :05/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/005946
Filing Date :03/11/2009
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOCH, DEREK, MICHAEL

(57) Abstract :
The present invention is directed to a computer-implemented method, system and apparatus to enable data-driven, multi-channel communications to facilitate business processes. By providing more than one channel for communication between market participants, which includes suppliers and consumers, real-time requests for information, services, or the like can be solicited in a way that those selected to provide responses have certain attributes, and the supplier is selected for the solicitation automatically and instantaneously notified of the request based on automatic selection of those attributes. The notification is instantaneously communicated using more than one channel of communication, potentially in a mode that the potential supplier has indicated is a more likely way of actually and instantly receiving the request. The system further provides at least one mechanism by which all of the selected suppliers can instantly respond to the request, which is then communicated to the requestor.

No. of Pages : 57 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4194/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A COMMUNICATION METHOD COMPRISING A FIRST COMMUNICATION DEVICE

(51) International classification :H04L
(31) Priority Document No :1017388
(32) Priority Date :16/02/2001
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL02/00099
Filing Date :15/02/2002
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :4052/DELNP/2003
Filed on :07/06/2010

(71)**Name of Applicant :**
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2)MARTIJN GNIRREP

(57) Abstract :
A communication method, comprising a first communication device comprising a device for either generating or maintaining an organic data network having a dynamic topology, said device comprising a data processmg unit at least one data connection to a data network to which several communication systems provided with a data processing unit are connected by means of a data connection, and software having a receiving routine for receiving data packages of at least one transmitting communication system in said data network, a transmission routine for transmitting data packages, received from said transmitting system or systems in said data network to at least one receiving system that is connected to said data network, wherein a first communication device is engaged in a first conversation with a second communication device, and during said first conversation sends on a second conversation between another communication device and yet another communication device or a method for distributing data from a first motor vehicle to a plurality of motor vehicles comprising at least a second and third motor vehicle, said first, second and third motor vehicles each comprising a device for either generating or maintaining an organic data network having a dynamic topology, said device comprising a data processing unit, at least one data connection to a data network to which several devices provided with a data processing unit are connected by means of a data connection, and software having a receiving routine for receiving data packages, comprising at least part of the media content, of at least one transmitting device in said data network, a transmission routine for transmitting data packages, comprising at least part of the media content received from said transmitting device or devices in said data network, to at least one receiving device that is connected to said data network, independent of said transmitting device or devices, wherein the device of said second motor vehicle sends at least one first request for data to at least the device of the first motor vehicle, and in reply to the at least one first request for the data, receives one or more parts of the data from at least the device of the first motor vehicle, and wherein the device of said third motor vehicle sends at least one second request for data to at least the device of the second motor vehicle, and in reply to the at least one second request for the data, receives from at least the device of the second motor vehicle one or more parts of the data, which one or more parts were received by the second motor vehicle as a result of the first request.

No. of Pages : 76 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/06/2011

(21) Application No.4119/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : FRUIT AND VEGETABLE-DERIVED COMPOSITIONS

(51) International classification :A61K 36/73
(31) Priority Document No :196,695
(32) Priority Date :25/01/2009
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2010/000058
Filing Date :24/01/2010
(87) International Publication No :WO 2010/084496
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PERRY CHAIM

(57) Abstract :
This invention provides fruit and vegetable-derived compositions comprising a fruit or vegetable derivative of, inter alia, at least one Beta, Capsicum and Malus species, wherein the composition is at a pH in the range of about 3 to about 6.5. The invention further provides for process for the production of the same and uses thereof.

No. of Pages : 24 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4195/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ANAGRELIDE AND ANALOGUES

(51) International classification :C07D 487/04
(31) Priority Document No :0822970.0
(32) Priority Date :17/12/2008
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2009/051621
Filing Date :30/11/2009
(87) International Publication No :WO 2010/070318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The present invention relates to a novel process for production quinazoline compounds which are useful in therapy. More specifically, the compounds produced by the process of the invention are useful in the treatment of a number of cardiovascular diseases. The process of the invention provides 6,7-dichloro-l,5-dihydroimidazo [2,1 -b] quinazolin 2 (3H)-one, more, commonly known as anagrelide and its analogues in a clean and efficient manner.

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4196/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : VESICLE PREPARATION

(51) International classification :A61K 9/127
(31) Priority Document No :2008-301763
(32) Priority Date :26/11/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/069933
Filing Date :26/11/2009
(87) International Publication No :WO 2010/061880
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HACHISU, REI
4)MIZUTANI, YUKIO
5)SUDO, MASAYUKI

(57) Abstract :
The present inventors conducted dedicated studies to achieve the objectives described above. As a result, the present invention demonstrated that when vitamin E was adsorbed or chemically linked to the surface of vesicles, bioactive substances in the vesicles could be efficiently and specifically delivered into hepatic parenchymal cells based on the characteristic that serum components deliver vitamin E into hepatic parenchymal cells.

No. of Pages : 43 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4197/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD FOR ENHANCING USER EQUIPMENT (UE) POWER SAVING PERFORMANCE AND UE.

(51) International classification :H04W 72/00
(31) Priority Document No :200810225699.6
(32) Priority Date :03/11/2008
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/074767
Filing Date :03/11/2009
(87) International Publication No :WO 2010/060341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LI GUOQING CHEN LI GAO ZHUO

(57) Abstract :
A method for enhancing power saving performance of user equipment (UE) is provided. The method includes the following steps: a UE receives the downlink data transmitted by an evolved node B (eNB); the UE starts a corresponding RTT Timer according to the received downlink data, the timing of the RTT Timer is determined based on the uplink/downlink (UL/DL) configuration and the sub-frame number of the downlink sub-frame carrying the downlink data by the UE; and the UE controls the discontinuous reception (DRX) process according to the RTT Timer. By re-defining the RTT Timer, the present invention can improve power saving performance of the UE in TDD system effectively.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4199/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : APPARATUS AND METHOD FOR SERVICING A WELLBORE

(51) International classification :E21B 43/119
(31) Priority Document No :12/327,600
(32) Priority Date :03/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2009/002808
Filing Date :02/12/2009
(87) International Publication No :WO 2010/064010
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PIPKIN, ROBERT
3)HRISCU, LOSIF, J

(57) Abstract :
A wellbore servicing apparatus, comprising a first mandrel movable longitudinally along a central axis and rotatable about the central axis, an orienting member configured to selectively interfere with movement of the first mandrel along the central axis, and a second mandrel connected to the first mandrel and configured to rotate about the central axis when the first mandrel rotates about the central axis. A method of orienting a wellbore servicing tool, comprising connecting an orienting tool to the wellbore servicing tool, identifying a predetermined direction, increasing a pressure within the orienting tool, rotating a portion of the orienting tool in response to the increase in pressure within the orienting tool, and rotating the wellbore servicing tool in response to the rotating of the portion of the orienting tool.

No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4200/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : MASTER LINK FOR A TRACK CHAIN

(51) International classification :B62D 55/20
(31) Priority Document No :12/314,591
(32) Priority Date :12/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/067372
Filing Date :09/12/2009
(87) International Publication No :WO 2010/068689
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STEINER, KEVIN L.
3)CLARKE, DONOVAN S.
4)NASH, JEFFREY P.
5)BROOKS, JENNIFER A.
6)RECKER, ROGER L.

(57) Abstract :
A master link (62, 64) for a chain assembly (22) is provided. The master link includes a body member (66) with a first side (68), a second side (70) positioned opposite the first side, a shoe surface (76) configured to receive a track shoe (24), and a rail surface (78) positioned opposite the shoe surface. The master link also includes first and second apertures (72, 74) extending through the body member from the first side to the second side and third and fourth apertures (80, 82) extending through the body member from the first side to the second side and located between the first and second apertures. The master link also includes a strut member (84) dividing the third and fourth apertures. The master link also includes a first gap (90) located in the body member and extending from the first aperture to the third aperture and a second gap (92) located in the body member and extending from the fourth aperture to the second aperture. The master link further includes a third gap (94) located in the strut member and extending from the third aperture to the fourth aperture.

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4201/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A MEASURING UNIT FOR MEASURING CHARACTERISTICS OF A SAMPLE LIQUID, IN PARTICULAR VISCOELASTIC CHARACTERISTICS OF A BLOOD SAMPLE

(51) International classification :G01N 33/49
(31) Priority Document No :09150740.0
(32) Priority Date :16/01/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/050454
Filing Date :15/01/2010
(87) International Publication No :WO 2010/081876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KESSLER, MAX

(57) Abstract :
The present invention is directed to a measuring unit (1) for measuring characteristics of a sample liquid (44), in particular viscoelastic characteristics of a blood sample, comprising a support member (2) having at least one upper bearing arm (3) with an upper bearing unit (14), at least one lower bearing arm (4) with a lower bearing unit (21) and a base (5) for being attachable to a respective measuring system (40); a shaft (10) having shaft toes (11, 12) and being rotatably supported about a rotation axis (20) by said upper bearing unit (14) and said lower bearing unit (21), wherein said upper bearing unit (14), said lower bearing unit (21) and said shaft toes (11, 12) form toe bearings, respectively; an interface member (24) having a detecting element (31) and a drive element (32), said interface member (24) being fixed on said shaft (10) and being connected to a coupling shaft (35) with a probe connector section (37) for measuring characteristics of said sample liquid (44); wherein said interface member (24) and the coupling shaft (35) are coaxially aligned with said shaft (10). The present invention is also directed to a corresponding measuring system (40).

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4202/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR ACCIDENT LOGGING IN AN AUTOMATED MACHINE

(51) International classification :G08G 1/017
(31) Priority Document No :12/292,990
(32) Priority Date :02/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/066388
Filing Date :02/12/2009
(87) International Publication No :WO 2010/065621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)REITZ, CLAYTON

(57) Abstract :
A system for logging visual and sensor data associated with a triggering event on a machine (102) is disclosed. The system includes a camera (214) disposed on an autonomous machine to provide a visual data output and a sensor (214) disposed on the autonomous machine to provide an operational parameter output. The system further includes a memory buffer to store the visual data output and operational parameter output of the autonomous machine, a permanent memory device to selectively store the contents of the memory buffer and a controller (208). The controller configured to detect a condition indicative of the triggering event on the autonomous machine. The controller further configured to store the contents of the memory buffer in permanent memory at a predetermined time after triggering event, said contents corresponding to the visual data output and the operational parameter output occurring before, during, and after triggering event.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4203/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : MARINE WASTEWATER TREATMENT

(51) International classification :B01D 1/00
(31) Priority Document No :61/199,676
(32) Priority Date :19/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/006183
Filing Date :19/11/2009
(87) International Publication No :WO 2010/059208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CASBEER, DANA
3)HILL, DAVID
4)BARIYA, RUBIN

(57) Abstract :
Methods and systems for treating wastewater. Wastewater slurry collected in a tank is routed by a macerator pump. The macerated slurry is piped to an electrolytic cell to oxidize and disinfect it. The slurry is then piped to an electrocoagulation cell. Suspended solid particles are flocculated in the electrocoagulation cell. The flocculated slurry is routed to a primary settling tank for separation of sludge and a substantially clarified supernatant. The supernatant is piped to a secondary clarifying tank to facilitate further separation of the sludge. The sludge is discharged to a sludge collection tank. The turbidity levels of the sludge discharged is continually monitored. When the turbidity level equals a pre-determined low value, the sludge discharge is stopped. The substantially clarified supernatant may be discharged as an effluent following dechlorination.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4215/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SIDEWALL PROTECTOR RIBS

(51) International classification :B60C 13/02
(31) Priority Document No :12/328,244
(32) Priority Date :04/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/066556
Filing Date :03/12/2009
(87) International Publication No :WO 2010/065722
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RONADL W. TATLOCK

(57) Abstract :
A pneumatic tire for use with telescopic material handlers includes a first concentrically continuous sidewall protector rib projecting radially outward from the sidewall and located above a midpoint of the sidewall. A second non-continuous sidewall protector rib is located concentrically outward of the first sidewall protector rib. The tire is a relatively low aspect ratio tire having a relatively flat sidewall profile. This provides a tire having the advantage of added sidewall protection without increasing the overall width of the inflated tire.

No. of Pages : 29 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4216/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PREPARATION OF MONOBASIC PHOSPHATE IONOPHORES

(51) International classification :C07C 273/02
(31) Priority Document No :PI 20084374
(32) Priority Date :03/11/2008
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2009/000175
Filing Date :27/10/2009
(87) International Publication No :WO 2010/062158
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AHMAD, MOHD., RAIS

(57) Abstract :
The present invention relates to the synthesis of lipophilic or immobilized monobasic phosphate (H2PO4) ionophores (7, 8a, 8b and 11) to be used as ion recognition molecules for monobasic phosphate (H2PO4) in the cocktail preparation of hydrophobic polymer membranes in ion selective electrode (ISE) or ion-sensitive field effect transistor (ISFET) chemical sensors for detection of monobasic phosphate (H2PO4) ionic species in soil, synthetic media, hydrophonic liquid, tree sap, ground water and rivers.

No. of Pages : 22 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4217/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD TO INCREASE NETWORK CAPACITY FOR WIRELESS MESH NETWORK

(51) International classification :H04W 40/02
(31) Priority Document No :PI 20084395
(32) Priority Date :04/11/2008
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2009/000184
Filing Date :04/11/2009
(87) International Publication No :WO 2010/053347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BORHANUDDIN, MOHD, ALI
4)RASHID, ABDELHALEEM, SAEED
5)MAZLAN, ABBAS

(57) Abstract :
A method (310) for increasing network capacity for wireless mesh network, comprising the steps of initiating (320) a data transmission request between a source node (110) and a destination node (130), identifying (330) a mesh node (121) from a plurality of mesh nodes (120) which is closest to the source node (110) and a target node (129) which is closest to the destination node (130), establishing (340) multiple paths from the mesh node (121) towards the target node (129), synchronizing (370) sub-frame in the frame header for transferring packet data to the target node (129), fragmenting (380) the packet data into sub-packets to assign (390) and route (400) the sub-packets into the multiple paths, and aggregating (410) the sub-packets based on synchronization signals, arriving at the target node (129) the multiple paths at different time delay intervals, into data to be sent to the destination node (130).

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4218/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COOPERATIVE RELAYING DATA METHOD AND SYSTEM FOR WIRELESS MESH NETWORK

(51) International classification :H04B 7/02
(31) Priority Document No :PI 20084394
(32) Priority Date :04/11/2008
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2009/000186
Filing Date :04/11/2009
(87) International Publication No :WO 2010/053348
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SAEED, RASHID ABDELHALEEM
3)AZIZUL RAHMAN, MOHD SHARIFF
4)BORHANUDDIN, MOHD, ALI

(57) Abstract :
The present invention discloses a method and system of cooperative data relay in a wireless mesh network. The system comprises at least one multi-hop relay base station (MR- BS) (100) and a plurality of relay station (RS) (200) which are configured to support mesh connections. The method in accordance with the preferred embodiments of the present invention provides capabilities to enable optimal data transmission by way of cooperative relay between the relay stations (RS) (200). Data transmission is initiated upon established the optimized multiple paths with respect to the relay stations (RS) (200). The determination of the optimized multiple paths is based the details of relays stations (RS) (200) provided to the reference table and centralized scheduling at the multi-hop relay station (MR-BS) (100). The reference table and centralized scheduling include, but not limiting to, all details and status pertaining to the plurality of relay stations (RS) (200) within the network, network condition and traffic type.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2011

(21) Application No.4219/DELNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SPARK-IGNITED INTERNAL COMBUSTION ENGINE

(51) International classification :F02D 15/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/058869
Filing Date :01/03/2009
(87) International Publication No :WO 2010/125696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)OKADA YOSHIHIRO

(57) Abstract :
A spark ignition-type internal combustion engine of the present invention is provided with a variable compression ratio mechanism able to change a mechanical compression ratio (A), a variable valve timing mechanism able to control a closing timing of an intake valve (B), and an EGR mechanism (23, 24, 25) feeding part of the exhaust gas through the EGR passage as EGR gas into a combustion chamber. In the spark ignition type internal combustion engine, at the time of engine low load operation, compared with at the time of engine high load operation, the mechanical compression ratio is made higher. The higher the EGR rate, the higher the actual compression ratio is made.

No. of Pages : 52 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2009

(21) Application No.1249/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A LIQUID DETERGENT COMPOSITION HAVING IMPROVED LOW TEMPERATURE STABILITY

(51) International classification :C11D1/66
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)UNNATHAN SHEKHAR

(57) Abstract :
A hand dishwashing liquid detergent composition comprising an effective amount of N-long chain acyl neutral amino acid or a salt thereof, an anionic surfactant, an amphoteric surfactant, an inorganic salt; optionally, a nonionic surfactant, optionally, a polyol, and water with improved uniformity, prolonged low temperature stability and optimum viscosity. The present invention provides method of producing hand dishwashing liquid detergent composition of present invention.

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2009

(21) Application No.1727/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : IMPROVEMENTS IN ENGINE STARTING MECHANISM FOR PREVENTING DAMAGE DUE TO TORSIONAL IMPACT LOADS

(51) International classification :F02N11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BHIMRAO BARIKRAO KADAM
2)DINESH KRISHNA SURYAVANSHI

(57) Abstract :
Disclosed is an engine starting mechanisms and more particularly damping devices that reduce impact loads arising from variations in angular velocity of engines from plurality of engine cranking strokes. The present invention further relates to a coupling member assembly for installation in a torque-transmitting drive connection with connecting parts for fastening to the driving and driven sides of the drive connection.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2008

(21) Application No.1892/MUM/2008 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CAMPAIGN MANAGEMENT AND ANALYSIS SYSTEM AND METHOD

(51) International classification :G06Q10/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PRATAD D SINGH
4)VAMSI MANNE
5)RAMESWAR MISRA
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(57) Abstract :
A system and method that provides efficient management and analysis of campaigning is described. In one embodiment the method involves receiving inputs from user and maintaining performance of a campaign in a database to be used for further analysis and comparison with actual performance parameters of a campaign for later evaluation and deal making. 16 -8SBP2O08

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2009

(21) Application No.2000/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SPRINGLESS DIN CLIP DEVICE FOR SWITCHING DEVICES

(51) International classification :H02B1/052
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The various embodiments of the present invention provide a DIN clip for mounting switching devices on DIN rail. According to one embodiment of the present invention, a springless DIN clip device has a base frame provided with a recess. A locking projection and a stay put locking feature are arranged in the recess. Atleast one guide rail is provided in the recess. A tapered projection is provided at one edge of the base frame. The locking projection formed in the recess is made to engage with the housing of the switching device in a resilient manner to latch the switching device with the rail on which the switching device is mounted. The locking projection acts as a spring like structure so that the projection is deflected to disengage the switching device from the rail.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2009

(21) Application No.2214/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ADVANCED STEERING SYSTEM WITH LOW SPEED ASSIST

(51) International classification :B62D15/00,
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MR. PREESTY THOMAS J
4)MR. SHIRGUPPE ABHIJEET A

(57) Abstract :
Park-Assist Electric Power Steering System comprises a Steering Column, Reversible Electric DC Motor, ECU, sensor capturing steering rates, Left & Right turn signals and Vehicle speed signal, wherein said Electric Motor is coupled to a reduction gearbox which gives output on both the sides. The output of the reduction gearbox is coupled to the upper portion of the column on one side; where as the other end is connected to the lower end of the column. The steering angle sensor is mounted on the steering column. Left & Right turn signals from the combination switch, vehicle speed sensor, steering angle sensor and vehicle battery is fed to the controller. Depending on the programmed logic in the ECU, motor will rotate in clockwise or counter clockwise directions and thus provides required power assistance in desired direction.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2009

(21) Application No.2329/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : HERBAL MILK REPLACER COMPOSITIONS FOR CALF

(51) International classification :A23K1/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DR. PRASHANT N PATIL

(57) Abstract :
The present invention relates generally to herbal milk replacer compositions for feeding animals, particularly young animals, and its method of making and feeding, and more particularly relates to shelf-stable and cheaper herbal milk replacer compositions for body weight gain along with overall development of calves to early complete functional maturity and also prevents any infection by acting as immunobooster. The herbal milk replacer compositions comprises effective amount of an mixture of herbal extract and/or at least one bioactive fraction from medicinal herbs and one or more additives selected from Energy Source, Protein Source, Chelated/organic Mineral Mixture, Vitamins, Salt, Toxin destroyer and Biocide; and process for the preparation of such extracts and herbal milk replacer compositions. The mixture of herbal extract comprising medicinal herbs selected from Emblica officinalis, Tinospora cordifolia, Embelia basaal, Cyprus rotundus, Asparagus racemosus and Lepidium sativam. The effective amount in the composition is 1 to 10 % (w/w) herbal mixture, 30 to 70 % (w/w) Energy Source, 20 to 70% (w/w) Protein Source, 2% (w/w) Chelated/organic Mineral Mixture, 1% (w/w) Salt, 0.1% (w/w) Vitamins, 0.1% (w/w) Toxin Destroyer, 0.03% (w/w) Biocide.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2009

(21) Application No.2533/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : BAND LIGATOR SET BARREL WITH 6 LOADED BANDS.

(51) International classification :A61B1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Thorough understanding of the technical procedural principles-Clinical application and risks associated with Gastrointestinal. Endoscope and variceal ligation thereof is essential before using this instrument.. 3. This instrument is to be used by, under personal supervision of G.I.Endscopist thoroughly trained, and familiar with therapeutic endoscopy and variceal ligation. This instrument is not intended for ligation of varices below gastro esophageal junction Banding should begin at gastro esophageal junction and. proceed up the esophagus It not advised to. pass the endoscope over previously placed band it May displace-discharge the band. Banding should be avoided to small varices-it may not be effective.

No. of Pages : 21 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2009

(21) Application No.2534/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SPHINCTER TOME

(51) International classification :A61B1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
This device should only be used by or under supervision of endoscopes thoroughly trained in endoscope ERCP Procedures A complete understanding of technical principles, clinical Complications and risk associated in Procedures are necessary before using this device. 3. Use of this device for any other burbose than the stated intended use is not advised, 4. Check up instructions prior to use:-(A) Check the tip and outer sheath for any dent, kink or acute or damage If so please do not use the instrument, Discard it, (B) Remove the metal stylet from tip Check the handle m0oveement while holding the outer sheath straight-it should open out and pulled. (C) Check the viability of Flush port (Injection Solution introducing port) if blockage or leak-Do not use that instrument, (D) Check the viability of wire guide port by passing appropriate (0.03inch) wire guide through if evenly. Check active cord. (E) This Instrument uses electric current so careful handling during procedure is required to avoid damage to Endoscope or patient.

No. of Pages : 15 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2009

(21) Application No.2535/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : IMPROVED PROCESS FOR PREPARATION OF TELMISARTAN AND ITS INTERMEDIATE.

(51) International classification	:C07D235/18	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)CALYX CHEMICALS AND PHARMACETICALS LTD.**
(32) Priority Date	:NA	Address of Applicant :2, MARWAH'S COMPLEX,
(33) Name of priority country	:NA	SAKIVIHAR ROAD, SAKINAKA, ANDHERI(E), MUMBAI-
(86) International Application No	:NA	400 072, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	:N/A	**1)LAL BANSI**
(61) Patent of Addition to Application Number	:NA	**2)BAPAT CHINTAMANI PRABHAKAR**
Filing Date	:NA	**3)PEDDIREDDY JAGANMOHAN REDDY**
(62) Divisional to Application Number	:NA	**4)DHEER SUSHIL JOGINDER PAL**
Filing Date	:NA	**5)MAHADIK DILIP R.**

(57) Abstract :
The present invention provides an improved process for the preparation of telmisartan of formula I and its intermediate. The process of the present invention comprises the condensation of 2-n-propyl-4-methyl-6-(l-methylbenzimidazol-2-yl)benzimidazol of formula III and 4-bromomethyI-2-cyanobiphenyl (cyano compound) of formula IV in the presence of keto solvent to get an intermediate, cyano telmisartan of formula II at 10-40° C, followed by the hydrolysis of the cyano telmisartan using glycerol as a selective eco-friendly solvent.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2009

(21) Application No.2547/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AUTOMATICALLY CONNECTING REMOTE NETWORK EQUIPMENT THROUGH A GR□PHICAL USER INTERFACE□

(51) International classification :H04L12/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Huan LIU
2)Dan ORBAN

(57) Abstract :
Embodiments of the present invention provide a method and system for designing a test network in an integrated application, and configuring remote network devices through a network design application to test a network design. One embodiment of the present claimed subject matter is provided as a system for automatically configuring remote network devices to simulate a network connection. The system includes a plurality of computing devices which are physically coupled to one or more network devices, wherein the network devices are automatically configured to comprise a test network corresponding to a remote test network topology design.

No. of Pages : 62 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2009

(21) Application No.2562/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : RELATIONAL FUZZY MODEL BASED OPTIMIZATION OF VAPOUR ABSORPTION REFRIGERATOR.

(51) International classification :F25B30/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DAMLE VIRAJ GANGADHAR

(57) Abstract :
A system and a method of optimization of a vapor absorption refrigeration (VAR) system having a generator unit are disclosed. The method for optimization of a vapor absorption refrigeration (VAR) system having a generator unit, the method includes identifying at least one target value for optimization; calculating an effective target value for optimization, identifying a biogas output using the biogas input parameters and the relational fuzzy model, and computing an optimal setting of the plurality of fuel sources using the at least One target value identified by the target identification unit and the biogas output. Other embodiments are also disclosed.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2009

(21) Application No.2584/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : EARLY WARNING SYSTEM FOR UNMANNED RAILWAY CROSSING USING INFRA RED LIGHT SENSOR PLACED AT RAILWAY TRACK

(51) International classification :B61L23/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SANTOSH ARVIND PRADHAN

(57) Abstract :
We have placed Infra Red light sensors at the Railway tracks of Railway network. A continuous beam of Infra Red Light is generated on the track. When a train passes on the track, the beam is interrupted and pulses are generated. The pulses are transmitted to the data processing unit where it is filtered, processed and analyzed for further to issue of early warning by way of warning lights and sound siren at the unmanned Railway crossing.

No. of Pages : 9 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2009

(21) Application No.2589/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : HYPER-EFFICIENT MOTOR/GENERATOR

(51) International classification	:B60K6/00 , H02K33/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)RAHUL KRISHNA

(57) Abstract :
A new motor/ generator, capable of producing many times the efficiency of conventional motors, is disclosed here. The motor comprises an input power source (either an internal combustion engine or an electrical engine or a hydro-powered turbine or a steam-powered turbine or any other mechanical power source), a two-stage piston (with the first stage piston attached to the power source at one end and to the second stage piston at the other end and the second stage piston being attached to the crankshaft at the opposite end and also attached to a fixed platform with a nut - and - bolt mechanism) and a crankshaft. The crankshaft can be attached to an alternator, thus creating a generator capable of producing electricity.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2009

(21) Application No.2623/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : FREE FLOWING DETERGENT GRANULE

(51) International classification :C11D11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOTTUKAPALLY JIJI PAUL
3)BATTACHARYA PRIYADARSHI
4)NADAKATTI SURESH MURIGEPPA

(57) Abstract :
The present invention is in the field of detergent granules. The invention particularly relates to free flawing detergent granules comprising a high concentration of liquid active material Produced by non tower route (NTR). It is an object of the present invention to provide a solid detergent granule comprising a high amount of liquid active (surfactant). It has been found that a granule comprising up to 30% by weight of the granule of a surfactant that is a liquid at room temperature, or added in the form of a liquid solution in the core of the granule and which is coated with an inorganic layering agent, shows both good flow properties and detergency benefits.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2009

(21) Application No.2631/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : RETROFITTING FOR STEEL TOWER STRUCTURE

(51) International classification :E04H12/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MOHAN K. ABICHANDANI
2)RAGHUNATH T.V.

(57) Abstract :
A retrofitting device to be adapted along an existing leg member of a tower comprises of elements which are coupled and gripped together in an arrangement such that a force acting on the elements due to incident wind energy is counter-balanced over the device as the arrangement provides elasticity between the coupled elements which increases lateral and torsional strength to provide structural integrity and load balance to the tower.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2009

(21) Application No.2657/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : INHALATION SOLUTIONS

(51) International classification :A61K31/46
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI - 400 008, Maharashtra India
(72)**Name of Inventor :**
1)LULLA AMAR
2)MALHOTRA GEENA

(57) Abstract :
A inhaler for an inhalation formulation, comprising a canister containing a pharmaceutical composition under pressure; a metering valve for measuring a metered dose of the composition from the canister for administration to a patient in need thereof; and an actuator for actuating discharge of the metered dose to the patient; wherein the actuator includes a discharge orifice having a diameter in the range 0.2 to 0.4 mm; and wherein the pharmaceutical composition comprises an anticholinergic agent and a pharmaceutically acceptable propellant.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/11/2009

(21) Application No.2674/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A CATHETER SYSTEM FOR PREVENTING AND TREATING RESTENOSIS IN CORONARY AND PERIPHERAL ARTERIES, IN A SINGLE VESSEL OR BIFURCATION

(51) International classification	:A61B17/00 ,A61M29/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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3)ROSSI RODRIGO
4)RAUDLAES JOSE JESUS CASCO
5)RODRIGUES JUNIOR LUIZ FERNANDO
6)BORTOLINI MARCO AURELIO GHILOSSO
7)ZAGO ALCIDES JOSE

(57) Abstract :
A catheter system for preventing and treating restenosis in coronary or peripheral arteries, in a single vessel or in a bifurcation, which comprises, at least, one occlusion-infusion catheter (10) fitted with a balloon (11) disposed in the distal portion and inflatable through a lumen (12) disposed in the proximal portion of said occlusion-infusion catheter (10), the surface of said occlusion-infusion catheter (10) having perforations intended for inserting and siiding out the guide-wire (13), and one or more perforations (14) on the distal end of the balloon (11) to release the drug; and, at least, one occlusion catheter (20) fitted with a balloon (21) disposed in the distal portion and inflatable through a lumen (22) disposed in the proximal portion of said of said occlusion catheter (20), and perforations on the surface intended for inserting and sliding out the guide-wire (23), is described

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2009

(21) Application No.2682/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : GRAPHICAL REPRESENTATION OF ENCLOSED INSPECTION AREA

(51) International classification :G01B21/02
(31) Priority Document No :12/275693
(32) Priority Date :21/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOSH SOOY

(57) Abstract :
An apparatus for generating a visual representation may include an elongated flexible member adapted to be removable inserted into an enclosure; a dispensing mechanism operable to selectively dispense and retract the elongated flexible member; a counter configured to determine an amount of the elongated flexible member dispensed by the dispensing mechanism; a controller configured to receive the amount of the elongated flexible member dispensed from the counter and determine a rate at which the elongated flexible member is dispensed; and a display in data communication with the controller. The controller causes the rate at which the flexible member is dispensed to be displayed in relation to a visual representation of the enclosure on the display.

No. of Pages : 37 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2009

(21) Application No.2685/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : EASY OPENING BOTTLE CAP SEAL.

(51) International classification	:B65B53/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MR. RUPA ROHIT MISTRY

(57) Abstract :
A cap of a bottle or like container having for the protection of seal a shrink wrap, having perforations of predetermined size, angel and shape running horizontally or at an angle across the neck of the bottle or container having one or more flat surfaces affixed thereto which has a bigger circumference than the mouth of the bottle made of any material and capable of being flipped by the upward force thereby protecting the contents from being adulterated and/or pilfered.

No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2009

(21) Application No.2691/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A METAL SEPARATOR PROVIDED WITH A LIQUID SPILLAGE PREVENTION DEVICE

(51) International classification	:B60R21/00, B01D29/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SAKHRANI GIRDHARILAL LACHHMANDAS

(57) Abstract :
A coolant handling system is disclosed. The coolant handling system includes a separator, a spillage preventing device and a coolant holding tank. The separator is adapted to separate metallic chips from a stream of liquid coolant flowing through a coolant return line carrying metallic chips generated during a machining operation. The spillage preventing device is adapted to preventing spillage of the liquid coolant flowing through the separator. The coolant holding tank is adapted to receive the liquid coolant from which metallic chips are removed by the separator.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2009

(21) Application No.2702/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COMPOSITIONS FOR ORAL CAVITY

(51) International classification :A61K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KATARIA AMIT
2)SREERAMAIAH SRINIVAS

(57) Abstract :
Disclosed herein are sugar free compositions for oral cavity comprising Tibezonium iodide either alone or in combination with one or more locally acting agents along with suitable excipients useful in the treatment of inflammatory and infectious diseases associated with mouth and throat.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2009

(21) Application No.2727/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AUTOMATIC HEAD LIGHT CONTROL SYSTEM

(51) In□ernational classification :B60Q1/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Uday Vishwasrao Wasule
2)Tanmay Gururaj Ullegaddi
3)Sachin Dattatray Vispute

(57) Abstract :
The present invention provides to an automatic headlight control ON/OFF system, depending upon exterior environmental condition. The control system consist of a day light sensor to receive day light and it is also connected with an electronic control unit that receive the output from the day light sensor & based on threshold value switches headlight of the vehicle.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2009

(21) Application No.2749/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : MECHANISM FOR SEALING LEAKAGE

(51) International classification :F04D29/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)NADGUNDE NAGESH
4)TARE SANJAY
5)SHINDE DILIP
6)PATIL SHOKIN GHUBADE

(57) Abstract :
A pump includes an impeller, a pump housing, a drive shaft, a sleeve, a bush, a fluid arrestor and an expeller. The pump housing is adapted to accommodate the impeller therein. The drive shaft is adapted to rotatably mount the impeller thereon, wherein a part of the drive shaft is inside the pump housing and a remaining part of the drive shaft is outside the pump housing. The sleeve is disposed on the drive shaft. The sleeve has a plurality of grooves configured thereon. The bush is disposed on the sleeve and fitted in a stuffing box cover, wherein a clearance is provided between the bush and the sleeve. The fluid arrestor is disposed on the sleeve. The expeller is disposed on the sleeve, wherein the expeller, the fluid arrestor, the sleeve and the bush are adapted to provide sealing between the drive shaft and the pump housing

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2009

(21) Application No.2743/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : EXHAUST MANIFOLD FLANGE FOR AN ENGINE OF A VEHICLE

(51) International classification :F01N13/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention provides an exhaust manifold for egressing exhaust gases from a multi-cylinder internal combustion engine. The exhaust manifold is capable of accommodating thermal expansion caused due to the hot exhaust gases of the internal combustion engine. The exhaust manifold includes a first flange member, a second flange member and plurality of conduits / tubes. The first flange member is secured over the exhaust side/ ports of the engine for connecting / coupling the tubes there-over for carrying the hot exhaust gases. The first flange member includes openings for bolting with the exhaust side of the engine. The openings are provided with slit so that the first flange member accommodates thermal expansion caused due to the hot exhaust gases of the internal combustion engine.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2009

(21) Application No.2763/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A PRECOOLING SYSTEM AND METHOD FOR PRECOOLING AIR THEREOF

(51) International classification :F24F11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SUKHDARSHAN S. DHALIWAL

(57) Abstract :
The present invention provides a simple pre-cooling system and method for pre-cooling air. The pre-cooling system comprising a first stage sensible cooling means for exchanging sensible heat indirectly between water and air to cool air and raising the temperature of the water and a second stage adiabatic cooling means for cooling the air adiabatically by direct contact of water with sub-cooled air from the first stage sensible cooling means. In the method for pre-cooling air, atmospheric air and water indirectly contacted for exchanging sensible heat to cool air and heat water, and directly contacting water and cooled air for adiabatic cooling of cooled air and water wherein air and water are cooled to wet bulb temperature lower than ambient wet bulb by evaporation of less quantity of water.

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2009

(21) Application No.2783/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF TOLMETIN□

(51) International classification :C07D207/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(□7) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KHAIRNAR PRAVINKUMAR KALIDAS
3)HONPARKHE RAMACHANDRA BIRAPPA
4)MEHTA SAMIT SATISH

(57) Abstract :
Present invention relates to a novel, improved and cost-effective process for the preparation of Tolmetin (I), comprising reaction of 1-methyl-2-pyrroleacetate (II) with 4-methylbenzoyl chloride (III) in an organic solvent to provide a compound of formula (IV) which on treatment with morpholine followed by a base in an organic solvent provides Tolmetin of formula (I).

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2009

(21) Application No.2793/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A SCREENING, CRUSHING OR MIXING BUCKET

(51) International classification :E02F3/04
(31) Priority Document No :20086249
(32) Priority Date :30/12/2008
(33) Name of priority country :Finland
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ARI MANNIKKO

(57) Abstract :
The invention relates to a screening, crushing or mixing bucket, which is formed into a bucket of an excavating machine or bucket loader, comprising a bottom plate (1), side walls (2) and at the back of the bucket working drums (3) relatable about their shafts, which screen, crush or mix the mate-rail in the bucket as they rotate and at the same time deliver screened, crushed or mixed material out of the bucket, between or through the work-in drums (3). In the bucket are casings (4) for the power transmission and bearings of the working drums (3). The casings (4) are limited by frame plates (5) to which the bearing housings (6) of the working drums (3) are attachable. The frame plates (5) have receiving and fastening forming (5a, 5b) for the working drums (3), into which the drums (3) with their bearings (6) can be positioned through the rear side of the bucket. The sides of the casings (4) may in that case be smooth and their opening wall plates are on the rear side of the bucket.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2009

(21) Application No.2791/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : GENERATION OF ELECTRICITY THROUGH ANY EXTERNAL ENGINE SHAFT WHICH IS ROTATING OF ANY AUTOMOBILE VECHILE WHEN IT IS STAND BY MODE OR RUNNING MODE.

(51) International classification	:B60L11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SANTOSH ARVIND PRADHAN

(57) Abstract :
Generation of electricity by any external shaft which is rotating of any engine 2 placed in any automobile vehicles when it is in stand by mode or running mode. We have taken an example of generating electricity through external shaft of motorcycle engine hence same type of principle is applicable for other automobile vehicles also to generate electricity from them. We have attached a coupling having small shaft to the magnetic cover with the help of nut, bolts and washer of a motorcycle engine 2 to make an external shaft of an engine from which rotational drive can be taken when Motorcycle 1 or any other automobile vehicles are in stand by mode. We have attached milled steel fabricated pipe stand 3 with the chassis of motorcycle such that it will always lift the rear part of the motorcycle. We have align a Generator 8 parallel to the magnetic cover 5 axis by mounted it on milled steel pipe fabricated stand 3 and we have attached a universal joint 6 to the shaft of the Generator 8 at one end and we have attached one more universal joint to the other end to the magnetic cover 5 location of Motorcycle 1 or any other automobile vehicles. Both the universal joints are synchronized with the one common shaft to get the free flowing rotation. We have installed a small regulator to Increase or decrease the speed of engine and as soon as engine 2 will start by adopting the above said mechanism we will set the speed of engine 2 with the help of regulator of accelerator. We have installed Control panel 10 at the location where electricity is desired. This control panel 10 is attached with an electric cable 9 at one end and the other end of electric cable 9 is attached with the generator 8. After reaching the desired speed generator 8 will start generating electricity.

No. of Pages : 17 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2009

(21) Application No.2796/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : FUEL LEVEL SENSOR FOR TELECOM INFRASTRUCTURE

(51) International classification :G01F23/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NARRA RAVINDRA
2)RAVINDRA T. V.

(57) Abstract :
SYSTEM AND METHOD FOR MEASURING LEVEL OF LIQUID A system and method for measuring the level of liquid is disclosed. The system includes a pair of printed circuit board (PCB) based probes such that the probes are separated by a predefined distance such that the probes correspond to the two plates of a capacitor. Further, the level sensor includes a capacitance to digital converter in communication with the PCB based probes and a processing unit in communication with the capacitance to digital converter for calculating at least the level of a liquid in a container based upon the capacitances measured across the PCB based probes.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2009

(21) Application No.2797/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : STEERING WHEEL INTEGRATED WITH SAFETY FEATURE

(51) International classification :B60R16/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :461/MUM/2008
Filed on :05/03/2008
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)VINAYAK S GOGATE

(57) Abstract :
In accordance with the present invention, the said lower spokes (3c,3d) each are provided with at least one groove (4) to reduce the stiffness of the steering wheel. The said lower spokes (3c,3d) are provided with bridging plates (5) across the said grooves (4). The said bridging plates are connected to the said lower spokes (3c,3d) with the help of shear pins (6) or fasteners with predetermined weaknesses . The present invention provides a steering wheel with integrated safety feature of an automobile which vary the stiffness of a steering wheel to minimize the bodily injury to an occupant in the event of crash without affecting its vibration stability. The present invention also provides a steering wheel with integrated safety feature of an automobile which vary the stiffness of a steering wheel depending on the force exerted on it. In accordance with present invention this is cost effective feature and easy to manufacture.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2009

(21) Application No.2798/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : POWER TRAIN PROTECTION SYSTEM FROM OVERLOADING

(51) International classification :B60K28/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)MR. UDAYAKANTH G
2)MR. JYOTHIS BALAKRISHNAN

(57) Abstract :
In accordance with the present invention, Power train protection system comprises; propeller shaft yoke 1, rear shaft member 2 ,actuator 3 mounted on the frame of vehicle, slider 4 connected to said actuator 3, bearing 5 through which said slider 4 is connected to said actuator 3, front shaft member 6, gear box flange 7 and centre bearing assembly 8 mounted on frame of vehicle and is provided for supporting the said rear shaft member 2 , said propeller shaft 1 is fastened to said rear shaft member 2, said front shaft member 6 is fastened to said gear box flange 1, said front shaft member 6 and rear shaft member 2 are disposed co-axially such that certain gap is maintained, said actuator 3 is rigidly connected to said bearing 5 and said slider means 4 is disposed through the said bearing 5 such that said slider 4 bridge the said gap between said front shaft member 6 and rear shaft member 2 in normal working condition, overloading signal is provided to actuator 3 by a controller 13 such as Load Sensing Valve(LSV), which actuates and pushes the said slider 4 to slide over said rear shaft member 2 and disconnecting the power transmission from the gear box. Electrical interface 14 receives the pneumatic signal from Load sensing valve 13 when overloaded and gives electric signal to the indicator 15 which is provided in the cockpit or cab.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2009

(21) Application No.2819/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD FOR ISOLATION AND PURIFICATION OF ESSENTIAL ORGANIC COMPONENTS FROM DIHYDROMYRCENOL EFFLUENT

(51) International classification :B01D61/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)RAO VIJAY KUMAR DOPPALAPUDI
2)KUNTE; VISHWAS VIJAY
3)PETKAR; MANISH VARDHARAJ
4)LALI; ARVIND MALLINATH

(57) Abstract :
A commercially viable process is developed for purification of low concentration organics from aqueous effluent generated during work up of dihydromyrcenol (2, 6-dimethyl-7-octen-2-ol) a fragrance chemical widely used in consumer products to impart fresh lime odor. In the present invention the effluent containing 7-methyl-3-methylene-l, 6-octadiene (dihydromyrcene,), 2, 6-dimethyl-7-octen-2-ol (dihydromyrcenol), and its isomers are passed through a chromatographic column packed with polymeric adsorbent such as polystyrene DVB, polyacrylate etc. The foresaid organic compounds bind on the adsorbent due to hydrophobic interaction with adsorbent material. Further the adsorbed organics are eluted with reverse phase solvents such as methanol, acetonitrile, acetone etc. The elution solvents is further separated from the foresaid compounds by distillation.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2009

(21) Application No.2865/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A SYSTEM AND METHOD OF BRAKE DUST REMOVAL FROM DRUM BRAKES

(51) International classification :F16D65/82
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MR. BADAL G BISEN
2)MR. D S KAD

(57) Abstract :
The embodiments herein provide a system and method for removing dust from drum brakes. The system comprises a groove provided on a trailing shoe of the drum brake. The groove is provided across the width of the friction surface starting from the wheel cylinder end with an inclination to remove the dust automatically from the drum brake system. The brake drum traps the dust generated due to friction in the event of braking and then the accumulated dust automatically falls down in to the back plate due to vibration or jerks. Further this dust traverse from back plate surface to atmosphere. This back plate is basics structural part houses brake shoes, auto-adjuster mechanism, return & holding spring.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2009

(21) Application No.2904/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM FOR STATIC ELECTRICITY DISCHARGE

(51) International classification :H01H47/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)SANJIB ROY
2)ALANKRITA MEDHA
3)AMRENDRA KUMAR

(57) Abstract :
A Mechanism To Discharge Static Electricity In Vehicles The embodiments herein relate to provide a mechanism to discharge static electricity in vehicles. The mechanism comprises a pneumatic cylinder mounted on vehicle by mounting bracket. A pair of holding brackets 4 is provided for holding said pneumatic cylinder on said mounting bracket. A drying and distribution unit (DDU) is connected between a brake pedal and one end of a release valve, other end of said release valve is connected to said pneumatic cylinder by pneumatic pipeline. A metallic chain with its one end is fastened to the piston of said pneumatic cylinder and other end with pointed triangular tip is suspended freely to discharge static electricity when said brake pedal is pressed by driver.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2010

(21) Application No.3040/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN ENTERTAINMENT DEVICE

(51) International classification :A63F3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RUPA LAKHANI

(57) Abstract :
The present invention provides an entertainment device for creating self-awareness comprising: atleast one deck of cards relating to the interest of user, each card having text with or without picture on one side of the card wherein such text with or without picture provides meaningful information to the user to his query without interpretation wherein the user requires to select only one card from the deck of cards of his or her interest for his query. It also comprise a board having atleast one path demarcated into a plurality of houses

No. of Pages : 104 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2009

(21) Application No.2993/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : FAST DISSOLVING PHARMACEUTICAL COMPOSITION COMPRISING LORNOXICAM

(51) International classification :A61K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KULDEEP BHOKARE
3)SHRIPAD JATHAR
4)GERALDINE ANN ELLIOTT

(57) Abstract :
The present invention relates to a fast dissolving pharmaceutical composition containing lornoxicam or phannaceutically acceptable salts thereof as an active ingredient along with at least one alkalinizer, at least one organic acid and at least one phannaceutically acceptable excipient. The present invention also relates to processes of preparing fast dissolving pharmaceutical composition.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/01/2009

(21) Application No.64/MUMNP/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : DYNAMIC FREQUENCY SPECTRUM RE-ALLOCATION

(51) International classification :H04Q7/36
(31) Priority Document No :NA
(32) Priority Date :01/01/1999
(33) Name of priority country :Argentina
(86) International Application No :PCT/EP02/01973
Filing Date :25/02/2002
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2103/DELNP/2004
Filed on :21/07/2007

(71)**Name of Applicant :**
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1)JORG HUSCHKE
2)RALF KELLER

(57) Abstract :
A method of dynamically re-allocating a frequency spectrum to a plurality of radio networks (RNs; 16) in accordance with a predefined spectrum allocation scheme is described. A spectrum resource is previously allocated to each RN (16) or group of RNs (16, 16). An electronic spectrum request for a RN (16) or a group of RNs (16, 16) is generated and transmitted via a communications network (18) to a server infrastructure (12) which also receives electronic spectrum requests for other RNs (16), the server infrastructure (12) processing the received electronic spectrum requests in accordance with the spectrum re-allocation scheme to re-allocate the spectrum resources to the plurality of RNs (16).

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2009

(21) Application No.741/MUM/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN IMPROVED END SHIELD OF CEILING FAN AND METHOD OF MAKING THE SAME

(51) International classification :F04D29/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
This invention relates to an improved end shield of ceiling fan and method of making the same. In Prior art, ceiling fan comprises of motor assembly enclosed between end shields, and blade assembly mounted on an end shields through a shank or any other connecting means through a screws. In this case shank is a separate component which assembled blades with top or bottom end shield of ceiling fan motor.

No. of Pages : 5 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.966/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PLUGGABLE CONTACT RESOLUTION

(51) International classification :G06F15/00
(31) Priority Document No :12/488,277
(32) Priority Date :19/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GORDON BRUNSON
2)TIBOR LUKAC
3)CHANDRA RAVIPATI

(57) Abstract :
Methods, devices, and systems are provided for taking a pluggable extension and applying it to a unique set of a user population to handle their preferred and user-centric alerting relationships. More particularly, the pluggable extension allows a user to have their personalized contact resolution algorithm applied by a server to calls initiated by them or directed toward. The contact resolution algorithm is pluggable to any server and does not need to be built into the server itself. Moreover, multiple users can refer to and use the same pluggable contact resolution algorithm.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.971/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR GRAPHICALLY MANAGING A COMMUNICATION SESSION WITH A CONTEXT BASED CONTACT SET

(51) International classification :G06F3/048
(31) Priority Document No :61/164,753
(32) Priority Date :30/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BIRGIT GEPPERT
2)FRANK ROESSLER

(57) Abstract :
Disclosed herein are systems, methods, and non-transitory computer-readable storage media for presenting a contact manger associated with a communication session represented in a graphical user interface (GUI). The method includes grouping by context contacts associated with a user the communication session, wherein the communication session is displayed as a set of connected graphical elements representing a structure of the communication session, presenting on the GUI a graphical representation of at last a part of the grouped contacts, receiving user input associated with one contact of the contacts and the communication session, and modifying the communication session based on information associated with the user input and the one contact grouping the contacts by context can include sorting the contacts as a cache and grouping based on user preferences, user communications history, social networks, topic, project. and/or employer.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.963/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING A CONTACT CENTER WITH A GRAPHICAL CALL CONNECTION METAPHOR

(51) International classification :H04W4/16
(31) Priority Document No :61/164,753
(32) Priority Date :30/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BIRGIT GEPPERT
2)FRANK ROESSLER

(57) Abstract :
Disclosed herein are systems, methods, and non-transitory computer-readable storage media for managing communications in a callcenter. The method includes presenting via a GUI to a callcenter agent a set of connected graphical elements representing a structure of a communication session including the callcenter agent and a caller, receiving input via the GUI from the callcenter agent to manipulate at least one graphical element, and performing an action based on the input. Further disclosed herein are systems, methods, and non-transitory computer-readable storage media for monitoring communications in a callcenter. The method includes presenting via a GUI a plurality of sets of connected graphical elements, wherein each set of connected graphical elements represents a structure of a communication session including the callcenter agent and a caller, receiving a selection via the GUI based on at least one graphical element to listen in on an associated communication, and monitoring the associated communication session.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.969/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING TRUSTED RELATIONSHIPS IN COMMUNICATION SESSIONS USING A GRAPHICAL METAPHOR

(51) International classification :H04W4/16
(31) Priority Document No :61/164,753
(32) Priority Date :30/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BIRGIT GEPPERT
2)FRANK ROESSLER

(57) Abstract :
Disclosed herein are systems, methods, and non-transitory computer-readable storage media for linking participants in a communication session. The method includes presenting a set of connected graphical elements on a graphical user interface (GUI) representing a structure of the communication session and a trusted relationship between a first participant and a second participant in the communication session, establishing a bidirectional link between the first participant and the second participant, wherein the communication device exchanges trusted information between the first participant and the second participant, and displaying a depiction of the bidirectional link to at least one participant in the communication session. The method optionally includes negotiating a calendar event with the second participant via the bidirectional link based on the trusted information. Graphical elements associated with the first and second participants can depict one or more of presence, context, and persona information.

No. of Pages : 66 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.972/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR MODE-NEUTRAL COMMUNICATIONS WITH A WIDGET-BASED COMMUNICATIONS METAPHOR

(51) International classification :G06F3/048
(31) Priority Document No :61/164,753
(32) Priority Date :30/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BIRGIT GEPPERT
2)FRANK ROESSLER

(57) Abstract :
Disclosed herein are systems, methods, and non-transitory computer-readable storage media for managing communications mode neutrally using widgets. The method includes presenting via a graphical user interface (GUI) a set of connected graphical elements representing a communication session comprising at least two communicating users, wherein each graphical element representing a user further comprises at least one graphical sub-element indicating user communication details, receiving user input associated with the set of connected graphical elements, the user input having an action associated with the communication session, and performing the action based on the received user input. The graphical sub-elements can indicate a communication mode through which an associated user connects to the communication session and/or available communication modes for an associated user. The graphical sub-elements can include a telephone, mobile phone, instant message, camera, video camera, microphone, text-message, document, headset, or email icon.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.964/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : DYNAMIC IVR DIALOG BASED ON ANALYTICS DATA

(51) International classification :H04M3/00
(31) Priority Document No :12/566,466
(32) Priority Date :24/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GEORGE WILLIAM ERHART
2)VALENTINE C. MATULA
3)DAVID JOSEPH SKIBA

(57) Abstract :
A method comprising receiving, at a call-processing switch, a call from a calling entity in which the calling entity is a natural person and a telecommunications terminal, and, wherein the call received at the call-processing switch comprises (i) the identity of the caller telecommunications terminal, (ii) the identity of the caller, and (iii) the geo-location of the calling entity. Upon receiving the call, the call-processing switch identifies (i) global contextual information, (ii) contextual information at the calling entity, and (iii) contextual information at the call-processing switch, wherein the temporal order and the hierarchical order of menu items in a menu are reconfigured for presentation to the calling entity based on (i) the identity of the caller telecommunications terminal, (ii) the identity of the caller, (iii) the geo-location of the calling entity, (iv) global contextual information, (v) contextual information at the calling entity, and (vi) contextual information at the call-processing switch.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.967/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING INCOMING REQUESTS FOR A COMMUNICATION SESSION USING A GRAPHICAL CONNECTION METAPHOR

(51) International classification :G06F3/048
(31) Priority Document No :61/164,753
(32) Priority Date :30/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BIRGIT GEPPERT
2)FRANK ROESSLER

(57) Abstract :
Disclosed herein are systems, methods, and non-transitory computer-readable storage media for presenting a selected media message to a first user. The method includes displaying via a graphical user interface (GUI) a notification associated with a request from a first user for a communication with a second user in the context of a graphical representation of a communication session including at least the second user, receiving a second user input identifying a selected action associated with the first user via the GUI, and performing the selected action relative to the first user. The second user can be notified of the incoming request via a communication session displayed as a set of graphical elements representing a structure ot the corvitfwrication session via the GUI. The first and/or second user can be a communication session of multiple users.

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.973/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : LINKING SOFTWARE USERS SHARING COMMON TRAITS

(51) International classification :G06F9/46
(31) Priority Document No :12/463,128
(32) Priority Date :08/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JUAN JENNY LI
2)DAVID MANDEL WEISS

(57) Abstract :
A method for the establishing of connections between software users based on a pattern of use and/or a characteristic of content related to the users and the software. The interaction of a software user with the software is monitored and a characteristic of content related to the user and the software is determined. When the user needs customer support, he or she is routed to a fellow user of the same software who is capable of providing help. The helping user is selected based on the way in which the first user interacts with the software and/or the characteristic of content related to the first user and the software.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.965/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : STAGED ESTABLISHMENT OF SECURE STRINGS OF SYMBOLS

(51) International classification :H04L9/18
(31) Priority Document No :12/473,157
(32) Priority Date :27/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MARK JOHN KAROL

(57) Abstract :
A multi-stage technique of establishing a plurality of secure strings of symbols is disclosed. In the first stage, the illustrative embodiment establishes a first-stage string of symbols with each other node. The first-stage strings are chosen from a first, small, key space, which means that they can be established more quickly than a highly secure key from a large key space. The advantage of the first-stage strings is that it enables the user to transmit secure messages more quickly than messages secured with highly secure strings. The disadvantage of the illustrative embodiment is that the first-stage strings are not as secure as strings from a larger key space. This disadvantage is mitigated, however, by the fact that the first-stage strings are only used for a short amount of time until the second-stage strings are established in the second stage.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.968/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR PERSISTENT MULTIMEDIA CONFERENCING SERVICES

(51) International classification :G06F3/048
(31) Priority Document No :61/164,753
(32) Priority Date :30/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BIRGIT GEPPERT
2)FRANK ROESSLER

(57) Abstract :
Disclosed herein are systems, methods, and non-transitory computer-readable storage media for managing a virtual meeting room communication session. The method includes establishing a persistent virtual meeting room communication session, the virtual meeting room communication session including shared resources available to virtual meeting room communication session participants, displaying to meeting participants a set of connected graphical elements representing a structure of the virtual meeting room communication session via a graphical user interface (GUI), receiving from one of the meeting participants input associated with the set of connected graphical elements, the input having an action associated with the virtual meeting room communication session, and performing the action based on the received user input. In one aspect, the virtual meeting room communication session persists when no participants are in the communication session. The persistent virtual meeting room can record changes in session context such as maintaining a record of session control events, changes to shared resources, and a listing of participants. Persistence can also include a session history such as added/removed participants or other communication history such as splits and merges for later use or in reactivation of the session.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.990/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN INTERRUPTING CHAMBER WITH A MOVING CONTACT AND ARC BLOWOUT PERFORMED ENTIRELY THROUGH THE INSIDE OF THE MOVING CONTACT, AN HVDC BYPASS INTERRUPTER AND AN HVDC CONVERSION SUBSTATION INCLUDING SUCH A CHAMBER

(51) International classification	:H01H33/91
(31) Priority Document No	:Nº 09 52174
(32) Priority Date	:03/04/2009
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GRIESHABER, WOLFGANG

(57) Abstract :
This invention relates to an interrupting chamber in which blowout is carried out entirely through the inside of a hollow tube (30) that carries one of the contacts (3). According to the invention, a constriction (304), having a cross section S2, is formed in the blowout gas flow path upstream from the contact portion (31) proper, having a cross section SI, to which the hollow tube (30) is coupled, and a wider flow cross section S3 (305) is formed between the two (304, 31), that is to say S2 < SI < S3. In this way the formation of a zone of low gas density is avoided close to the contact zone proper (31) , which is the one most exposed to the electric field after a current breaking operation. The interrupting chamber so designed has good dielectric strength at the transient recovery voltage (TRV).

No. of Pages : 40 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.970/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING MULTIPLE CONCURRENT COMMUNICATION SESSIONS USING A GRAPHICAL CALL CONNECTION METAPHOR

(51) International classification :H04M1/00
(31) Priority Document No :61/164,753
(32) Priority Date :30/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FRANK ROESSLER

(57) Abstract :
Disclosed herein are systems, methods, and non-transitory computer-readable storage media for managing a plurality of concurrent communication sessions via a graphical user interface (GUI). A system configured to practice the method presents a set of connected graphical elements representing a structure of the respective communication session via the GUI for each of a plurality of concurrent communication sessions. Each communication session has at least two participants and the appearance of the set of connected graphical elements is based on a communication mode. The system receives user input associated with one set of connected graphical elements and having an action associated with the respective communication session, and performs the action based on the received user input. The communication mode is one of voice over IP (VoIP), phone, videoconference, instant messaging, text messaging, and email. The action can combine two communication sessions or split one communication session into multiple communication sessions.

No. of Pages : 57 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2010

(21) Application No.991/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN INTERRUPTING CHAMBER WITH A MOVING CONTACT AND A MOVABLE BLAST NOZZLE THAT ARE OPERABLE INDEPENDENTLY OF EACH OTHER, AN HVDC BY-PASS INTERRUPTER, AND AN HVDC CONVERSION SUBSTATION HAVING SUCH A CHAMBER

(51) International classification	:H01H33/91
(31) Priority Document No	:Nº 0952173
(32) Priority Date	:03/04/2009
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GRIESHABER, WOLFGANG

(57) Abstract :
This invention relates to a novel dynamic model for the moving contact or contacts and gas blast nozzle in an interrupting chamber. According to the invention, a moving contact (3) and the arc blast nozzle (5) are actuated independently, in such a way that: in the closed position of the contacts, the nozzle (5) is in a position referred to as the confinement position (C) , in which it extends at least between the grading shields (40, 41) and surrounding the contacts {2, 3); during an opening operation, the tubular nozzle (5) remains held substantially in its confinement position, at least until the or each moving contact (3) has reached the open position (0); and once the opening operation is complete and all arcing current broken, the tubular nozzle (5) is moved into a position referred to as the retracted position (R), in which it is retracted from said insulating space.

No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2010

(21) Application No.999/MUM/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PROCESSING DEVICE FOR BULK MATERIAL

(51) International classification :B01F13/02
(31) Priority Document No :102009015271.7
(32) Priority Date :01/04/2009
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MICHAEL ZLOTOS

(57) Abstract :
A processing device for conveying and mixing bulk material has a mixing and conveying station and at least one conveying pipe for supplying the bulk material to the mixing and conveying station. A vacuum-generating system with a vacuum hose or pipe is connected to the mixing and conveying station. An air supply is connected to the mixing and conveying station and introduces air for conveying and mixing the bulk material. A screen is arranged within said mixing and conveying station for separating the bulk material from the air. The screen has screen openings matched to a desired level of separation. The air from the air supply flows into the bulk material and effects mixing of the bulk material and removal of dust from the bulk material. The air has a temperature of 40 EC to 200 EC.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2009

(21) Application No.1063/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : OVERLAPPED NOTE DETECTOR

(51) International classification :G07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)L. KANNAN

(57) Abstract :
The present invention relates to a cost effective and reliable means of detecting overlapped sheets or notes in the feed path used within systems like cash dispensers and ATM machines. Further the present invention relates to a method and system of detecting overlapped notes to avoid excess sheets or notes being delivered. Advantageously the present invention detects overlapped notes and variations in the note profile consistently.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2009

(21) Application No.1092/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PREPARATION OF BOC CORE

(51) International classification :C07D277/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)Jyothirmayi Naram
7)Akula Swapna
8)Chinamalakondaiah Golla
9)Amarnath Reddy Lekhala
10)Dinesh Shivaji Bhalerao
11)Ravi Kumar Mylavarapu

(57) Abstract :
There is provided a process for the preparation of boc-core or a salt thereof. Also provided processes for the preparation of ritonavir Form I and Form II

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2009

(21) Application No.1108/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A SYNERGISTIC HERBAL ANXIOLYTIC, ADAPTOGENIC AND ANTISTRESS COMPOSITION AND A PROCESS THEREOF

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AMIT AGARWAL

(57) Abstract :
The present disclosure relates to a synergistic herbal anxiolytic, adaptogenic and antistress composition and a process of its preparation. The composition comprises a synergistic mixture of extracts of Camellia sinensis (Green tea) leaves, fruits of Terminalia bellerica, fruits of Terminalia chebula, fruits of Emblica officinalis, roots of Withania somnifera and Ocimum sanctum leaves. All the extracts thus prepared are mixed thoroughly to obtain the final composition, which has potent anxiolytic, adaptogenic and antistress activity. The novelty of the disclosure is present in the careful selection of the ingredients and also in the blending ratios such that the resulting composition has maximum synergistic activity.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2009

(21) Application No.1123/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN IMPROVED REELING CUM TWISTING MACHINE

(51) International classification	:B65H, D01H
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SUBRATA ROY
3)GARAGESWARI NARASIMHAIAH RAMASWAMY,

(57) Abstract :
This invention relates to an improved reeling cum twisting machine comprising of a centralized driving system connected to a motor, reels for reeling yarn, croissure pulleys for smooth winding of silk, reeling basin with steam/water connections for reeling of cocoons, delivery roller with varying speed for smooth delivery of twisted silk and ring/traveler for twisting of the silk yarn.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2009

(21) Application No.1147/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR INFRASTRUCTURE MANAGEMENT POWDERED BY STATISTICAL METHODS

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)Dr Dakshina Murthy
4)Ajay Dani

(57) Abstract :
A system and method for infrastructure management powered by statistical methods. This invention relates to network management, and more particularly to Information Technology (IT) infrastructure management. A further object of the invention is proactively capture user experiences, which can be in text format or feedback which can be either structured or unstructured as and when application is being accessed by the user. The feedback collected from different sources is processed using statistical methods to extract information and provide a user perspective map for every application accessed.

No. of Pages : 38 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2009

(21) Application No.1158/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS COMPRISING NAPROXEN AND ESOMEPRAZOLE

(51) International classification :A61K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Kharwade Pramod
3)Vishwanathan Narayanan Badri

(57) Abstract :
Aspects of the present invention relate to pharmaceutical formulations comprising naproxen and esomeprazole for therapeutic purposes, and methods of preparing the same. Further aspects of the present invention relate to fixed dose pharmaceutical formulations comprising naproxen, or pharmaceutically acceptable salts thereof, and esomeprazole, or pharmaceutically acceptable salts thereof.

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2009

(21) Application No.1168/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A SYSTEM AND METHOD OF SECURELY ACCESSING A THIRD PARTY APPLICATION

(51) International classification :H04L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VALERIE ROZYCKI
3)SURESH ANANTPURKAR

(57) Abstract :
An application hosting system for providing an application to a mobile communication device is disclosed. The application hosting system comprising a mobile interface configured to communicate with a mobile communication device and further configured to receive a mobile communication device request from a mobile communication device, the mobile communication device request including a security code generated by the mobile communication device and embedded in the mobile communication device request. The application hosting system further comprising an authentication processor operatively communicating with the mobile interface and configured to determine the presence of a security code within the mobile communication device request; the authentication processor further configured to verify the security code for the mobile communication device and on a successful verification providing the requested application to the mobile communication device.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2009

(21) Application No.1184/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : GRILLE STRUCTURE FOR A BODY COVER OF A MOTORCYCLE

(51) International classification :B62K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MR. RAVISANKAR RAJAMANI
2)MR.RUPESH ARVINDAKSHAN
3)MR.VEERAREDDY JONNALA
4)MR.ARUL DASS PAUL CHRISTU DASS

(57) Abstract :
Describe herein is a replaceable grille lower for both left and right front cover structure of a step through motorcycle comprising a louvered structure in which longitudinal or cross sectional grills are formed, the structure being provided with locating lugs and so as to enable snap fitting of the said grill on to the side covers of motorcycle.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2009

(21) Application No.1185/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : TURN SIGNAL LAMP MOUNTING FOR A MOTORCYCLE

(51) International classification :B62K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MR. RAVISANKAR RAJAMANI
2)MR.AMIT RAJWADE
3)MR.DORAISAMY SHANMUGASUNDARAM
4)MR. GUNALAN THANIKACHALAM

(57) Abstract :
The present invention relates to a turn signal lamp to be mounted on the body cover of a motorcycle particularly improved turn signal lamp along with body cover combination for motorcycle.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2009

(21) Application No.1187/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AUDIO SYSTEM ARRANGEMENT IN A TWO WHEELER

(51) International classification	:B62K, B62J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MR.GUNALAN THANIKACHALAM
3)MR.AMIT RAJWADE
4)MR.ANUMALASETTY GURAVAIAH
5)MR.MAHADEVASWAMY NAGENDRASWAMY

(57) Abstract :
The present invention relates to an Audio system arrangement in a two-wheeler and more particularly to an audio system arrangement for a step through type motorcycle. The current invention relates to an arrangement containing an audio system, speakers and control panel along with an input device mounted on a vehicle, especially on a motorcycle.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2010

(21) Application No.1230/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COLLECTION OF EXHAUST EMISSIONS FROM THE AUTOMOBILE VEHICLE WHILE DRIVING ON THE ROADS

(51) International classification :B01D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JUVVA. PHANI KUMAR
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(72)**Name of Inventor :**
1)JUVVA. PHANI KUMAR

(57) Abstract :
The main objective of the invention is to provide a means for collection of exhaust emissions, that include carbon monoxide (CO), carbon dioxide (CO2), black smoke, polyaromatic hydrocarbons (PAH), benzene, hydrocarbon compounds (HC), nitrogen oxides (NOx), sulfur dioxide (SO2), dioxins and particulate matter (PM), responsible for global warming and causes respiratory health effect, cancer in humans and animals, from automobile vehicle running on the roads using gasoline, diesel, compressed natural gas (CNG), liquefied petroleum gas (LPG), ethanol, propane, and biodiesel as energy source. The exhaust emissions including CO2, CO, HC, PAH, NOx. SO2, PM, benzene and black smoke collected into chambers have negative pressure and into bags located on the top, side walls, under the body of vehicle, which are inserted into shelves to reduce atmospheric pressure. The exhaust emissions from the air compressors and bags were subjected to polluted air treatment plants. The present invention is to provide a technology for air pollution control system for fuel-burning processes in an automobile vehicle comprising chambers with negative pressure. The negative pressure in the chambers, was created before starting the vehicle by vacuum pump, using single phase and three phase current and negative pressure maintained by direct current (DC) powered vacuum pump. For collection of exhaust emissions, including CO2, CO, HC, PAH, NOx, SO2, PM, benzene and black smoke from the automobile vehicle and then the exhaust emissions collected into direct current powered air compressors, receives automobile vehicle having a direct current 1, electric power supply driven by an auto vehicle engine while driving the auto vehicle on the roads. The invention comprises DC to DC converter, which converts a source of direct current (DC) 1, from one voltage level to another voltage level. The negative pressure in the chambers was maintained by alternate current powered vacuum pump and then the exhaust emissions are collected into alternate current (AC) powered air compressors while running the auto vehicle on the roads. The invention comprises AC inverter that receives DC power from the vehicle electric supply and converts direct current (DC) 1, into alternating current. The exhaust emissions from the air compressors were subjected to polluted air treatment plants. A non-engine powered system includes a solar energy supply arrangement having a solar energy collector adapted for mounting to the auto-vehicle and a power storage electrically connecting to the solar energy collector for converting the solar energy into electrical energy, and air compressors, vacuum pump electrically connecting to the power storage.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2010

(21) Application No.1231/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PRIME MOVER FOR POWER GENERATION

(51) International classification :F03G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VISHWANATH C

(57) Abstract :
The present invention the prime mover for power generation is for providing a consistent and continuous rotational energy to electric generator (13). It fulfills the above said purpose by following steps (Refer the diagrams). First a heavy and lengthy pendulum (1,2) makes to oscillate with predetermined amplitude by giving consistent pushing using suitable pullers (10). These oscillations with suitable contact (12) make freewheel (6) to rotate in unidirectional way. A flywheel (7) with suitable mass is coaxially (9) attach to the unidirectional freewheel make flywheel to rotate in single direction and gives rotational consistency. Thus generated consistent rotations are coupled to electric generator via suitable gear box (11). Adding energy continuously to the oscillating pendulum supplies continuous and consistent rotational energy to the electric generator. (Refer the diagram attached)

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2009

(21) Application No.1239/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AUTOMATIC TYRE INFLATOR CUM AUTOMATIC AIR PRESSURE MAINTAINER FOR VEHICLE TYRES

(51) International classification :B60C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)M.MOHAMED ALI

(57) Abstract :
An automatic tyre inflator cum automatic air pressure maintainer for vehicle tyres is a device to inflate the vehicle tyre by pumping air in to the rubber tube of the tyre and maintain the required air pressure level automatically, while the vehicle is moving or while rotating the vehicle wheel with which the device is mounted. This device facilitates easy going of vehicle and saves fuel or energy and avoid damage to the tyre of the vehicle by automatically maintaining the air pressure level in the vehicle tyre.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2010

(21) Application No.1233/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PULL BAR TYPE TUBE FLOW FORMING MACHINE WITH OR WITHOUT MANDREL

(51) International classification :B21D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ADIRAJU VENKATA HANUMANTHA RAO
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(72)**Name of Inventor :**
1)ADIRAJU VENKATA HANUMANTHA RAO

(57) Abstract :
A single versatile tube flow forming machine useful to produce thin walled tubes with constant or varying wall thickness from thick walled tubes by pairs of internal & external rollers OR internal rollers on ring mandrel OR external rollers on cylindrical mandrel, instead of three separate machines.

No. of Pages : 7 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2009

(21) Application No.1246/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : HYDRAULIC VALVE ASSEMBLY

(51) International classification :F15B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAKESH BAHADUR VERMA

(57) Abstract :
A hydraulic valve assembly 300 implemented in a hydraulic system is described. The hydraulic valve assembly 300 includes a directional control valve 205 to facilitate routing of a hydraulic fluid within the hydraulic valve assembly 300. A counterbalance valve 115 is hydraulically connected to a hydraulic actuator 335 to receive the hydraulic fluid from the hydraulic actuator 335. In addition, a lowering control valve 105 is hydraulically connected to the counterbalance valve 115 to receive the hydraulic fluid from the counterbalance valve 115 at a controlled pressure. The lowering control valve 105 is operably connected to the directional control valve 205.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2010

(21) Application No.1250/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : RETRACTABLE LIFT AXLE SUSPENSION SYSTEM FOR A MULTI-AXLE VEHICLE

(51) International classification :B60G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAHAYA GRINSPAN A
2)R. KARTHIK
3)SATHYA PRASAD MANGALARAMANAN

(57) Abstract :
The present invention relates to a retractable lift axle suspension system (7) for a multi-axle vehicle comprising of atleast a lifting means (8) attached to vehicle frame , said lifting means (8) comprising of: - a lever arm (9), disposed beneath a tag axle assembly (23) of said multi-axle vehicle, adapted for lifting the tag axle assembly (23) to a predetermined height, and lowering the tag axle assembly (23) to its initial position, wherein said lever arm (9) is provided with a wear plate (15)at portion which underlies said tag axle assembly (23); - a pair of hanger brackets, a main hanger bracket (11) disposed on one side of said lever arm (9), and a support hanger bracket (12) disposed on other side of said lever arm (9), to which said lever arm (9) is pivotally attached at its rear end by means of pivot pin (14); wherein each said hanger bracket is provided with a stop pin(18) for limiting the turning movement of said lever arm (9); - an air bellow (10), having its one end secured with an air bellow bracket (13) and its other end secured to said lever arm (9), for actuating said lever arm (9); and - a pneumatic actuator (17), operatively connected to said lever arm (9), for disengaging said lever arm (9) from said tag axle assembly (23) when the tag axle assembly (23) is to be lowered.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/05/2010

(21) Application No.1259/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : WATER INJECTION TO INTERNAL COMBUSCHION ENGINES FOR IMPROVING PERFORMANCE

(51) International classification :F02D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KORAMANGALA NANJAPPA SUNDARA RAMA REDDY

(57) Abstract :
Passer jet engines inject water to increase thrust at the time of take off saving fuel. This principle is used by some manufacturers to inject water to IC engines. Water is injected all cylinders at low pressure and at end of stroke. Water is injected a small pump to all cylinders and not synchronized. As a result, advantages gained in terms of reducing temperature and increasing are limited. This invention uses water injecting which can provide variable flow and which can inject water just after combustion to get maximum increase in poser with maximum reduction temperature inside combustion chamber, reduces temperature of exhaust gases, reduces emission enabling automobiles meet international standards on emission

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2010

(21) Application No.1266/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : FED-BATCH FERMENTATION TECHNIQUE FOR THE ENHANCED PRODUCTION OF DELTA-ENDOTOXIN OF BACILLUS THURINGEINSIS SUBSPECIES. ISRAELENSIS

(51) International classification :C12P
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHENGALATH GOPINATHAN

(57) Abstract :
This invention is directed to a method of obtaining enhanced production of cells and delta endotoxin of Bacillus thuringeinsis subspecies.israelensis,serotype H-14,(Bti) by Fed-batch fermentation technique, resulting in higher concentration of Bti and delta endotoxin and reduction in cumulative downtime in a year, thus resulting in higher concentration, higher yield and more economic benefits.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2010

(21) Application No.1268/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A METHOD TO AUTHORIZE AN USER TO ACTIVATE A SOFTWARE PROGRAM ON A COMPUTER

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROBERT BOSCH GMBH
(72)**Name of Inventor :**
1)RATNADIP CHOUDHURY
2)ANISH KUMAR

(57) Abstract :
The present invention provides a method for protecting a software program from unauthorized use and/or copying. In the invention, the storage medium containing the software program also includes means for: inhibiting use of the software program on the target computer unless a valid authorization key for use has been received from a source computer; a means for generating a signature uniquely associated with a target computer; a means for inhibiting the use of software program on the source computer once an authorization key is generated for transfer of the software program.

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2010

(21) Application No.1277/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATIC DRUG PRESCRIPTION

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAGHU M RAMPRASAD

(57) Abstract :
In one embodiment, a method of automatic drug prescription is provided. The method comprises steps of receiving a query at a central server system regarding a patient, the query concerning the type of drug and dosage level to be administered to the patient, obtaining patient data from at least one medical information system coupled to the central server system and processing the patient data to determine a set of drug and dosage level that can be administered to the patient.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2010

(21) Application No.1269/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR AN INFLUENCE BASED STRUCTURAL ANALYSIS OF A UNIVERSITY

(51) International classification :G06Q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SRIDHAR VARADARAJAN
2)SRIVIDYA GOPALAN
3)PREETHY IYER

(57) Abstract :
An educational institution (also referred as a university) is rich with multiple kinds of data: students, faculty members, departments, divisions, and at university level. Relating and correlating this data at and across various levels help in obtaining a perspective about the educational institution. A structural representation captures the essence of all of the relationships in a unified manner and an important aspect of the relationship is the so-called influence factor. This factor indicates influencing effect of an entity over another entity, wherein the entities are a part of the structural representation. Given such a structural representation, a system and method that propagates the influence factors of the entities to arrive at a stable representation from the point of view of influences is discussed.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2010

(21) Application No.1281/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A MODIFIED TWO WHEELER ENGINE-TO REDUCE FUEL WASTAGE AND POLLUTION IN TRAFFIC SIGNALS

(51) International classification :F02D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)B.VENKATRAMAN

(57) Abstract :
Consider a two wheeler which is standing idle in the signals, where the people do not switch off the engines. At these conditions the fuel is injected in the engines and hence the fuel consumption is there and hence thereby causing the pollution. As per the Government rules to switch off the engines at the signals most of the people do not follow and hence this project finds its way in those cases thereby decreasing the fuel consumption and hence the controlling of the pollution. A case study says that people do not follow these rules of switching off the engines in the signals where the fuel is consumed by the engine when not in use and hence thereby causing unnecessary pollution. We had come with a new invention that aims at overcoming these problems in such a way that the accelerator is connected with a additional flywheel and hence with an additional clutch to the crank shaft of the engine and hence when the engine is in idle conditions (when the accelerator is left) the engine will automatically stop running as the spark plug is cut off and hence the ignition of the fuel. When the accelerator is raised the engine automatically starts running by the engagement of the additional clutch and the additional flywheel which is connected to the accelerator by means of a lever. Thus accelerator acts like a control switch in starting and stopping the engines to overcome the idle conditions.

No. of Pages : 6 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2010

(21) Application No.1276/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING REAL-TIME COMMUNICATIONS SERVICES

(51) International classification	:G06Q, HO4L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SANJOY PAUL
2)KARTHIK SRINIVASAN

(57) Abstract :
The present invention provides a method and a system for providing at least one communications service to one or more service providers by a communications service provider. Communications capabilities of the communications service provider are sliced into a plurality of virtual slices and each of the plurality of virtual slices is configured for a different service provider from among the one or more service providers. At least one communications service is provided to each of the one or more service providers through a respective configured virtual slice by the communications service provider. Each of the one or more service providers further provides the communications service to a user through the respective configured virtual slice in collaboration with the communications service provider.

No. of Pages : 51 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2010

(21) Application No.1280/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SELF PRIMING BATCH SUPPLY SOLAR WATER HEATER

(51) International classification :F24J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VALAGAM RAJAGOPAL RAGHUNATHAN

(57) Abstract :
A Self Priming Batch Supply Solar Water Heater comprising; A water storage tank (1) for storing the cold water which is connected to the inlet pipe (2) its bottom; A solar water heater (3) for receiving water from the said tank through the said pipe (2) and transferring solar energy as thermal energy to the water medium; An inlet pipe (4) fitted inside the said solar water heater for transferring the heated water out of the said solar heater (3); A hot water tank (6) which receives water from the pipe (DI) by siphonic action; The siphon action at the inlet pipe (4) is triggered by means of thermal expansion of the water medium. A ball cock (8) placed in the said water storage tank to maintain the level of water in the suction head.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2009

(21) Application No.1296/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CLOTHE PRESSING IRON FOR REDUCING HUMAN EFFORT

(51) International classification :D06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DOMMARAJU KRISHNA MOHAN RAJU

(57) Abstract :
This invention relates to a Clothe pressing iron for reducing human effort comprise of two flat surfaces hinged at one side, and the hydraulic cylinder is provided at the other side to apply the pressure between the two flat surfaces, a steam generation and hot air generation systems are provided along with a centrifugal blower which circulates the steam and hot air through the folded clothes placed in between the plates, to heat them to the required temperature and then apply the hydraulic pressure to press the clothes.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2010

(21) Application No.1297/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ZERO EMISSION TECHNOLOGY FOR POWER PRODUCTION USING CARBON RECYCLING TECHNOLOGY

(51) International classification :C10L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KARGUDRI,CHANDRASHEKAR JAGANNATH
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(72)**Name of Inventor :**
1)KARGUDRI,CHANDRASHEKAR JAGANNATH

(57) Abstract :
ZERO EMISSION TECHNOLOGY FOR POWER PRODUCTION Using CARBON RECYCLING TECHNOLOGY is production of Power / Electricity using Carbon Recycling Technology to co-produce useful fuels like Methanol, Di- Methyl Ether, Hydrogen, Methane, Carbon Monoxide, etc in a Poly Generation Power Plant using Coal, Carbon source and Carbon of CO2 of Flue gasses from Oxy-fuel gasification to achieve Zero Emissions of GHGs. This process reduces the Carbon intensity by the manufacture of fuel molecules and lastly produces Liquefied Carbon monoxide which is a fuel molecule using recycled Carbon of CO2 in place of CO2 emissions. This Carbon of CO2 would be treated as the Re-cycled Carbon like in Biomass Power Plants for Carbon Abatement credits or Carbon Credits. This is the first Zero Emission Technology to Produce Power.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2010

(21) Application No.1300/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF METHYLCARBAPENEM ANTIBIOTIC

(51) International classification :C07D477/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SANJAY NIVRUTTI KARALE
2)ARVIND ATAMARAM JANGALE
3)RAM DATTATRAYA KALDATE

(57) Abstract :
The present invention provides an improved process for the preparation of methyl carbapenem derivative of formula (I) or its pharmaceutically acceptable salts or hydrates thereof in a pure form.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2010

(21) Application No.1301/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : MECHANISM FOR INTEGRATING APPLICATION DATA WITH AVAILABLE BANDWIDTH ESTIMATION TOOLS FOR CLOUD COMPUTING ENVIRONMENTS

(51) International classification :H04L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVATIUM SOLUTIONS (P) LTD
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(72)**Name of Inventor :**
1)ALOK SINGH
2)VINOD KUMAR GOPINATH
3)BADRINATH SRIRAM
4)VENU GOPALRAJU KANUMARI

(57) Abstract :
The present invention relates to a system and method for integrating useful data while measuring available bandwidth between a cloud computing client device and a server farm. More specifically the present invention relates to the method for integrating useful application data carried inside probe packets, by tools that estimate available bandwidth between two nodes connected through the internet (cloud). Importantly, the present invention relates to the method to overcome application data loss that typically happens during the available bandwidth estimation process. Advantageously, the Cloud Computing Environment (CCE) users internet usage billing reduces significantly and also Available Bandwidth Measurement Tools (ABMT) could be run more frequently without significant increase in billing.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2010

(21) Application No.1303/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : INTELLIGENT DOOR INTERLOCK

(51) International classification :H02B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAJESH K N
2)DEVRAJ MANNA

(57) Abstract :
A door interlock for a switchgear unit enclosing static electrical components like Current Transformers, Voltages Transformers, Fuses etc. comprising of a spring loaded cam mechanism coupled with a lock, said locking mechanism electrically isolated from said electrical components housed within said switchgear unit.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2010

(21) Application No.1302/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : DEVELOPMENT OF A SERICIN EXTRACTION PROCESS FROM SERICIN RICH BIVOLTINE SILKWORM HYBRID COCOON SHELLS

(51) International classification :C07K14/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CENTRAL SERICULTURAL RESEARCH AND TRAINING INSTITUTE
Address of Applicant :SRIRAMPURA,MYSORE-570008. Karnataka India
(72)**Name of Inventor :**
1)A.NASEEMA BEGUM
2)CHANDRAKANTH KALPPA KAMPLE
3)S .M. H. QADRI

(57) Abstract :
This invention relates to a sericin extraction process from sericin rich bivoltine silkworm hybrid cocoon shells of NXCSR 26 comprising the steps of, stifling sericin rich hybrid cocoons at temperature of 100 to 110°C for 4-8 hours, removing the pupae from cocoons and using sericin rich empty shells, extraction using 0.05 to 1.5% liquor solution of sodium carbonate, preferably 0.2 to 0.7% sodium carbonate, wherein the liquor solution is heated at 90 to 100°C hybrid cocoon shells are added to the solution and boiled for 25-35 minutes, cooling the contents at room temperature and filtering through cheese cloth, neutralizing by addition of 0.05 to 0.15 N hydrochloric acid, 4-6 ml, dehydrating the neutralized filtrate by spray drying at 100-130°C at the rate of 4-6 litres in 50-70 mins wherein sericin is obtained as fluffy off white powder.

No. of Pages : 51 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2010

(21) Application No.1317/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING RECOMMENDATIONS

(51) International classification :G06Q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)BHASKAR, TARUN
2)SUBRAMANIAN, GOPI
3)BAL, DEBASIS
4)RAJAGOPALAN, SRIKANTH

(57) Abstract :
A recommendation system is provided. The recommendation system includes a receiving device that receives respective consumer-specific data from a plurality of organizations that offers basic products and services to low-income consumers. The recommendation system further includes a recommendation module that extracts one or more relevant portions of the received consumer-specific data and generates one or more recommendations based upon the extracted one or more relevant portions of the received consumer-specific data.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2010

(21) Application No.1349/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ALCOHOL FREE TRANSPARENT MOISTURIZING BATHING BAR WITH HERBAL AND AYURVEDIC INGREDIENTS

(51) International classification :A61K8/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)D.K.SRINIVASA PRABHU
2)R.GOVINDARAJAN

(57) Abstract :
The present invention relates to formulation of transparent bathing bar and in particular to alcohol-free transparent moisturizing bathing bar with ayurvedic and herbal ingredients which possesses effective skin moisturizing and nourishing benefits. Particularly it relates to monohydric alcohol-free moisturizing transparent bathing bar having only vegetable based raw materials. The present invention would thus provide monohydric alcohol-free transparent moisturizing bathing bar wherein the transparency is maintained even in the re melted bar.

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2010

(21) Application No.1368/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF SUBSTANTIALLY PURE (R)-9-(2-HYDROXYPROPYL) ADENINE

(51) International classification :C07H19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. V. MURALI
2)MR. SATHISH KUMAR RAMAN VISWANATHAN
3)MR. SRINIVASARAGHAVAN NARAYANAN

(57) Abstract :
The present invention relates to pure form of compounds that are useful intermediates in the preparation of phosphonyl methoxyalkyl nucleotide analogs, specifically 9-[(R)-2-(phosphonomethoxy)propyl]adenine, also known as PMPA or Tenofovir. In particular, the invention relates to pure form of (R)-9-(2- hydroxypropyl) adenine that is substantially free of other regio-isomers and the process of preparing therefor.

No. of Pages : 18 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2010

(21) Application No.1370/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : EXPORT PACKAGING TECHNOLOGY FOR JASMINE (JASMINUM SAMBAC AIT.) FLOWERS

(51) International classification :B65D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TAMIL NADU AGRICULTURAL UNIVERSITY
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(72)**Name of Inventor :**
1)DR. M. JAWAHARLAL
2)DR. S.P. THAMARAISELVI
3)DR. M. GANGA
4)MR. K. SETHUMADHAVAN

(57) Abstract :
For the purpose of long distance export of jasmine flowers, a packaging technology has been invented that has proved advantageous in increasing the shelf life of flowers. This package is a combination of chemical treatment (boric acid 4%) along with aluminium foil lined card board box packing and thermocole packaging under gel-ice cold conditions. This combination of post harvest treatment of jasmine flowers have proved to be beneficial in withstanding the overseas transit of flowers. Laboratory analysis to further test the efficacy of the package proved that this package has maintained the freshness index, retained the colour retention index and controlled the flower opening index of jasmine flowers.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2010

(21) Application No.1374/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : APURBASHILA ALL TIME CARRY FAN

(51) International classification :H02J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABHRO JYOTI ROY
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2)SUBHRO JYOTI ROY
(72)**Name of Inventor :**
1)ABHRO JYOTI ROY
2)SUBHRO JYOTI ROY

(57) Abstract :
This invention APURBASHILA ALL TIME CARRY FAN relates to producing a device that can provide air to any person at any place providing them comfort in hot weather reducing exhaustion and sunstroke. The device consists of a cap, a band or any other support(of any shape, design, material, colour or size containing one or more small fans run by rechargeable battery, normal battery or solar cell or all the three and may have safe additional input for direct charging. The battery holder of different capacities may be placed anywhere in the cap. The fan may be fitted to any other position of the body with different types of support. The solar cell of the cap can be used to charge various rechargeable items, example mobile phones etc. It is designed so that it can be placed on a table etc to provide air at home, office during power cut.

No. of Pages : 8 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2010

(21) Application No.1383/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A METHOD OF PREPARING HERBAL SAFFRON. RUBIA CORDIFOLIA IS THE MAIN HERB WITH COMBINATED PURE SAFFRON

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MYSORE SANDAL PRODUCTS
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(72)**Name of Inventor :**
1)

(57) Abstract :
This invention relates to a method of preparing herbal saffron. Rubia cordifolia is the main herb for this inversion. Rubia cordifolia is called Indian Madder in English. This herb has so many medicinal properties. It has the colour of pure saffron but has no fragrance. If combined with pure saffron, this will be better than saffron. It is more economical and beneficial. One can avoid purchase of expensive saffron. This is Manufactured by mixing Rubia Cordifolia extract with pure saffron. This mixture is ground through colouriser in a special apparatus having like filter net to make a powder. This can be used for wherever pure saffron is usable, such as sweets, payasam, milk shake, milk and Rose milk etc.,

No. of Pages : 3 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/05/2010

(21) Application No.1397/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM AND METHOD FOR GREENHOUSE GAS ACCOUNTING AND OPTIMIZATION

(51) International classification :G06Q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAJESH NAIR

(57) Abstract :
A web based method and system for accounting and optimization of costs of meeting greenhouse gas liabilities is provided. The invention described performs the optimization based on the strategy of an organization. Moreover, the present invention optimizes the green house gas emissions, energy consumption and cost associated using various factors to meet the national and international protocols and legislation. The described method and system can be customized to meet the requirements of sectors like oil and gas, power, discrete manufacturing, process industries.

No. of Pages : 33 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2010

(21) Application No.1417/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : EASY SAREE POLISHING MACHINE

(51) International classification :B23P
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)S. JAFFAR ALI

(57) Abstract :
This machine is made up of iron pipes. By using this machine we can remove the shrink from any kind of saree. There is no need of current or fuel to operate this machine. This machine shows stamber multiple shine even than iron the saree. It can be operated even in the raining season from younger to old age of any person in single hand. It is a least chance to get repair for long years because it made by iron pipe if so it could be rectified just by any person. It has qualities to move any places because 4 wheel fitted under this machine.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2009

(21) Application No.143/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AS PHOSPHODIESTERASE INHIBITORS

(51) International classification :C07D417/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SHARMA GANAPAVARAPU VEERA RAGHAVA
4)ANDIAPPAN LAVANYA
5)NARAYANAN SHRIDHAR
6)SAXENA SANJEEV

(57) Abstract :
Described are compounds of the formula (I), their derivatives, analogs, tautomeric forms, regioisomers, stereoisomers, polymorphs, solvates, intermediates, pharmaceutically acceptable salts, pharmaceutical compositions, N-oxides, metabolites and prodrugs thereof. These compounds are phosphodiesterase type 4 (PDE4) inhibitors. They are useful in the treatment of a variety of allergic and inflammatory diseases including asthma, COPD, chronic bronchitis, atopic dermatitis, allergic rhinitis, allergic conjunctivitis, vernal conjuctivitis, psoriasis, rheumatoid arthritis, ulcerative colitis, Crohns disease, uveitis, NASH and lupus.

No. of Pages : 55 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2010

(21) Application No.1431/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : STEREOSCOPIC LEARNING SYSTEM AND METHOD

(51) International classification	:G09B, H04N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DR CHANDRA BHUSHAN

(57) Abstract :
A method and a stereoscopic learning system adapted for elevating a learning experience of plurality of learners are disclosed. The stereoscopic learning system adapted for elevating a learning experience of plurality of learners includes at least one projector for projecting a stereoscopic learning content on a content viewing screen, a projector stand with an adjusting mechanism for accommodating the at least one projector, a learning content processing unit for processing the stereoscopic learning content and communicating a processed stereoscopic learning content with the at least one projector, a plurality of data input communicatively coupled to the learning content processing unit enabling to input a plurality of commands to the learning content processing unit, a plurality of data output devices and an external housing for accommodating the at least one projector, the projector stand, the plurality of cooling devices, the learning content processing unit and the plurality of polaroid filters.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2010

(21) Application No.1435/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : IMPROVED OPTICALLY CLEAR & MECHANICALLY STABLE CONDITIONING SHAMPOO COMPOSITION

(51) International classification :A61K8/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SIRISHA KOMMINEDI
2)THYAGARAJAN LAKSHMI
3)NAGARAJAN RAJASHREE

(57) Abstract :
The present invention provides an improved optically clear and mechanically stable conditioning shampoo composition which comprises (i) at least one amphoteric surfactant (ii) at least one hydrocarbon oil or organic ester (iii) at least one cationic polymer (iv) atleast one anionic and atleast one non-ionic surfactant (v) an aqueous carrier. As optional feature the composition may contain silicone emulsion or quaternized silicone or silicone copolyol or their mixtures thereof and benefit agents which are normally used in such a composition .

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2010

(21) Application No.1436/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : IMPROVED SHAMPOO COMPOSITION AND A PROCESS FOR ITS PREPARATION

(51) International classification :A61K8/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SIRISHA KOMMINEDI
2)THYAGARAJAN LAKSHMI
3)NAGARAJAN RAJYASHREE

(57) Abstract :
The invention relates to an improved shampoo composition comprising, (i)atleast one or more pre-emulsified droplets of silicone selected from (A) non-functionalised silicone and/or functionalized silicone, as preformed emulsion having an average silicone particle size in the range of 0.30 to 30 microns and /or atleast one or more pre-emulsified droplets of silicone selected from (B) non-fuctionalised silicone and/or functionalized silicone as a pre-formed emulsion (ii) one or more ethers belonging to the groups of long chain dialkyl ether, polyethyleneglycoldialkylethers and polypropyleneglycoldialkylethers (iii) a mixture of an anionic surfactant and at least one or more surfactants selected from amphoteric, zwitter-ionic and non-ionic surfactants, (iv) two or more co-acervate forming cationic polymers, and (v) an aqueous carrier.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2010

(21) Application No.1438/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : REFRACTIVE INDEX, WAVELENGTH OF A MEDIUM BY R.VELMURUGAN SHADOW EXPERIMENT

(51) International classification	:H01J	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)R.VELMURUGAN**
(32) Priority Date	:NA	Address of Applicant :SENGAMEDU (VILL),
(33) Name of priority country	:NA	AVINANGUDI (PO), TITTAGUDI (TK), CUDDALORE (DT),
(86) International Application No	:NA	PIN - 606 112. Tamil Nadu India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)R.VELMURUGAN**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
According to R.Velmurugan the relation between length of an object and its shadow length in air medium is L = L0 Velmurugan constant in air / tanÎ¸, the relation between length of an object and its shadow length in medium is L = L0 Velmurugan constant in medium / tanÎ¸, Î¼ = tanÎ¸1=1o in air / tanÎ¸=1o in medium.

No. of Pages : 5 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2010

(21) Application No.1437/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : DIFFERENT FORMS OF R.VELMURUGAN'S SHADOW FORMULA

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)R.VELMURUGAN
Address of Applicant :SENGAMEDU (VILL), AVINANGUDI (PO), TITTAGUDI (TK), CUDDALORE (DT), PIN - 606 112. Tamil Nadu India
(72)**Name of Inventor :**
1)R.VELMURUGAN

(57) Abstract :
According to R.Velmurugan the relation between length of an object and its shadow length is L = L0 R.Velmurugan constant / μ TanÎ¸. In above written formula the μ contain many formula to substitute hence we can obtain many equation from R.Velmurugan shadow formula.

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2010

(21) Application No.1441/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PEG AND HOLE LIQUID DISPENSER

(51) International classification :A47K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
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(72)**Name of Inventor :**
1)KUPPUSWAMI, THIYAGARAJAN

(57) Abstract :
The present invention relates to a novel peg and hole liquid dispenser assembly that can be mounted on walls with a handle to dispense a nominal amount of liquid and the container held onto a dispenser by means of hole-and-peg arrangement. The handle dispenses (pumps out) liquid from the container.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2009

(21) Application No.1442/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A PELLETIZING SYSTEM

(51) International classification :B65G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STEER ENGINEERING PRIVATE LIMITED
Address of Applicant :290, 4TH MAIN, 4TH PHASE, PEENYA INDUSTRIAL AREA, BANGALORE- 560 058 Karnataka India
(72)**Name of Inventor :**
1)BABU PADMANABHAN
2)ARUNAJATAI VISWANATHAN

(57) Abstract :
A pelletizing system for material to be pelletized is disclosed. The pelletizing system includes a chamber defining a base and a material inlet positioned above the base. The material inlet is configured to receive the material to be pelletized. The chamber further includes a belt inlet and a belt outlet positioned substantially towards the base of the chamber. The pelletizing system also includes a rotating metal conveyor belt configured to enter and exit the chamber by the belt inlet and the belt outlet respectively/ The pelletizing system further includes a trough positioned outside the chamber and configured to hold a cooling fluid such that the rotating metal conveyor belt passes through the trough before entering the chamber by the belt inlet. The pelletizing system further includes a cutter assembly positioned at the material inlet for receiving the material to be pelletized and cutting the material into pellets such that the pellets formed by the cutter assembly fall through the chamber onto the metal conveyor belt.

No. of Pages : 24 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2010

(21) Application No.1447/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF DOCETAXEL

(51) International classification :C07D305/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)APTUIT LAURUS PVT LTD
Address of Applicant :APTUIT LAURUS PVT LTD, 2ND FLOOR, SERENE CHAMBERS ROAD #7, BANJARA HILLS, HYDERABAD - 500 034. Andhra Pradesh India
(72)**Name of Inventor :**
1)PRATHA SRIDHAR
2)CHIVAKULA KAMESWARA RAO
3)DAMMALAPATI VENKATA LAKSHMI NARASIMHA RAO
4)GORANTLA SEETA RAMANJANEYULU

(57) Abstract :
The present invention relates to an improved process for the preparation of Docetaxel with high purity and yield. The invention further relates to the process for the purification of protected Docetaxel in suitable solvents or mixtures thereof. The present invention is also related to process for the enrichment of phenyl isoserine intermediate, which is one of the key intermediates used in the preparation of Docetaxel.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2010

(21) Application No.1460/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COMMERCIAL PROCESS FOR THE MANUFACTURE OF (S)- TRIONE

(51) International classification :C07D471/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AVRA LABORATORIES PVT.LTD.
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(72)**Name of Inventor :**
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2)RAO, RAMAKRISHNA
3)NANDIPATI, RAMA DEVI
4)VINAY AVINASH CHAMLE
5)ALLA VENKATA RAMA RAO

(57) Abstract :
The present invention discloses large scale process for the production of 5-(S)-l,5- dioxo-(5-ethyl-5-hydroxy-2H,5H,6H-6-oxopyrano)-[3,4,f]-Δ 6,(8)-tetrahydro indolizine, referred as (S)-Trione (14) a useful intermediate for the preparation of camptothecin analogs in high yield and purity. The present invention further discloses the conversion of the undesired (R)-Isomer (12b) to the racemic product (11), which is then recycled to obtain required (S)-Trione (14).

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2010

(21) Application No.1464/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ELECTRONIC DETECTION & PREVENTION OF ACCIDENTS OF TRANSPORT VEHICLES IN HIGHWAYS

(51) International classification :G08G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)S. KATHIRESAN
Address of Applicant :8/6, SANTHOME COLONY, ANNANAGAR WEST EXTENTION, CHENNAI - 600 101. Tamil Nadu India
(72)**Name of Inventor :**
1)S. KATHIRESAN

(57) Abstract :
A system of electronic sensing is provided in the transport buses / Lorries ect. for sensing closeness of the moving vehicle on the road either on left or right or front side to a sensible distance. Five Nos of senses S1,S2,S3,S4,S5, are used and connected in the electric circuit with 24V battery system available in the vehicle s- the final out put is connected to a signal / alarm box i.e signal processor kept in front of the driver. When the moving vehicles are coming to sensible distance of approximately 1 meter the operation of the electronic circuit will start and sense the movement of the vehicle either on the right or left side and the signal box Will give the signal / alarm respectively. This will enable the driver to be alert and caution him to apply the brake immediately which will allow both the vehicles not to collide each other and there by preventing the accident. In the same way the front sensor will sense the vehicle which will be at a distance of 3 to 4 meters and stoppage of the front vehicle due to any unforeseen reason in the traffic / traffic problem is possible to allow the driver to apply brake immediately by the caution given by the senses and thereby this will avoid collusion of the vehicle on the back side of the front vehicle. in this way, incorporation of the sensors in all the vehicles will prevent collusion and thereby accident in the main highway traffic by both buses and lorries can be prevented.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/06/2009

(21) Application No.1467/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF LETROZOLE

(51) International classification :C07D249/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ACTAVIS GROUP PTC EHF
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(72)**Name of Inventor :**
1)KISHORE CHARUGUNDLA
2)PRAVEEN KUMAR NEELA
3)NITIN SHARADCHANDRA PRADHAN

(57) Abstract :
Disclosed herein is an improved, commercially viable and industrially advantageous process for the preparation of letrozole.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2010

(21) Application No.1465/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A LEVER ACTUATED FLOAT-SWITCH

(51) International classification :B63B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHEERAM PARAMBIL MUHAMMAD

(57) Abstract :
A lever actuated float-switch of flip-flap or toggle type having an input member to which is attached a lever, carrying certain mass and capable of swinging about a pivot in such manner that the said swinging switches-on or switch-off an electrical circuit at predetermined lower or upper levels of liquid in the reservoir in which the float-switch floats ;the said float- switch being enclosed in a water tight floating container moored to a fixed anchor through a flexible cable of predetermined length such that the floating container turns upside down upon reaching the upper or lower limit of level of liquid in the reservoir, the turning upside down of the floating container effecting the swinging of the said lever with mass exerting a torque to cause switching on or off of the electrical circuit.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2011

(21) Application No.1535/CHENP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A METHOD AND APPARATUS FOR SPEECH DECODING ACCORDING TO CODE-EXCITED LINEAR PREDICTION (CELP)

(51) International classification :G10L19/00
(31) Priority Document No :HEI 9-354754
(32) Priority Date :24/12/1997
(33) Name of priority country :Japan
(86) International Application No :PCT/JP98/05513
Filing Date :07/12/1998
(87) International Publication No :WO 1999/034354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :202/CHENP/2006
Filed on :07/12/1998

(71)**Name of Applicant :**
1)MITSUBISHI DENKI KABUSHIKI KAISHA
Address of Applicant :7-3 MARUNOUCHI 2-CHOME CHIYODA-KU TOKYO 100-8310 Japan
(72)**Name of Inventor :**
1)TADASHI YAMAURA

(57) Abstract :
A speech decoding method according to code-excited linear prediction (CELP) wherein the speech decoding method receives a coded speech including a linear prediction parameter code, an adaptive code, and a gain code, and generates an excitation signal by using an excitation code vector and an adaptive code vector and synthesizes a speech by using the excitation signal, the speech decoding method comprising: decoding the gain code from the coded speech; obtaining the adaptive code vector from an adaptive codebook; processing the decoded gain code in order to classify the decoded gain code as being one of a plurality of gain codes, the plurality of gain codes including a first gain code corresponding to a first noise level and a second gain code corresponding to a second noise level, the second noise level being greater than the first noise level; obtaining based on an excitation codebook a first time series vector as the excitation code vector if the decoded gain code is classified as being the first gain code; obtaining based on an excitation codebook a second time series vector as the excitation code vector if the decoded gain code is classified as being the second gain code, the second time series vector having a greater noise level than the first time series vector; generating the excitation signal by using the excitation code vector and the adaptive code vector; and synthesizing the speech by using the excitation signal.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2009

(21) Application No.1605/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COPYING FILES FROM ONE DIRECTORY TO ANOTHER

(51) International classification :G06F
(31) Priority Document No :12/178,593
(32) Priority Date :23/07/2008
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :2701 SAN TOMAS EXPRESSWAY, SANTA CLARA, CALIFORNIA 95050 U.S.A.
(72)**Name of Inventor :**
1)SATYANARAYANA REDDY THADVAI

(57) Abstract :
An aspect of the present invention stores files of a source directory in a target directory. In an embodiment, a unique identifier is generated for each of the files and a new location and a new name are generated for the file. The new location represents the specific sub-directory of the target at which the file is stored. The file is stored at the new location with the new name. Such storing in a new location with a new name can be advantageously used to address various issues in corresponding environments. In one environment, the target directory is stored in an embedded system, with limited resources and the source directory contains several files with substantial overlapping names (which can require substantial resources to search for a specific file). The unique identifiers are generated according to media transfer protocol (MTP), which generates an object identifier for each of the files/directories, etc.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/1996

(21) Application No.1654/MAS/1996 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : NOVEL AFFINITY LIGANDS AND THEIR USE

(51) International classification	:B01D15/08, B01D15/38
(31) Priority Document No	:9519197.9
(32) Priority Date	:20/09/1995
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHRISTOPHER R. LOWE
2)KENNETH SPROULE
3)RONGXIU LI
4)JAMES C PEARSON
5)STEVEN J BURTON
6)DAVID J STEWART

(57) Abstract :
The present invention relates to novel affinity ligand-matrix conjugates comprising a ligand with the general formula (a) which ligand is attached to a support matrix in position (A), optionally through a spacer arm interposed between the matrix and ligand. The invention furthermore relates to these novel affinity ligand-matrix conjugates and the preparation and use thereof in the purification of proteinaceous materials such as e.g. immunoglobulins, insulins, Factor VII, or human Growth Hormone or analogues, derivatives and fragments thereof and precursors.

No. of Pages : 83 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2009

(21) Application No.1760/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ELEVATED TRANSPORT SYSTEM

(51) International classification :G07B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SRINIDHI ANANTHARAMAN

(57) Abstract :
The present invention relates to a transport system and more particularly to an elevated public transport system. Further, the present invention relates to public transportation in the urban transit industry and specifically to a city rapid transit system capable of attaining a higher person per hour per direction capacity matching elevated urban rail rapid transportation. Thus the present invention is an improvement in mass transportation which reduces congestion, energy consumption and air pollution, thus making public transport very attractive.

No. of Pages : 22 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2009

(21) Application No.1765/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : NOVEL POLYMORPHS OF RALTEGRAVIR

(51) International classification :A61K9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM TOWERS, ALEXANDER ROAD, SECUNDERABAD - 500 003 Andhra Pradesh India
(72)**Name of Inventor :**
1)JETTI, RAMAKOTESWARA RAO
2)JONNALAGADDA, MADHAVI
3)RAVAL, CHETAN KANAIYALAL
4)DATTA, DEBASHISH

(57) Abstract :
The present invention relates to novel polymorphic forms of Raltegravir and processes for its preparation thereof. The present invention further relates to an improved process for preparation of amorphous and crystalline Form 1, Form 2 and Form 3 of Raltegravir potassium salt.

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/01/2009

(21) Application No.18/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ENERGY METER WITH TAMPER PROOF SEALING MECHANISM

(51) International classification	:G01F, G01R	(71)**Name of Applicant :** **1)LARSEN & TOUBRO LIMITED** Address of Applicant :KIADB INDUSTRIAL AREA, HEBBAL-HOOTAGALLI, MYSORE-570 018 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)KAMALAKAR. M** **2)SUNIL GAVALI**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The various embodiments of the present invention provide an energy meter with a tamper proof sealing mechanism. According to one embodiment, the energy meter has a terminal block assembly inserted into an integrated cover assembly. A sealing mechanism is provided between the terminal block assembly and the integrated cover assembly. The sealing mechanism is arranged at the inner side of the integrated cover assembly and is not accessible from outside. The integrated cover assembly and the terminal block assembly are attached together through a click fit arrangement.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2009

(21) Application No.189/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN AUTOMATIC SYSTEM AND A PROCESS TO MELT IRON AND STEEL BY EXOTHERMIC REACTION

(51) International classification	:C21C, B22D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KRISHNAN RAJENDRAN,

(57) Abstract :
This invention relates to an automatic system to melt Iron and Steel by exothermic reaction comprising of hydraulic power packs, agitator assembly, cylinder along with a trolley system and a rail track arrangement connected to each other as shown in fig .1. Further, this invention also relates to a process to melt iron and steel by exothermic reaction comprising steps of pre-heating, melting and pouring wherein preheating of scrap is followed by movement of ladle to the melting zone by means of a hydraulically operated trolley system; said pre-heating is followed by introduction of the exothermic mixture into the ladle and stirring of the scrap such as herein described.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2009

(21) Application No.2020/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : VIRTUAL MEMORY SYSTEM WITH VARIABLE-SIZED PAGES

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAMLESH GANDHI

(57) Abstract :
A method for managing a virtual memory system configured to allow variable-sized pages is provided. The size of a page is not required to be a power of two. Variable, arbitrarily-sized pages are mapped to a contiguous segment or virtual address space. The method also provides for efficient relocation, insertion, and removal of data in a virtual memory region. The method also provides virtual lookup-tables.

No. of Pages : 41 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2009

(21) Application No.2115/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PROCESSES FOR PREPARATION OF ELVITEGRAVIR POLYMORPHS FORM I, FORM II, FORM III AND AMORPHOUS

(51) International classification :A61K9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JETTI, RAMAKOTESWARA RAO
2)BHAGAVATULA, NEELIMA
3)DATTA,DEBASHISH

(57) Abstract :
The present invention relates to processes for the preparation of amorphous Elvitegravir, crystalline Elvitegravir Form I, II & III.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2009

(21) Application No.216/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CUVETTE FOR I-HEME

(51) International classification :G01N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AJU MATHEW
2)VIVEK KAILASNATH

(57) Abstract :
The present invention provides a cuvette for holding body fluid sample for analysis comprising: an inlet cavity for allowing body fluid sample to be analyzed into the cuvette; a measurement cavity provided with predetermined test reagent and liquid sample contained therein through which the electromagnetic energy is passed comprising a first side through which the electromagnetic energy enters and a second opposite side through which the electromagnetic energy leaves; reception cavity to receive the capillary tube containing body fluid sample is a down-gradient towards the closing end of the cuvette; closing means to close the cuvette when the capillary tube containing body fluid dropped into the cuvette for analysis need to be mixed thoroughly.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2009

(21) Application No.2188/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PALIPERIDONE OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF SUBSTANTIALLY FREE OF IMPURITIES

(51) International classification :C07D498/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GIRISH DIXIT
2)ANIL SHAHAJI KHILE
3)JAYESH LALJIBHAI PATEL
4)NITIN SHARADCHANDRA PRADHAN

(57) Abstract :
Provided herein are impurities of paliperidone, 3-[2-[4-[l-(4-fluoro-2-hydroxyphenyI) methanoyljpiperidinyl-1 y1]ethyl]-2-methyl-6,7,8,9-tetrahydro-4H-pyrido[1,2-a]pyrimidin-4-one (methanoyl impurity), 3-[2-[4-(6-fiuoro-l ,2-benzisoxazol-3-yl)-l -piperidinyl]ethyl]-2-methyl-4H-pyrido[l,2-a]pyrimidin-4-one (dehydroxy impurity) and 3-[2-[4-(6-fluoro-l,2-benzisoxazol-3-yl)-l-piperidinyl]ethyl]-2-methyl-7,8-dihydro-6H-pyrido[l,2-a]pyrimidin-4,9-dione (9-keto impurity), and processes for preparing and isolating thereof. Provided further herein is a highly pure paliperidone or a pharmaceutically acceptable salt thereof substantially free of methanoyl, dehydroxy and 9-keto impurities, process for the preparation thereof, and pharmaceutical compositions comprising highly pure paliperidone or a pharmaceutically acceptable salt thereof substantially free of methanoyl, dehydroxy and 9-keto impurities. Provided also herein are improved and efficient processes for preparing paliperidone intermediates.

No. of Pages : 69 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2009

(21) Application No.2407/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : NOVEL METHOD FOR ENHANCED VENDING OF CRICKET

(51) International classification	:A63F, A63B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)NARSIMHAN CHARATH

(57) Abstract :
The invention presents a novel method of enhancing the vending of cricket in which, two teams play each other in a game with each team playing two innings in one match, with a total specified number of overs of upto one hundred eighty overs for both team across both their innings. Further, each team can choose to play any number of overs between a specified number of minimum overs in each innings before it can declare its innings. A team would also be allowed to use a specified total number of wickets for the entire match and a further maximum number of wickets in any of the two innings. Within this framework, the team scoring the higher total aggregate number of runs while still bowling out the opposition across both their innings would be the winner. These and other variations and preferred embodiments of the invention are explained in the detailed application and the claims thereof. The new method will enable a much more tactically complex and well balanced form of the game to be played, yet within a time period of between two full days to four half days adding to spectator interest and commercial value through enhanced vending of the game through television, radio and internet media.

No. of Pages : 12 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2009

(21) Application No.241/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : TAMPER DETECTION SYSTEM HIGH VOLTAGE-HIGH FREQUENCY ARCING IN ENERGY METER

(51) International classification :G01R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHYAM PRABHU NARAYANA MOORTHY
2)LAKSHMISHA. P.K.

(57) Abstract :
The various embodiments of the invention provide a system and method to detect the tampering of the energy meter due to high voltage high frequency (HV-HF) arcing in a non-contact manner using an inductive coupling technique. The system has a transducer to detect a high voltage high frequency arcing. The detection signal is conditioned and amplified with a signal conditioning circuit and two stage cascaded signal amplifiers. The amplified detection signal is compared with a reference signal in a comparator to detect a tampering event. The tampering event is time stamped and stored in a permanent memory for future reference.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2009

(21) Application No.2423/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PREPARATION OF DULOXETINE, ITS SALTS AND INTERMEDIATES THEREOF

(51) International classification :C07D333/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SRINIVASULU GUDIPATI
3)SRINIVASA RAO KOTARU

(57) Abstract :
The present patent application relates to the process for the preparation of Duloxetine or a pharmaceutically acceptable salt thereof comprising the reaction of (S)-(+) N, N-Dimethyl-3-(l-naphthalenyloxy)-3-(2-thienyl) propanamine with alkyl or aryl chloroformate to form Duloxetine carbamate compound in presence of acid scavenger and solvents selected from the non polar hydrocarbon and converting Duloxetine carbamate compound into Duloxetine or its acid addition salts thereof.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2009

(21) Application No.2438/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN APPARATUS FOR DETECTING THE POSITION OF GRIPPER BEAM IN A TEXTILE MACHINE

(51) International classification :D01H
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PURUSOTHAMAN SURESH
4)JAYAGOPAL DHARANIPATHI
5)CHOUNDAPPAN DEENADAYALA

(57) Abstract :
The present invention relates to an apparatus for detecting the position of gripper beam in a textile machine. A textile ring spinning and twisting machine comprises an autodoffer. The autodoffer is provided with a gripper beam with plurality of grippers for gripping and releasing the individual conical tubes/cops as the case may be. This invention deals with the usage of ultrasonic sensor to directly detect the position of gripper beam in a textile ring spinning and twisting machine.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2009

(21) Application No.2447/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SYSTEM FOR COOLING AND RE-CIRCULATION OF DILUTE MIXTURE OF EXHAUST GAS AND CHARGED AIR TO AN IC ENGINE

(51) International classification :F02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ATHAR MOHAMMED KHAN
2)P.A.LAKSHMINARAYANAN

(57) Abstract :
An improved system for cooling and re-circulation of dilute mixture of exhaust gas and charged air to an IC engine 1 comprises a turbocharger having a turbine 6 and a compressor 9 coupled together. The turbine is operated using exhaust gas from the engine to drive the compressor, which pumps charged air 10 by compressing fresh air received from an air inlet unit 8. An orifice means 4 is attached to an exhaust manifold 3 of the engine for metering and regulating a desired quantity of exhaust gas 11 in an exhaust gas recirculation (EGR) conduit 18. A venturi means 12 is in connection with the orifice means and the compressor for diluting pressure of the desired quantity of exhaust gas and homogenously mixing the diluted exhaust gas with the charged air from the compressor in a uniform manner. A cooler unit 13 is associated with the venturi means for cooling and recirculating the dilute mixture of exhaust gas and charged air to an intake manifold 2 of the engine for combustion. The system achieves higher overall effectiveness of cooling and appropriate mixing of exhaust air with charged air to the IC engine and also eliminates the need for two independent heat exchangers and electronically controlled valve.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2009

(21) Application No.2450/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : FUEL TANK FOR A SCOOTER TYPE MOTORCYCLE

(51) International classification :B60K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JEGATHALA RAJA NANDAKUMAR
3)SRINIVASAN KARTHIKEYAN
4)RENGARAJAN BABU

(57) Abstract :
One of the most important aspects of the invention is a hinge mounted fuel tank cap over the fuel tank cap holder. This fuel tank cap holder is mounted on the fuel tank inlet having a collar wherein threaded inserts are there to facilitate screwing. Moreover, another aspect of the invention is oneness and totality of the whole fuel tank structure, which helps in maintenance and serviceability.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2009

(21) Application No.2451/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : VIBRATION PROOF STRUCTURE FOR HEADLAMP HOUSING

(51) International classification	:B60Q, F21V
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MEGHASHYAM LAXMAN DIGHOLE
2)KARTHIKEYAN RAMALINGAN
3)YOGESH CHANDRAKANT KOTNIS

(57) Abstract :
A vibration proof structure for headlamp housing rear is provided to isolate the instrument cluster or headlamp housing front from the headlamp housing rear. A rubber beading is made in a single piece which extends along the ribs on the interior sides of the headlamp housing rear in both front and side ways.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2009

(21) Application No.2468/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : JACK MOUNTING STRUCTURE

(51) International classification :B60R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NILESH OJHA
3)NARSING RAO RAMGIRWAL
4)B.AROKIA PUDUMAI JEYARAJ

(57) Abstract :
A jack mounting is provided for three wheeler which includes a jack, two long members spaced apart extending from front of the vehicle to rear end of the vehicle defining the width of the vehicle, a cross member cabin support rear which is attached to the rear end of the long members and a reinforcement plate. With the help of clamping member the jack is engaged with the reinforcement plate to the cross member cabin support rear. The said jack mounting arrangement is placed inside the cabin of the three wheeler making it theft proof.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2009

(21) Application No.2466/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : STAND FOR A MOTORCYCLE

(51) International classification	:B62K, B62H
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)VEERA REDDY JONNALA
3)BAPURAM RAJASIMHA

(57) Abstract :
A centre stand assembly for a motorcycle comprising a pair of legs left and right, a pivot tube connected to the said legs, where the ratio between the centre stand pivot length and the span between bottommost of the said legs is at least 1:3 to substantiate vehicle load distribution to either wheels and with the said motorcycle tilting with respect to vertical to the tune of maximum of 15 degrees during parked condition.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2009

(21) Application No.2467/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : THROTTLE CONTROL DEVICE FOR A MOTORCYCLE

(51) International classification :F02D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BAPURAM RAJASIMHA
3)VENKATA MANGARAJU K
4)RENGARAJAN BABU

(57) Abstract :
A throttle control device including a throttle cable holder mounted on a handle bar and a throttle control operating means mounted on the said throttle cable holder. The throttle cable operating means comprises a inner flexible cable flanked by a movable outer sleeve which is restricted by a restricting device wherein. The said sleeve is adapted for receiving a handle grip thereover and the said control device comprises a restricting means for selectively holding the said throttle operating means in a predetermined position.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2009

(21) Application No.2485/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : TONER WHEEL MOUNTING STRUCTURE FOR A MOTORCYCLE

(51) International classification :F16D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VENKATESH GOVINDAN
3)VELAGAPUDI SAI PRAVEEN
4)WINNEY K MATHEWS
5)RANGARAJAN BABU

(57) Abstract :
A toner wheel mounting structure for a motorcycle comprising a wheel with a bearing housing and a plurality of connecting arms extending radially from the bearing housing to the outer wheel rim having a brake disc attached to the said wheel along with a toner wheel attached to the wheel for detecting the wheel speed. The connecting arms are adapted to provide a protruding boss on whom the toner wheel and the disc brake are mounted.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2009

(21) Application No.2486/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : BUMP- STOPPER FOR A SCOOTER TYPE MOTORCYCLE

(51) International classification :B60G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)VENKATA MANGARAJU K
4)RENGARAJAN BABU

(57) Abstract :
The basic profile of the bump stopper 205 is curved at top 208 and bottom 209 surfaces so as to make area contact with the main tube, which is cylindrical. This area contact helps in uniform loading of bump stopper 205 and bump stopper-mounting bracket 203 thereby reducing the stress on bracket 203. The bracket 203 is slotted to hold the bump stopper 205. The top portion of bump stopper 205 is stepped 212 to achieve high variable stiffness ratio. The top step comes into contact for small rotation of toggle link 201, provide low stiffness to results in better vibration isolation and reduce road shocks. After certain rotation, entire area comes in contact with the main tube exerting very high stiffness when the toggle link 201 motion has to be stopped. Thus a high differential stiffness ratio is achieved using a single bump stopper 205 with this design.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2009

(21) Application No.2510/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : 'PROCESS FOR PREPARING CLOPIDOGREL HYDROGENSULFATE POLYMORPH'

(51) International classification :C07D495/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)NITIN SHARADCHANDRA PRADHAN

(57) Abstract :
Provided herein is an improved process for preparing highly pure clopidogrel hydrogensulfate crystalline Form I characterized by an X-ray powder diffraction pattern having peaks expressed as 2-theta angle positions at about 9.2, 10.9, 15.3, 18.0, 18.5, 20.6, 23.2, 23.4 and 25.5 ± 0.2 degrees.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/10/2009

(21) Application No.2575/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DIPEPETIDYL PEPTIDASE-IV INHIBITOR

(51) International classification :C07D241/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :
The present invention relates to a process for preparing 7-[(3R)-3- amino-l-oxo-4-(2,4,5-trifluorophenyl)butyl]-5,6,7,8-tetrahydro-3-(trifluoromethyl)-[l,2,4]-triazolo[4,3-a]pyrazine of Formula I.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2009

(21) Application No.2726/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PERCOLATED MOIST AIR COOLER

(51) International classification :F25D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)THUMSWAMY JOSEPH DAVID

(57) Abstract :
The present invention, perspiration percolated moist air cooler,114, relates to percolated cool air coolers, in particular cooling of air by passing air through water percolated medium, in controlled regulated manner. To cool the air to provide comfort in houses, apart from comfort to provide low cost storage of vegetables, fruits, floricultural products, and of cooling of drinking water.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2009

(21) Application No.276/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : TOUCH-GESTURE RECOGNITION SYSTEM FOR VEHICLES

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SAMRAJ JABEZ DHINAGAR
2)SUNIL KUMAR CHIPPA

(57) Abstract :
The present subject matter describes a touch-gesture recognition system (100) in a vehicle. The touch-pad recognition system (100) includes a touch-pad sensor (101) and a microcontroller (105). Touch-gesture patterns made by a user are received by the touch-pad sensor (101). The microcontroller (105) connected to the touch-pad sensor (101) analyzes the touch-gesture patterns. Based on the analysis the microcontroller (105) identifies actuate commands corresponding to the touch-gesture patterns. The actuate commands are executed to operate various devices in the vehicle.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2009

(21) Application No.3383/CHENP/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COLLAGEN PEPTIDE COMPOSITION AND FOOD OR BEVERAGE CONTAINING THE SAME

(51) International classification	:C07K14/78, A23L1/30
(31) Priority Document No	:2006-309032
(32) Priority Date	:15/11/2006
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP07/72196 :15/11/2007
(87) International Publication No	:WO 2008/059927 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)OHARA, HIROKI
3)NAKAJIMA, TAKANORI,
4)SUGIHARA, FUMIHITO
5)TAKASAKI, HAJIME,

(57) Abstract :
An object of the present invention is to elucidate a collagen peptide composed of oligopeptides having ability to enter the blood higher than that of conventional collagen peptides and thus to provide a food or beverage mixed with the collagen peptide. The present invention provides a collagen peptide composition obtainable by digesting a collagen or gelatin with protease, which comprises 70% to 100% by weight of peptides with a molecular weight 500 or more to 3000 or less, less than 10% by weight of peptides: with a molecular weight of less than 500, and less than 20% by weight of peptides with a molecular weight of more than 3000, based on the total weight of the composition, wherein the ratio of N-terminal glycine residues to total of the N- terminal amino acid residues of the peptides in the composition is 33 mol% or more to 65 mol% or less.

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2009

(21) Application No.3494/CHENP/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN ULTRA-HIGH SOLID CONTENT POLYURETHANE DISPERSION AND A CONTINUOUS PROCESS FOR PRODUCING ULTRA-HIGH SOLID CONTENT POLYURETHANE DISPERSIONS

(51) International classification	:C08G18/12, C08G18/28
(31) Priority Document No	:60/875,656
(32) Priority Date	:19/12/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US07/88194
Filing Date	:19/12/2007
(87) International Publication No	:WO 2008/077118 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ERDEM, BEDRI
2)BHATTACHARJEE, DEBKUMAR

(57) Abstract :
The instant invention is an ultra-high solid content polyurethane dispersion, and a continuous process for producing ultra-high solid content polyurethane dispersions. The ultra-high solid content polyurethane dispersion includes the reaction product of: (1) a first component, wherein the first component is a first polyurethane prepolymer or a first polyurethane prepolymer emulsion; (2) a second component, wherein the second component is a second polyurethane prepolymer, a second polyurethane prepolymer emulsion, a low solid content polyurethane dispersion, a seed latex, or combinations thereof; (3) and a chain extender. The ultra-high solid content polyurethane dispersion has a solid content of at least 60 percent by weight of the solid, based on the total weight of the ultrahigh solid content polyurethane dispersion, and a viscosity in the range of less than 5000 cps at 20 rpm at 21° C using spindle #4 with Brookfield viscometer. The method for producing a high-solid content polyurethane dispersion includes the following steps: (1) providing a first stream, wherein said first stream comprising a first polyurethane prepolymer or a first polyurethane prepolymer emulsion; (2) providing a second stream, wherein said second stream being a media phase selected from the group consisting of a second polyurethane prepolymer, a second polyurethane prepolymer emulsion, a polyurethane prepolymer dispersion, a seed latex emulsion, or combinations thereof; (3) continuously merging said first stream with said second stream in the presence of a chain extender; and (4) thereby forming a polyurethane dispersion having a solid content of at least 60 percent by weight of the solid, based on the total weight of the ultra-high solid content polyurethane dispersion, and a viscosity in the range of less than 5000 cps at 20 rpm at 21° C using spindle #4 with Brookfield viscometer.

No. of Pages : 46 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2010

(21) Application No.3562/CHE/2010 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : INTEGRATED INTERACTIVE SYSTEMS AND METHODS WITH SINGLE TRANSACTIONAL DATABASE AND REPORTING APPLICATION FOR ECLINICAL TRIALS

(51) International classification :G06F19/00
(31) Priority Document No :12/901,698
(32) Priority Date :11/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHWETHA RAMACHANDRA KAMATH
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3)ANANDA

(57) Abstract :
The present invention relates to a fully integrated systems and methods to offer end-to-end solution in designing, managing, recording, analyzing, mining and reporting of traditional as well as adaptive clinical trials with single transaction database. Particularly, the present invention relates to a system and method for clinical trial which will help pharmaceuticals/biotech/medical device companies and clinical research organizations (CROs) to manage various activities as per the business flow of a clinical trial, right from protocol design to submission of clinical study reports through their various functionalities/modules. Specifically, the present invention is suitable for adaptive clinical trials where the clinical plans are modified based on the results obtained in the single or multiple interim data analysis. More specifically, the present invention offers a closed loop feedback control of trial parameters and expectations to enhance trial success and addresses safety and efficacy concerns without compromising blinding and statistical validity.

No. of Pages : 65 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2009

(21) Application No.3563/CHENP/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : IMPROVED PREPARATION OF 3,4-DIHYDROISOQUINOLINES IN THE SYNTHESIS OF MORPHINANS

(51) International classification	:C07C235/34, C07D217/20
(31) Priority Document No	:60/874,131
(32) Priority Date	:11/12/2006
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US07/25263 :10/12/2007
(87) International Publication No	:WO/2008/073390
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:3258/CHENP/2009 :10/12/2007

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2)WANG, PETER, X.,
3)MOSER, FRANK, W.,
4)CANTRELL, GARY, L

(57) Abstract :
The present invention is directed to processes for the synthesis of morphinans. In particular, a process for coupling a carboxylic acid compound with an amine compound to form an amide product that can then be isolated or the crude amide product can be cyclized to form a 3.4-dihydroisoquinoline. In one embodiment, the, carboxylic acid contains a phenol moiety protected with a labile protecting group. The protected phenol reduces reaction times, simplifies work-up of the product, and reduces the amount of cyclizing agent, POCI3 that is necessary to form the 3,4-dfhydroisoquinoline.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2009

(21) Application No.518/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A PROCESS FOR THE MANUFACTURE OF PURE ANHYDROUS ARIPIPRAZOLE FORM B

(51) International classification :C07D241/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PAMUJULA SRINIVASULU
3)CHITTALA VENKATA SUBRAMANYAM

(57) Abstract :
The present invention relates to a novel, industrially viable and cost effective process for manufacturing of substantially pure anhydrous Form B of 7-[4-[4-(2,3-dichlorophenyl)-l-piperazinyl]butoxy]-3,4-di-hydrocarbostyril also known as Aripiprazole

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2009

(21) Application No.571/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SUBSTITUTED FUSED PYRIMIDINE COMPOUNDS

(51) International classification	:C07D239/00	(71)**Name of Applicant :**
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(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)PALLE, VENKATA**
(87) International Publication No	: NA	**2)RAMDAS,VIDYA**
(61) Patent of Addition to Application Number	:NA	**3)BARAWKAR, DINESH**
Filing Date	:NA	**4)BASU, SUJAY**
(62) Divisional to Application Number	:NA	**5)KOUL, SUMMON**
Filing Date	:NA	**6)WAMAN, YOGESH**

(57) Abstract :
The present invention discloses substituted fused pyrimidine compounds of formula I, their tautomers, polymorphs, stereoisomers, prodrugs, solvates, pharmaceutically acceptable salts, or pharmaceutical compositions containing them and methods of treating conditions and diseases that are mediated by adenosine receptor (AR) activity. The present invention also provides provide the use of compounds of formula (IJ), or its tautomers, polymorphs, stereoisomers, prodrugs, solvate or a pharmaceutically acceptable salts thereof, for the treatment of a pathological disease susceptible to improvement by antagonism of adenosine receptors, The compounds of the present invention are useful in the treatment, prevention or suppression of diseases and disorders that may be susceptible to improvement by antagonism of the adenosine receptor, such as asthma, chronic obstructive pulmonary disorder, angiogenesis, pulmonary fibrosis, emphysema, allergic diseases, inflammation, reperfusion injury, myocardial ischemia, atherosclerosis, hypertension, congestive heart failure, retinopathy, diabetes mellitus, obesity, inflammatory gastrointestinal tract disorders, and/or autoimmune diseases.

No. of Pages : 148 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/01/2009

(21) Application No.58/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : NANOCOPPER-POLYETHYLENE COMPOSITE MATERIAL, A PROCESS FOR ITS PREPARATION AND AN INTRA-UTERINE DEVICE INCORPORATING THE MATERIAL

(51) International classification :A61B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DR. SELVIN THOMAS

(57) Abstract :
The invention relates to novel Nanocopper- Polyethylene composite material which is useful for making Intra Uterine Devices for contraception. It also relates to a process for its preparing the composite and Intra Uterine Device. Further it also provides an Intra Uterine Device incorporating the novel composite material.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2009

(21) Application No.628/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : NOVEL PROTEIN KINASE INHIBITORS

(51) International classification :C07D403/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SAUMITRA SENGUPTA
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3)NINGARADDI BELAVAGI
4)MURALIDHARA RAMACHANDRA

(57) Abstract :
The present invention relates to compounds useful as inhibitors of protein kinases having the formula: exemplified by: and pharmaccutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease, conditions, or disorders.

No. of Pages : 202 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/03/2009

(21) Application No.639/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A METHOD OF MANUFACTURE OF BAMBOO MAT RIDGE CAP, AN ECO-FRIENDLY INDUSTRIAL PRODUCT FOR ROOFING PURPOSE, COMPATIBLE WITH BAMBOO MAT CORRUGATED SHEETS

(51) International classification :E04D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)UDAY D NAGAMMANAVAR
3)SUJATHA DHANAPAL
4)MAMATHA BABALLI

(57) Abstract :
This invention relates to a method of manufacture of Bamboo Mat Ridge Cap which is a compatible material, easy and convenient to cover roof corners, durable and eco-friendly for use in roofing with Bamboo Mat Corrugated sheets comprising of following steps, Dipping bamboo mats in diluted Phenol formaldehyde resin resin and squeezing out excess resin, After stabilization period of 8-12 hrs, drying the mats in drying chamber or band dryer in the temperature range of 80-90°C till the moisture content is brought down to the desired level of 8-10 %, Assembling of mats to the desired number of layers and sizes with releasing film, Hot pressing in a specially designed male & female moulds (with suitably drilled holes for heating arrangements) matching with special profiles of Bamboo Mat Corrugated Sheets on the one end and specially designed curved shape for covering of the joints of the edges of BMCS on the other end, Trimming to sizes as desired and coating with weather resistant materials.

No. of Pages : 8 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/03/2009

(21) Application No.646/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CURCUMINOIDS AND ITS METABOLITES FOR THE APPLICATION IN ALLERGIC OCULAR/NASAL CONDITIONS

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAIR, ANITHA KRISHNAN
3)PARTHASARATHY, KAVITHA
4)GOKARAJU, GANGA RAJU
5)GOKARAJU, RAMA RAJU
6)BHUPATHIRAJU, KIRAN

(57) Abstract :
A pharmaceutical composition(s) for ophthalmic/nasal administration comprising; one or more nano emulsified Curcumin component(s) and/or its metabolites selected from natural or synthetic curcuminoid(s); in combination with a pharmaceutically acceptable excipient(s), effective in increasing the bioavailability of the active compounds is disclosed herein.

No. of Pages : 38 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/11/2009

(21) Application No.6628/CHENP/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : IMPROVEMENTS IN ELONGATE COMPOSITE STRUCTURAL MEMBER

(51) International classification :B64C3/18, B64C3/26
(31) Priority Document No :0712549.5
(32) Priority Date :29/06/2007
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2008/050485
Filing Date :24/06/2008
(87) International Publication No :WO 2009/004364
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ERIC STEPHEN WOOD

(57) Abstract :
A composite material elongate structural member (102), such as a spar or stringer, for use in an aerospace structure, comprises a web (108) having an angled portion, for example in the form of a chamfer (107), curved surface or the like, which joins a foot (106) of the member (102) to the rest of the web (108) . A first surface (110) on the foot is shaped to abut a structure (104) to be stiffened. The foot (106) also has a second surface (112) opposite the first surface (110). The web (108) has a third surface (114) and a fourth surface (116) at the same layer in the composite material as the first and third surfaces (110, 114), respectively. On/in the interposed portion (107) there is a fifth surface (130) which joins the first and third surfaces. The geometry of the member (102) may vary along its length (L) so that with increasing distance, the first surface is displaced towards the second surface as the width of the fifth surface decreases. The risk of causing, during fabrication of the elongate member (102), undesirable creasing, stressing or stretching of composite material layers in a region in which the geometry of the member (102) varies may be reduced by means of such an arrangement.

No. of Pages : 50 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2009

(21) Application No.674/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A REMOTE MONITORING SYSTEM FOR VEHICLE

(51) International classification :H04W
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MANI SRIDHARAN

(57) Abstract :
A remote monitoring system for vehicle that includes fuel detection monitor and an intrusion detection system for detecting tampered number plates and/or opened doors comprising a unit that resides in the said vehicle, the centralized management station as also a communication system between the unit and management station; the said unit consisting of GSM module, GPS module, control module comprising microcontroller and flashed firmware, as also GSM modem, provision for plurality of SIM cards, the said centralized management system comprising remote management station, a GSM modem, connected to a database, the communication being by GPRS through mobile or internet.

No. of Pages : 52 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2009

(21) Application No.681/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : A SYSTEM TO MEASURE DIELECTRIC CONSTANT AND FUEL LEVEL, A METHOD AND AN AUTOMOBILE

(51) International classification :G01F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to system to measure fuel level, more particularly relates to measuring fuel level in automobiles. The system comprises plurality of sensor elements disposed inside container at predetermined heights; at least one capacitance to digital converter ICs connected to each sensor element to receive input signals from the sensor elements to produce signals; a microcontroller being adopted to receive the signals from the capacitance to digital converter ICs to generate output signals proportional to the fuel level and fuel mixture composition; a microcontroller configured to compute composite dielectric constant of the fuel and the fuel level. The present invention also provides for a method to measure dielectric constant and fuel level.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2009

(21) Application No.706/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AUXILIARY STAND FOR A MOTORCYCLE

(51) International classification :B62K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MOHAMMED BASHA SHAIK
2)BALU RAJESH KANNA

(57) Abstract :
An auxiliary stand for motorcycles is provided with a pair of brackets mounted along the swing arm on either side of the swing arm of the motorcycle and a stand assembly is pivotally mounted on the rear side of the said brackets. The auxiliary stand is provided for parking the vehicle in upright condition when considerable loads are kept or tied to the rear part of the seat or carrier without the motorcycle falling sideways.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/01/2009

(21) Application No.72/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : FORMATION OF FLUID COAT ON WHEEL RIMS

(51) International classification :G07F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RAMACHANDRA MURTHY VASANTH
2)SANDUR AJITH KUMAR

(57) Abstract :
An apparatus (100, 200) to form a fluid coat on a peripheral surface (150) of a wheel rim (105) is described. The apparatus (100,200) includes a mounting unit (110) for mounting the wheel rim (105), a dispensing unit (120), (205) to dispense a fluid on the peripheral surface (150), and a rotating unit (155) to rotate one or more of the mounting unit (110) and the dispensing unit (120). The dispensing unit (120, 205) dispenses the fluid on the peripheral surface (150) to form the fluid coat thereon.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2009

(21) Application No.755/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AUTO DEBUGGING SYSTEM FOR PATIENT MONITORING SYSTEM(PMS)

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAJDEEP GHOSH
2)SWARAJ BANDHU MAHATO

(57) Abstract :
The various embodiments of the present invention provide an auto debugging system for patient monitoring system. The debugging system has a personal computer communicatively connected to a power supply controller that is provided in a patient monitor. The personal computer has a processor loaded with an automatic debugging software to predict the possible errors of the patient monitor and to provide the solutions to the predicted errors using an debugging algorithm. The application provides best possible solution for every predicted error. Additionally the debugging software also provides the user with step by step assistance with the help of flow chart and visual data like photographs, to resolve system errors or failures and ensures easier diagnosis and faster resolution of problems.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2009

(21) Application No.757/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : NIGHT MODE ACTIVATION SYSTEM IN PATIENT MONITORING SYSTEM

(51) International classification :G09G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RAJDEEP GHOSH
2)H.S. RAGHAVENDRA

(57) Abstract :
The various embodiments of the present invention provide a system and method for activating a night mode in a patient monitor. According to one embodiment, the system is provided with a main processor to control a power supply controller to regulate a brightness control circuit to adjust the power supplied to the brightness control pin of the display inverter to change the brightness of the display screen in the patient monitor, when a night mode is activated manually or automatically. The main processor adjusts an audio control circuit to change the audio level of the speaker to preset levels, when the night mode is activated manually or automatically.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2009

(21) Application No.781/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD AND APPARATUS FOR LOW POWER CONTINUOUS TIME DELTA SIGMA MODULATION

(51) International classification :H03F, H03M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SECRETARY, DEPARTMENT OF INFORMATION TECHNOLOGY (DIT)
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(72)**Name of Inventor :**
1)INDIAN INSTITUTE OF TECHNOLOGY-MADRAS

(57) Abstract :
A Continuous Time Delta Sigma Modulator (CTDSM) comprising a set of opamp integrators and at least one feedback DAC is provided with an assistant connected between the input and output of at least one of the opamp integrators of the set to moderate the linearity and bandwidth requirements of the opamp integrators of the set and result in low power dissipation. The assistant comprises a transconductor adapted to moderate the current demanded from the set of opamp integrators and a replica DAC adapted to steer the moderated current. This assisted opamp technique may be used with both single bit and multi bit CTDSMs.

No. of Pages : 53 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/04/2009

(21) Application No.794/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF DESMOPRESSIN OR ITS PHARMACEUTICALLY ACCEPTABLE SALTS

(51) International classification :A61K38/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DOKKA, MALLIKARJUNA SARMA
3)KAMANA, BULLIRAJU
4)VANJIVAKA, SREELATHA
5)DATTA, DEBASHISH

(57) Abstract :
The present invention relates to a novel and improved process for the preparation of 1-deamino-8-D-arginine vasopressin (Desmopressin) or its pharmaceutically acceptable salts thereof and also relates to improved process for the purification of Desmopressin or its pharmaceutically acceptable salts. Further, the present invention also relates to pharmaceutical composition of desmopressin or its pharmaceutically acceptable salts thereof.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2009

(21) Application No.856/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : NOVEL SALTS OF RILPIVIRINE

(51) International classification :C07D239/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JETTI, RAMAKOTESWARA RAO
2)GORANTLA, ASHA RANI
3)DATTA, DEBASHISH

(57) Abstract :
The present invention relates to novel organic acid addition salts of 4-((4-((4-(1E)-2-Cyanoethenyl)-2,6-dimethylphenyl)amino)-2-pyrimidinyl)amino)benzonitrile [Rilpivirine], The salts include Malonate, Succinate, Adipate, Fumarate, Malate, Maleate, Tartarate and Saccharinate. The present invention also relates to processes for the preparation of the said salts of Rilpivirine.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2009

(21) Application No.899/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ENCAPSULATION TECHNIQUES FOR ELECTRONIC DEVICES

(51) International classification :B29C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SINGH JITENDER PRATAP
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(57) Abstract :
A method and system for manufacturing an electronic device is provided. A base substrate with one or more perforations is obtained. The walls of the perforations are coated with an affinitive material having an affinity for a molding material. One or more electronic components are mounted on the base substrate, and are connected in a pre-defined manner. Subsequently, the molding material is molded over the electronic components, such that the molding material fills in and adheres to the perforations, thereby encapsulating the electronic components.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2009

(21) Application No.950/CHE/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CRYSTALLINE ATORVASTATIN CALCIUM FORM I

(51) International classification :C07D207/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)P.V.SRINIVASA RAO
3)K.PURANDHAR
4)A.V.V.SRINIVASA RAO
5)LAHIRI, SASWATA

(57) Abstract :
The present invention provides an improved process for the preparation of crystalline Atorvastatin calcium Form-I by suspending any crystalline form of Atorvastatin in water or mixture of water and water miscible organic solvent and isolating Atorvastatin Calcium Form I.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2009

(21) Application No.1307/KOL/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : BRUSHLESS DIRECT CURRENT MOTOR

(51) International classification :H02P6/00
(31) Priority Document No :10 2008 055 731.5
(32) Priority Date :04/11/2008
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BECKER, ERICH
2)HAUSER, ERWIN

(57) Abstract :
The invention relates to a brushless direct current motor including a rotor having permanent magnets, which rotates in a commutation created alternating magnetic field of a stator (1) which magnetic field can be created by a coil system of wire coils (3) applied on an insulating body (4) in the circumferential direction and spaced apart from each other; with control electronics being provided for controlling the electric wire coils,. spaced apart from each other, of the control system provided in the stator (1), with non-contact rotary position sensors (5) being allocated to the phases of the coil system (2). It is characteristic for the direct current motor according to the invention that the rotary position sensors (5) are arranged on a sensor carrier (13), that the sensor carrier (13) can be fastened at least at one face of the stator (1), and that positioning aids cooperating with each other are arranged between the at least one sensor carrier (13) and the adjacent stator face, which determine the relative position of the stator (1) in reference to the at least one sensor carrier (13) and the rotary position sensors (5) arranged thereupon. If applicable, the direct current motor according to the invention can also be produced in an automated production method with little expense.

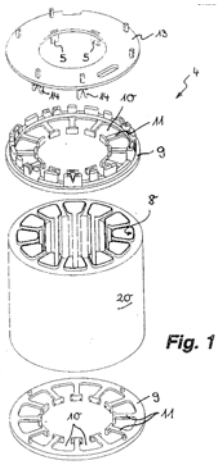

Fig. 1

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2009

(21) Application No.1314/KOL/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PROBE VISUALIZATION BASED ON MECHANICAL PROPERTIES

(51) International classification :G01F1/708
(31) Priority Document No :61/113,712
(32) Priority Date :12/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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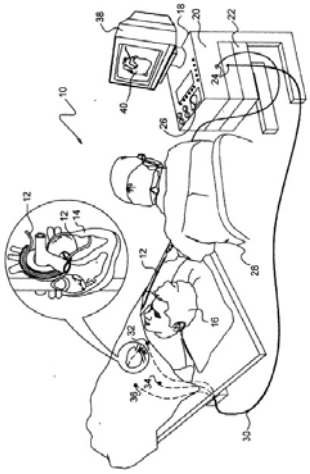
2)MEIR BAR-TAL

(57) Abstract :
A method for visualization includes receiving an input indicative of respective apparent coordinates of a plurality of points disposed along a length of a probe inside a body of a subject, and applying a model of known mechanical properties of the probe to the apparent coordinates so as to compute a cost function with respect to shapes that can be assumed by the probe in the body. A shape is chosen responsively to the cost function, and corrected coordinates of the points along the length of the probe are generated based on the shape. The representation of the probe using the corrected coordinates is then displayed.



No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2009

(21) Application No.1315/KOL/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : PACKAGING MATERIAL FOR CORROSIBLE METALLIC OBJECTS

(51) International classification :B32B3/00
(31) Priority Document No :102008056724.8
(32) Priority Date :07/11/2008
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JOSEF LEUDERS
2)TILO WACHS, KRUMMEN
3)JURGEN TRIEBERT

(57) Abstract :
The invention relates to a packaging material for corrosible metallic objects, comprised of a plastic film forming a package outer surface, an inner layer, and an adhesive layer bonding the plastic film to the inner layer, wherein the adhesive layer comprises a volatile corrosion inhibitor and the inner layer has a high permeability for the corrosion inhibitor on the package outer surface as compared to the plastic film. According to the invention the adhesive layer is formed by a chemically binding reaction adhesive.

No. of Pages : 20 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2009

(21) Application No.1321/KOL/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : APPARATUS FOR THE THREAD-STITCHING OF FOLDED PRINT PRODUCTS

(51) International classification	:B42B2/02
(31) Priority Document No	:08405277.8-1251
(32) Priority Date	:10/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)FRANZ MEZGER

(57) Abstract :
An apparatus (1) for the thread-stitching of folded print products (2) comprises a sewing station (4) in which the individual print products (2) are stitched along the fold (5) and several products are then sewn together along the spine (23) containing the fold (5), so as to form a book block (3). The apparatus further comprises a pivoting saddle (9) for conveying the individual print products (2) which are positioned straddling thereon to the sewing station (4), as well as a feeding arrangement (14) having a feed end (12) that cooperates with a feeder (10) for feeding in the individual print products (2) and a discharge end (13) that cooperates with a pivoting saddle (9), so that the individual print products (2) can be deposited on the saddle (9). As seen from above, the sewing station (4) is arranged on a machine frame (17) of the apparatus (1), between the feed end of the feeding arrangement (14) and the pivoting saddle (9).

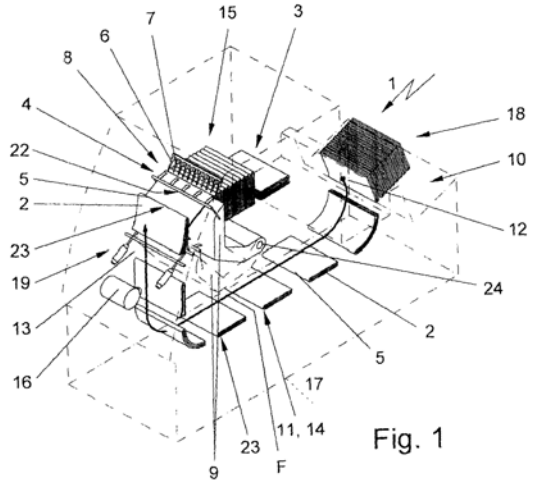

Fig. 1

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2009

(21) Application No.1320/KOL/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COVER PLATE FOR ELECTRICAL APPARATUS

(51) International classification :H02P6/00
(31) Priority Document No :0806763
(32) Priority Date :02/12/2008
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PETIT, LAURENT
3)TOULEMONDE, DENYS

(57) Abstract :
The invention relates to a cover plate (2) for electrical apparatus (1) which comprises at least one opening (22, 32) intended to provide access to at least one functional part (5) of the electrical apparatus and which is formed by superimposing a rear mounting plate (20, 30) fitted at the back with means for mounting on an apparatus support (4) and a front finish plate (10) giving said cover plate an aesthetic appearance. According to the invention, said rear mounting plate comprises on its front side a recessed housing (24) which completely houses said front finish plate, such that the front side (11) of said front finish plate extends flush with or is slightly back from the front side (21) of said rear mounting plate.

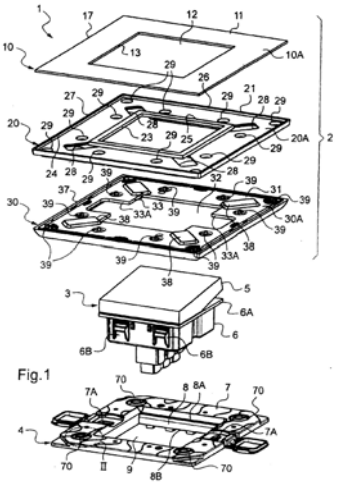

Fig.1

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2009

(21) Application No.1388/KOL/2009 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COMPOSITE BEARING MEMBER, MANUFACTURING METHOD OF COMPOSITE BEARING MEMBER, BEARING DEVICE AND ROTARY ELECTRICAL MACHINE

(51) International classification :H01R43/10
(31) Priority Document No :2008-295184
(32) Priority Date :19/11/2008
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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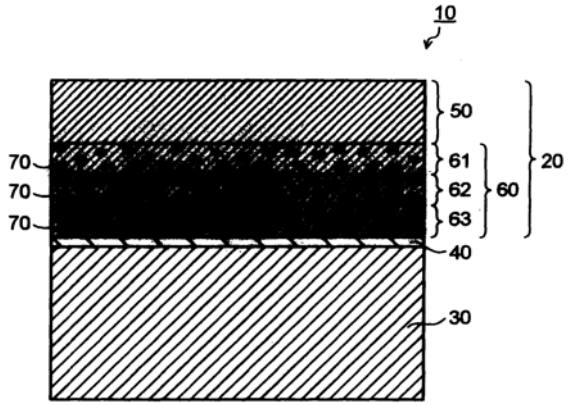
2)YUUJI HISAZATO
3)SATOSHI NAMBA
4)KAZUMA MUKAI

(57) Abstract :
A composite bearing member 10 includes: a bearing sliding material 20 whose surface contacts a rotating portion; a bearing base material 30 made of a material different from a material constituting the bearing sliding material 20; and a joining layer 40 joining the bearing sliding material 20 and the bearing base material 30. Further, the bearing sliding material 20 has a sliding layer 50 sliding the rotating portion on a surface. Furthermore, the bearing sliding material 20 has, between the sliding layer 50 and the joining layer 40, a composition graded layer 60 which dispersedly contains the same metal material as a metal material constituting the joining layer 40 and in which a content of the metal material is increased toward the joining layer 40.



No. of Pages : 54 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2011

(21) Application No.3532/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ANTIREFLECTION FILM, METHOD FOR MANUFACTURING ANTIREFLECTION FILM, AND DISPLAY APPARATUS

(51) International classification :G02B 1/11
(31) Priority Document No :2009-107019
(32) Priority Date :24/04/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/056592
Filing Date :13/04/2010
(87) International Publication No :WO 2010/122924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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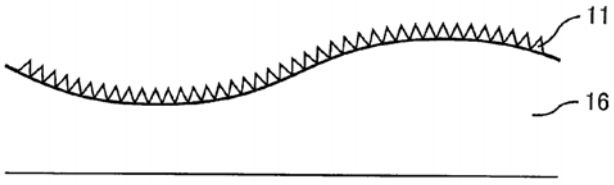
2)IMAOKU TAKAO
3)ISURUGI AKINOBU

(57) Abstract :
The present invention aims to provide an antireflection film having low reflectivity and suppressing glare. The antireflection film comprises a surface that comprises a moth-eye structure comprising multiple projections. Apexes of any two adjacent projections are apart from each other by a distance not longer than a wavelength of visible light. The moth-eye structure has sticking structures each of which includes projections with tip portions of the projections adhering to each other. Each of the sticking structures is 0. 05μm or greater and smaller than 1μm in diameter. The sticking structures exist at a number density in planar area of the antireflection film of 0.01 pcs/μm2 or more and less than 20 pcs/μm2.



No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2011

(21) Application No.3533/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CABLE TIE

(51) International classification :B65D 63/00
(31) Priority Document No :61/208,336
(32) Priority Date :23/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/000507
Filing Date :22/02/2010
(87) International Publication No :WO 2010/096197
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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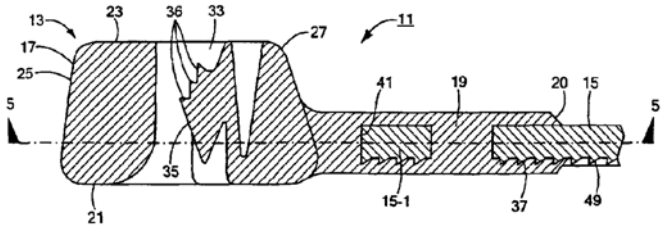
3)SCHUTTLER, DAVID, L.

(57) Abstract :
A two-piece cable tie for bundling a plurality of objects, such as cables or wires, includes a front portion that is insert -molded onto a connective segment of a flexible strap, the front portion being constructed out of a higher tensile strength plastic than the strap to maximize the load rating of the tie without significantly increasing material costs. In one embodiment, the connective segment of the strap is shaped to include a pair of opposing semi-circular cutouts in its side rails to enhance the strength of mechanical bonding achieved by the front portion around the strap. In addition, the connective segment is shaped to include a circular hole that is offset longitudinally from the opposing cutouts, the diameter of the circular opening not exceeding 40% of the maximum width of the strap to ensure the integrity and strength of the strap along the entirety of its length.



No. of Pages : 48 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2011

(21) Application No.3545/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CLEANING INDICATOR, ASSOCIATED TEST SPECIMEN AND METHOD FOR TESTING CLEANING PROCESSES

(51) International classification	:G01N 31/22
(31) Priority Document No	:09001639.5
(32) Priority Date	:05/02/2009
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2010/000686 :04/02/2010
(87) International Publication No	:WO 2010/089112
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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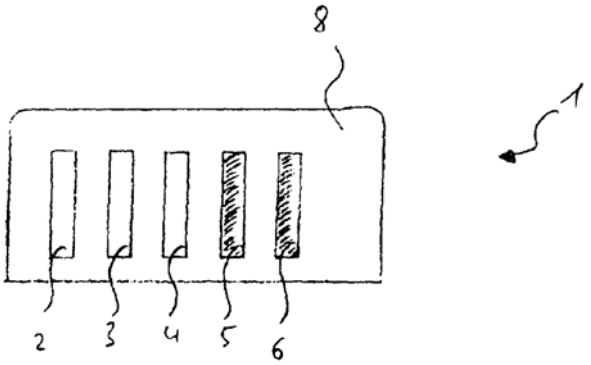
(72)**Name of Inventor :**
1)KAISER, DANJA

(57) Abstract :
The aim of the invention is to provide a cleaning indicator for testing cleaning processes that facilitates a differentiated and gradual assessment of cleaning processes. To this end, the cleaning indicator (1) comprises a plurality of indicator elements (2, 3, 4, 5, 6) that are arranged on a common carrier and alter their properties depending on the cleaning action of a cleaning process, wherein the dependency on the cleaning action is selected differently for each of the individual indicator elements (2, 3, 4, 5, 6). Furthermore, a test specimen particularly suitable therefor is to be provided. In addition, a method for testing cleaning processes is to be provided, which facilitates a differentiated determination and testing of the cleaning action that is achieved.



No. of Pages : 23 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2011

(21) Application No.3538/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : MATERIALS AND METHODS FOR IDENTIFYING AND USING YEAST STRAINS THAT METABOLIZE PENTOSE SUGARS IN THE PRESENCE OF D-GLUCOSE

(51) International classification :C12N 1/00
(31) Priority Document No :61/155,255
(32) Priority Date :25/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/025448
Filing Date :25/02/2010
(87) International Publication No :WO 2010/099343
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GOEBL, MARK
2)WOODS, CARY
3)COCKLIN, ROSS
4)HEYEN, JOSH

(57) Abstract :
Disclosed herein are materials and methods for creating and/or isolating variants of yeasts especially variants of Saccharomyces cerevisiae that can grow on sugars other than D-glucose in the presence of amounts of 2-deoxy-glucose and or D- glucose that inhibit most strains of yeast from growing on sugars other than D- glucose. Selection media that can be used to isolate such variants include pentose sugars such as D-xylose, L-glutamine and 2-deoxy-glucose. Mutations in the Grrl and Red genes in some strains also produce variants that can grow on sugars including the pentose D-xylose in the presence of 2-deoxy-glucose.

No. of Pages : 47 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2011

(21) Application No.3546/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD OF DIAGNOSIS OF INFECTION BY MYCOBACTERIA AND REAGENTS THEREFOR

(51) International classification :C12Q 1/68
(31) Priority Document No :2009900876
(32) Priority Date :26/02/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/000231
Filing Date :26/02/2010
(87) International Publication No :WO 2010/096882
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LINDNER, ROBYN
2)GARTHWAITE, IAN

(57) Abstract :
The present invention provides a method of specifically detecting the presence of one or more Mycobacteria of the M. tuberculosis complex, said method comprising detecting ilvC nucleic acid of one or more Mycobacteria of the M. tuberculosis complex in a sample under conditions that do not detect ilvC nucleic acid of the M. avium complex. The invention also provides methods of diagnosis and treatment of tuberculosis in a subject employing the specific detection ilvC nucleic acid of one or more Mycobacteria of the M. tuberculosis complex.

No. of Pages : 166 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2011

(21) Application No.3547/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : COMPOSITE RAIL JOINT END POST

(51) International classification :E01B 11/54
(31) Priority Document No :61/155,478
(32) Priority Date :25/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/025407
Filing Date :25/02/2010
(87) International Publication No :WO 2010/099314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CILOGLU, KORHAN
2)SHUE, SIDNEY

(57) Abstract :
An end post for a rail joint assembly comprising: a top portion having a profile substantially identical to cross-sectional shapes of rail head sections of first and second rails of the rail joint assembly, a base; and a stem disposed between the top portion and the base; wherein one or more of the top portion, base and stem comprise a plurality of pieces of a first electrically insulating material disposed on or m a second electrically insulating material. The plurality of pieces are preferably spaced apart and may have a substantially disc-shape or a substantially cylindrical-shape, and are preferably made from a ceramic material such as zirconium dioxide, aluminum oxide or silicon nitride, where the second electrically insulating material comprises a polymeric material, such as polyurethane.

No. of Pages : 16 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2011

(21) Application No.3554/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : CLUTCH PRESSURE CONTROL DEVICE

(51) International classification :F16D 48/06
(31) Priority Document No :09004468.6
(32) Priority Date :27/03/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/001975
Filing Date :29/03/2010
(87) International Publication No :WO 2010/124774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)EINFINGER, OLIVIER

(57) Abstract :
The invention concerns a clutch pressure control device (1) comprising a request filter unit (2) calculating a target clutch pressure value (p_clutch_tgt) from a requested clutch pressure value (p_req) input in the request filter unit (2); a feedforward clutch pressure control model unit (3) calculating, from the target clutch pressure value (p_tgt) input by the request filter unit (2), a feedforward current value (i_OL); a PID control unit (4) calculating a feedback current value (i_CL) from a valve pressure target value (p_valve_tgt) for a hydraulic proportional valve controlling the clutch pressure and a feedback actual pressure value (p_actual); a first calculation unit (5) calculating a hydraulic proportional valve target current value (i_tot) from the input feedforward current value (i_OL) and the feedback current value (i_CL); a description of the measurement methods to find the values for the following adaption parameters: the kisspoint pressure of the clutch, the preload pressure of the clutch and the fill volume of the clutch.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2011

(21) Application No.3555/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : POWER SEMICONDUCTOR MODULE HAVING LAYERED INSULATING SIDE WALLS

(51) International classification	:H05K 7/14,H01L 23/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/EP2009/002056 :13/03/2009
(87) International Publication No	:WO 2010/102654
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)MARKUS BILLMANN
2)CHRISTOPH BLÖSCH
3)DIRK MALIPAARD
4)ANDREAS ZENKNER

(57) Abstract :
The invention relates to connecting a power semiconductor module (1) having at least two interconnected power semiconductor units (19,20) comprising actuatable power semiconductors, a module housing (2,3,13) in which the power semiconductor units (19,20) are disposed and comprising an electrically insulating side wall (13), and at least one connection bus (9,10,11,12,21) extending through the side wall (13) and connected to at least one of the power semiconductor units (19,20), comprising high explosion resistance and particularly inexpensive production, wherein the insulating side wall (13) is constructed as a stack of insulating and partial elements (14,15,16) designed as a single piece, wherein contact areas of the partial elements (14,15,16) contact each other.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2011

(21) Application No.3559/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : JOINING APPARATUS AND METHOD OF MANUFACTURING ABSORBENT ARTICLE

(51) International classification :A61F 13/15
(31) Priority Document No :2009-048436
(32) Priority Date :02/03/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/053745
Filing Date :02/03/2010
(87) International Publication No :WO 2010/101287
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YAMAMOTO, HIROKI

(57) Abstract :
The method 100 includes an ultrasonic vibrating device 110 configured to apply ultrasonic vibration to the predetermined region 50A, an anvil roller 120 facing the ultrasonic vibrating device 110 with the superimposed continua of the front waistline portions and the back waistline portions interposed therebetween, and including a protrusion 122 configured to press the continua in the predetermined region 50A between the anvil roller 120 and the ultrasonic vibrating device 110, a motor 130 configured to rotate the anvil roller 120, a belt 140 configured to connect the anvil roller 120 and the motor 130 and to be driven by the motor 130, and a pressing mechanism 150 configured to press the belt 140 in a cross direction perpendicular to a driving direction of the belt 140.

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2011

(21) Application No.3549/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : REFRIGERATOR

(51) International classification :F25D 23/02
(31) Priority Document No :10-2009-0035311
(32) Priority Date :23/04/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2009/005308
Filing Date :17/09/2009
(87) International Publication No :WO 2010/123177
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PARK SANG-HO

(57) Abstract :
A refrigerator is provided. Usability and efficiency of a storage space are improved in the refrigerator.

No. of Pages : 93 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2011

(21) Application No.3561/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : RADIO FREQUENCY (RF) APPARATUS, RF CARD READER, RELATIVE COMMUNICATION SYSTEM AND COMMUNICATION METHOD

(51) International classification :G06K 7/00
(31) Priority Document No :200910250430.8
(32) Priority Date :09/12/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/CN2009/076349
Filing Date :31/12/2009
(87) International Publication No :WO 2011/069312
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YU, YUNBO
2)ZHU, SHAN
3)OUYANG, LI

(57) Abstract :
A Radio Frequency (RF) apparatus, RF card reader, relative communication system and communication method are disclosed The RF apparatus (100) comprises a first RF transceiver module (101), a first RF antenna (102), a magnetic induction and receiving module (104). The RF card reader (200) comprises a second RF transceiver module (201), a second RF antenna (202) and a magnetic emission module (204). There are two communication channels with two different characteristics between the RF apparatus and the RF card reader for controlling distance through magnetic fields, authenticating identities through the magnetic fields and radio frequencies, and communicating information through the radio frequencies.

No. of Pages : 26 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2011

(21) Application No.3567/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : SORBENT-COATED ALUMINUM STRIP

(51) International classification	:C09D 5/08,C23C 22/05
(31) Priority Document No	:10 2009 003 560.5
(32) Priority Date	:03/03/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/052405 :25/02/2010
(87) International Publication No	:WO 2010/100071
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)HAMPEL, ULRICH
3)SCHENKEL, WILLI
4)SIEMEN, ANDREAS
5)OETTING, WOLF

(57) Abstract :
The invention relates to a method for producing an aluminium strip, in which the aluminium strip is coated with a sorption layer which has a binder and a sorbent. The object to propose a method for producing an aluminium strip coated with a sorption layer, by means of which an aluminium strip can be coated cost-effectively having constant performance characteristics with respect to the sorption of, for example, water vapour, is achieved according to the invention by means of a method for producing an aluminium strip coated with a sorption layer by applying a suspension to the aluminium strip in the coil-coating process, which in addition to a liquid comprises at least one binder, formed as a solid, and a sorbent, and by subjecting the aluminium strip, together with the applied suspension, to a drying process, in which the binder is activated.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2011

(21) Application No.3568/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD AND DEVICE FOR INTRODUCING AND REMOVING SUBSTRATES

(51) International classification :H01L 21/677
(31) Priority Document No :10 2009 018 777.4
(32) Priority Date :24/04/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/055455
Filing Date :23/04/2010
(87) International Publication No :WO 2010/122153
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)REISING MICHAEL
2)KEMPF STEFAN

(57) Abstract :
The invention describes a method and a device for introducing and removing substrates. Substrates (5) are transported into a lock (2) by a transport means (4). A collection container (3) is located in said lock below the substrates (5) for collecting possible substrate fragments (19). The substrates (5) are removed together with the collection container (3) and the lock cover (18) once the lock (2) has been flooded. The lock cover (18) and the collection container (3) form an almost closed box around the substrates (5). After the substrates (5) have been replaced and the collection container (3) has been emptied, the new substrates (5) are introduced together with the collection container. All the steps are carried out in the machine cycle to ensure an effective production process.

No. of Pages : 15 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2011

(21) Application No.3569/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD FOR CULTURING LACTIC ACID BACTERIA, AND A FOOD AND DRINK PRODUCT

(51) International classification	:C12N 1/20,A23C 9/127
(31) Priority Document No	:2009-086305
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/054826 :19/03/2010
(87) International Publication No	:WO 2010/113680
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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5)KAZUMASA KIMURA
6)MASAHIKO ITO

(57) Abstract :
The object of the present invention is to provide a method of culturing lactic acid bacteria to obtain a lactic acid bacteria culture in which the number of lactic acid bacteria can be stably maintained, and to obtain food and drink products comprising a lactic acid bacteria culture excellent in product stability. In order to accomplish the object, the present invention provides a method of culturing lactic acid bacteria comprising inoculating lactic acid bacteria to a medium comprising a milk ingredient having a free phosphoric acid concentration of less than 0.25 wt%, and a phosphate, and food and drink products comprising the lactic acid bacteria culture obtained by this culturing method.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2011

(21) Application No.3572/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : MECHATRONIC LOCKING APPARATUS

(51) International classification :G07C 9/00
(31) Priority Document No :500/09
(32) Priority Date :30/03/2009
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2010/000048
Filing Date :01/03/2010
(87) International Publication No :WO 2010/111796
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SPRENGER, DETLEF
2)MÜNGER, ANDREAS

(57) Abstract :
The mechatroic locking apparatus comprises a control circuit (4), from which information signals can be transmitted to a control circuit (6) of the lock cylinder (2) using a first communication path (6) A security key (3) has at least one second communication path (7) for storing and/or processing acces data. The two communication paths (5, 7) are connected to said control circuit (4) of the security key (3) The first communication path (5) preferably uses an electrical contact in the lock cylinder (2) The second communication path (7) comprises a transponder (8) The first communication path (5) may also be used for power supply purposes.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2011

(21) Application No.3573/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD AND DEVICE FOR STRUCTURING A SOLID BODY SURFACE WITH A HARD COATING WITH A LASER USING MASK AND DIAPHRAGM

(51) International classification	:B23K 26/06,B31F 1/07
(31) Priority Document No	:09156588.7
(32) Priority Date	:30/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/CH2010/000075 :18/03/2010
(87) International Publication No	:WO 2010/111799
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)REISSE, GÜNTER
4)ENGEL, ANDY
5)BOETTCHER, RENE
6)STEFFEN, WERNER

(57) Abstract :
In the method for structuring at least one area of a solid body surface (9,10) provided with a ta-C coating, a mask (18) in the homogenous spot of the optical system is used in order tc shape the beam in the mask projection technique and then a diaphragm (6) in front of the imaging optics. A structure is applied by means of an excimer laser (1) having pulse durations in the nanosecond range, a number of mask and diaphragm combinations (18, 6) being arranged in a exchanger device (28) and the exchanger device being adapted to place both one of the masks (18) and one of the diaphragms (6) in the beam path of the laser independently of each other, the masks (18) and diaphragms (5) being arranged in holders while being displaceable linearly or relatively and rotatable about themselves. This method allows the rational manufacture of very complex, extremely fraud-resistant authentication features and/or of esthetically attractive, optical diffraction effective colored patterns. A device with such features is also defined.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2011

(21) Application No.3574/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : MULTI-FIELD CHARGED PARTICLE CANCER THERAPY METHOD AND APPARATUS

(51) International classification	:A61N 5/10, G21G 4/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/RU2009/000105 :04/03/2009
(87) International Publication No	:WO 2010/101489
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)BALAKIN, VLADIMIR EGOROVICH

(57) Abstract :
The invention relates generally to treatment of solid cancers, More particularly, the invention relates to a multi-field charged particle cancer therapy method and apparatus coordinated with negative ion beam creation, ion beam focusing, charged particle acceleration, patient rotation, and/or patient respiration. Preferably, the charged particle therapy is performed on a patient in a partially immobilized and repositionable position. Proton delivery is preferably timed to patient respiration via control of charged particle beam in jection, acceleration, and/or targeting methods and apparatus.

No. of Pages : 146 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2011

(21) Application No.3575/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : NON-COMBUSTION SMOKING TOOL

(51) International classification :A24F 47/00
(31) Priority Document No :2009-049879
(32) Priority Date :07/02/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/052002
Filing Date :03/02/2010
(87) International Publication No :WO 2010/090338
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHIMIZU, KAZUHIKO
Address of Applicant :14-23, FUJIWARADAIMINAMIMACHI 5-CHOUME, KITAKU, KOBE-SHI, HYOGO 651-1303, JAPAN
(72)**Name of Inventor :**
1)SHIMIZU, KAZUHIKO

(57) Abstract :
In order to use a commercially available cigarette or cigar as it is, vaporize nicotine from the tobacco leaves, and enable inhalation of the vaporized nicotine without burning the product, a non-combustion smoking tool comprises a slender heater 1 having a sharp end which is directly inserted into a commercially available cigarette or cigar 100 to directly heat the leaves of the cigarette or cigar by the heater so as to vaporize nicotine contained in the tobacco leaves and enable inhalation of the vaporized nicotine.

No. of Pages : 31 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2011

(21) Application No.3576/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD AND DEVICE FOR STRUCTURING A SOLID BODY SURFACE WITH A HARD COATING WITH A FIRST LASER WITH PULSES IN THE NANOSECOND FIELD AND A SECOND LASER WITH PULSES IN THE PICO-OR FEMTOSECOND FIELD

(51) International classification	:B23K 26/06,B31F 1/07
(31) Priority Document No	:09156583.8
(32) Priority Date	:30/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/CH2010/000074 :18/03/2010
(87) International Publication No	:WO 2010/111798
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)BOEGLI-GRAVURES S.A.
Address of Applicant :RUE DE LA GARE 24-26, CH-2074 MARIN SWITZERLAND
(72)**Name of Inventor :**
1)BOEGLI, CHARLES
2)WEISSMANTEL, STEFFEN
3)REISSE, GÜNTER
4)ENGEL, ANDY
5)BOETTCHER, RENE
6)STEFFEN, WERNER

(57) Abstract :
In the method for structuring at least one area of a solid body surface (9,10) provided with a ta-C coating, by means of a first laser (1), preferably an excimer laser having pulse durations in the nanosecond range, a first structure is produced upon which a second, ripple-like structure is superposed by means of a second laser (15), having pulse durations in the picosecond or in the femtosecond range. Preferentially, the excimer laser structuring is carried out according to the mask projection technique and the picosecond or femtosecond laser (15) structuring according to the focus technique. This method allows the rational manufacture of very complex, extremely fraud-resistant authentication features and/oT of esthetically attractive, optical diffraction effective colored patterns.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2011

(21) Application No.3560/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : APPARATUS AND METHOD FOR DETERMINING A TOUCH INPUT

(51) International classification :G06F 3/045
(31) Priority Document No :61/163,237
(32) Priority Date :25/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028461
Filing Date :24/03/2010
(87) International Publication No :WO 2010/111362
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSENTIS, LLC
Address of Applicant :11301 JAMES STREET, HOLLAND, MICHIGAN 49424 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)CALDWELL, DAVID, W.
2)SCHAEFER, WILLIAM, D.

(57) Abstract :
A capacitive sensor for detecting a stimulus. The capacitive sen- sor includes an electrode and a process- ing unit electrically coupled to the elec- trode and configured to determine the presence of a stimulus based on the rate of change of the electrode capacitance. A substrate is positioned adjacent the electrode, wherein the stimulus corre- sponds to the placement of an object against the substrate. The processing unit is operative to determine a time rate of change based on successive measure- ments of the electrode capacitance. In addition, the processing unit is operative to determine the presence of a stimulus in response to the time rate of change being less than a reference value.

No. of Pages : 41 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2011

(21) Application No.3570/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : DEVICES FOR INJECTION OF GASEOUS STREAMS INTO A BED OF FLUIDIZED SOLIDS

(51) International classification	:B01J 8/18, F26B 3/06
(31) Priority Document No	:12/418,943
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/030076 :06/04/2010
(87) International Publication No	:WO 2010/118008
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LUMMUS TECHNOLOGY INC.
Address of Applicant :1515 BROAD STREET, BLOOMFIELD, NEW JERSEY 07003-3096 U.S.A.
(72)**Name of Inventor :**
1)CASTAGNOS, JR., LEONCE FRANCIS
2)CHAN, TING YEE
3)PIEPER, RONALD EUGENE
4)KOLB, NORMAN PAUL

(57) Abstract :
Injection nozzles for use in a gas distribution device are disclosed. In one aspect, the injection nozzle may include: a tube having a fluid inlet and a fluid outlet; wherein the inlet comprises a plurality of flow restriction orifices. In another aspect, embodiments disclosed herein relate to an injection nozzle for use in a gas distribution device, the injection nozzle including: a tube having a fluid inlet and a fluid outlet; wherein the fluid inlet comprises an annular orifice surrounding a flow restriction device. Injection nozzles according to embodiments disclosed herein may be disposed in a gas distribution manifold used in a vessel, for example, for conducting polymerization reactions, spent catalyst regeneration, and coal gasification, among others.

No. of Pages : 37 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2011

(21) Application No.3556/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : FILTER WITH HIGH FILTRATION CAPACITY

(51) International classification :B01D 39/16
(31) Priority Document No :MI2009A000381
(32) Priority Date :13/03/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2009/064012
Filing Date :23/10/2009
(87) International Publication No :WO 2010/102682
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LOSMA S.P.A.
Address of Applicant :VIA E. FERMI, 16 24035 CURNO ITALY Italy
(72)**Name of Inventor :**
1)CARLO POLA

(57) Abstract :
A filter with high filtration capacity, comprising a filtering element, whose particularity is that the filtering element is made of a plant fiber selected among hemp, kenaf, jute and agave.

No. of Pages : 7 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2011

(21) Application No.3571/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : ELECTRICAL PLUG

(51) International classification :H01R 24/06
(31) Priority Document No :10-2009-0009022
(32) Priority Date :04/02/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/EP2010/051387
Filing Date :04/02/2010
(87) International Publication No :WO 2010/089356
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHOI, MIN-KYU
2)THOMAS, PAUL
3)DZISIEWSKISMITH, STEFAN
4)JUDKINS, MATTHEW

(57) Abstract :
This invention relates to an electrical plug (1; 100; 154; 160; 200; 300) comprising: a plug main body (3; 103; 204; 302); and a plurality of electrical pins (21, 23; 156, 158; 164, 166; 210, 212; 310; 312), the pins being carried by an arm (17; 208; 308) that is coupled to said plug main body (3; 103; 204; 302) and is rotatable relative thereto between a stowed position where the arm (17; 208; 308) is generally linearly aligned with the plug main body (3; 103; 204; 302), and a deployed position where the arm (17; 208; 308) has rotated relative to the plug main body (3; 103; 204; 302) so as to be generally perpendicular thereto. A multi-plug adaptor for use with the plug is also disclosed.

No. of Pages : 54 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2011

(21) Application No.3557/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : METHOD FOR INHIBITING MYCOTOXIN PRODUCTION

(51) International classification :A01N 47/34
(31) Priority Document No :2005-102646
(32) Priority Date :31/03/2005
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2006/306487
Filing Date :29/03/2006
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3636/KOLNP/2007
Filed on :26/09/2007

(71)**Name of Applicant :**
1)NIPPON SODA CO., LTD.
Address of Applicant :2-1, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN
(72)**Name of Inventor :**
1)BUSCHHAUS HERBERT

(57) Abstract :
The present invention relates to a method for inhibiting mycotoxin production, wherein mycotoxin content in harvested crops is reduced without a correlation with a fungicidal effect against fungi by spraying a fungicide containing a benzimidazole-based fungicidal compound as an active ingredient onto food plants.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2011

(21) Application No.3558/KOLNP/2011 A
(43) Publication Date : 13/04/2012

(54) Title of the invention : HIGH EFFICIENCY OPTICAL COUPLER

(51) International classification	:G02B 6/00, G02B 6/42
(31) Priority Document No	:12/405,398
(32) Priority Date	:17/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/024211 :15/02/2010
(87) International Publication No	:WO 2010/107537
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LUMENFLOW CORP.
Address of Applicant :4611 NORTH M-37 HIGHWAY, SUITE B,MIDDLEVILLE, MICHIGAN 49333 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)BOURGET, PAUL L.

(57) Abstract :
An optical coupling device enabling spherical or hemispherical light sources to be more folly utilized by gathering more of the emitted radiation and reducing the angle of emission. The optical coupling device includes a first conic reflector having an aperture at the first conic reflector vertex; a second conic reflector coaxial with the first conic reflector and opening toward the first conic reflector; a light source positioned at the second conic reflector vertex; and a negative element located at the aperture for reducing the numerical aperture of the light emitted from the optical coupling device. The optical coupling device may include a retractive medium between the first and second conic reflectors. The present invention provides for improved efficiencies when transferring or coupling optical energy into additional optical systems, and may be used with solid state light as well as conventional sources.

No. of Pages : 22 No. of Claims : 32

PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	
191117	HUBBELL INCORPORATED(U.S.A.)	APPRATUS FOR IN-LINE REGULATION OF AN ALTERNATING CURRENT VOLTAGE	16/06/2009	KOLKATA
226417	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.(Japan)	RECORDING METHOD AND PLAYBACK METHOD, FOR RECORDING AND PLAYING BACK VIDEO DATA	19/03/2009	KOLKATA
230327	STADTLER & UHL KG(Germany	TOOTH CLOTHING FOR TEXTILE-MACHINE ROLLERS AND SUPPORTING SEGMENTS	27/05/2009	KOLKATA
213767	OCCUPATIONAL & MEDICAL INNOVATIONS LTD.(Australia)	AN IMPROVED SAFETY SCALPEL BLADE ASSEMBLY	10/09/2009	KOLKATA
231444	TATA STEEL LIMITED(India)	A DETECTION OF CORONA USING SCINTILLATING FIBER OPTICS THROUGH AN ELECTRONIC DETECTOR	09/06/2009	KOLKATA
231345	MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD(Japan)	A RADIO TRANSMISSION APPARATUS AND A METHOD FOR TRANSMISSION POWER CONTROL IN A DEDICATED PHYSICAL CHANNEL	09/06/2009	KOLKATA
219550	FOSSURA AS(Norway)	A DEVICE ADAPTABLE TO A REMOTELY OPERATED VESSEL, FOR REMOVAL OF LARGER-SIZE PROTECTIVE ROCKS FROM SUBSEA INSTALLATIONS	30/10/2009	KOLKATA
214288	STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN(Netherlands)	CERIUM CONTAINING SCINTILLATING MATERIAL AND METHOD OF GROWING THE SINGLE CRYSTAL SCINTILLATING MATERIAL THEREOF	16/02/2009	KOLKATA

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	251801	781/DEL/2003	05/06/2003		A FEXOFENADINE-CARBOMER COMPLEX	M/S. IND-SWIFT LIMITED	11/03/2005	DELHI
2	251802	270/DEL/2007	09/02/2007 15:59:01		A SPRAY FORMULATION FOR DETECTING LATENT FINGERPRINTS ON STICKY SIDE OF ADHESIVE TAPE	GURVINDER SINGH SODHI,,OM PRAKASH JASUJA,GAGANDEEP SINGH	05/09/2008	DELHI
3	251811	391/DEL/2005	23/02/2005		A PROCESS FOR THE PREPARATION OF N,N'-DICHLORO BIS (2,4,6-TRICHLOROPHENYL) UREA	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	29/12/2006	DELHI
4	251812	852/DELNP/2006	24/12/2003	26/07/2003	BINDING CONSTRUCTS AND METHODS FOR USE THEREOF	EMERGENT PRODUCT DEVELOPMENT SEATTLE, LLC	10/08/2007	DELHI
5	251817	417/DEL/2004	11/03/2004		A METHOD FOR IN-HOLE DELAY SOLID BLASTING	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	22/09/2006	DELHI
6	251818	1466/DEL/2003	24/11/2003		A SLOPE MEASURING INSTRUMENT USEFUL FOR MEASURING AN ANGLE ON A SLOPE OF A SURFACE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	09/05/2008	DELHI
7	251819	383/DEL/2005	22/02/2005	24/02/2004	A PRE-FABRICATED FORMWORK FOR PANEL	BERNARD PONG CHU PENG	01/12/2006	DELHI
8	251827	1175/DELNP/2007	23/06/2005	23/07/2004	METHOD FOR THE PREPARATION OF D-ERYTHRO-2,2-DIFLUORO-2-DEOXY-1-OXORIBOSE DERIVATIVE	HANMI HOLDINGS CO., LTD	27/04/2007	DELHI
9	251828	8313/DELNP/2007	08/05/2006	24/05/2005	MOTILIDE COMPOUNDS	PFIZER INC.	04/07/2008	DELHI
10	251832	2880/DELNP/2006	20/10/2004	23/10/2003	A METHOD FOR DETERMINING IN A FUILD SAMPLE PRESENCE OF PARTICLE AND APPARATUS THEREOF	MARTIN TERENCE COLE	03/08/2007	DELHI
11	251849	394/DELNP/2006	02/09/2004	05/09/2003	AN OIL-BASED DRILLING FLUID FOR USE IN SEALING SAND FORMATIONS	BAKER HUGHES INCORPORATED	17/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	251803	2015/MUMNP/2007	25/05/2006	25/05/2005	CONTENT TRANSFER CONTROL FOR WIRELESS DEVICES	QUALCOMM INCORPORATED	25/01/2008	MUMBAI
2	251804	910/MUMNP/2008	29/11/2006	30/11/2005	NERAMEXANE MODIFIED RELEASE MATRIX TABLET	MERZ PHARMA GMBH & CO. KGAA	23/05/2008	MUMBAI
3	251805	613/MUMNP/2009	22/10/2007	23/10/2006	1, 5-DIPHENYL-3-PYRIDINYLAMINO-1, 5-DIHYDROPYRROLIDIN-2-ONE AS CB1 RECEPTOR MODULATOR	ELI LILLY AND COMPANY	22/05/2009	MUMBAI
4	251806	1274/MUMNP/2007	27/02/2006	25/02/2005	DIMERIC IAP INHIBITORS	TETRALOGIC PHARMACEUTICALS CORPORATION	28/12/2007	MUMBAI
5	251808	2145/MUMNP/2009	18/04/2008	19/04/2007	A METHOD FOR PREPARING A BIODEGRADABLE POLYMER MICROSPHERE	DONG-A PHARMACEUTICAL. CO., LTD	18/06/2010	MUMBAI
6	251810	1845/MUMNP/2007	26/04/2006	26/04/2005	CIPHERING AND RE-ORDERING PACKETS IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	11/07/2008	MUMBAI
7	251813	503/MUMNP/2004	05/10/1999	25/02/1999	GENE 62 OF OKA VACCINE VIRUS	THE RESEARCH FOUNDATION FOR MICROBIAL DISEASES OF OSAKA UNIVERSITY	29/04/2005	MUMBAI
8	251814	2010/MUMNP/2008	22/01/1999	20/02/1998	AN EXPRESSION CASSETTE	SYNGENTA LIMITED (FORMERLY ZENECA LIMITED	20/02/2009	MUMBAI
9	251822	IN/PCT/2002/01808 /MUM	26/02/1999	27/02/1998	AN APPARATUS FOR MEASURING THE RATE AT WHICH AN ADSORBABLE MATERIAL IS ADSORBED BY AN ADSORBENT	PRAXAIR TECHNOLOGY INC.	04/02/2005	MUMBAI
10	251829	1676/MUMNP/2008	24/01/2007	06/02/2006	EXTRUDED POLYOLEFIN FOR THE MANUFACTURE OF CELLULAR MATERIAL	BOREALIS TECHNOLOGY OY	26/12/2008	MUMBAI
11	251841	949/MUMNP/2006	27/10/2004	04/02/2004	EXTENDED RELEASE COATED MINITABLETS OF VENLAFAXINE HYDROCHLORIDE	ALEMBIC LIMITED	20/04/2007	MUMBAI

12	251843	438/MUM/2005	06/04/2005		SIMPLE & IMPROVED PROCESS FOR THE PREPARATION OF ANDROSTANE INTERMEDIATES USEFUL FOR PREPARATION OF ANTI-INFLAMMATORY COMPOUNDS	CIPLA LIMITED	06/07/2007	MUMBAI
13	251844	1591/MUMNP/2008	20/02/2007	01/03/2006	METHOD FOR PRODUCING 1-FORMAMIDO-3,5-DIMETHYLADAMANTANE	MERZ PHARMA GMBH & CO KGAA	10/10/2008	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	251807	1200/CHE/2005	29/08/2005		A CIRCUIT TO REDUCE STRAY INDUCTANCE AND A 3-PHASE CONVERTER THEREOF	CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING (CDAC),DEPARTMENT OF INFORMATION TECHNOLOGY	15/06/2007	CHENNAI
2	251809	1061/CHE/2005	04/08/2005		A METHOD TO GENERATE EARTHQUAKE EARLY WARNING USING MEMS BASED SEISMIC SENSORS AND SYSTEM THEREOF	CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING (CDAC),DEPARTMENT OF INFORMATION TECHNOLOGY	15/09/2006	CHENNAI
3	251820	1911/CHENP/2007	22/09/2005	05/10/2004	METHOD AND APPARATUS FOR SUPPRESSING ECHO CANCELLING IN A PACKET SWITCHED COMMUNICATIONS NETWORK	CISCO TECHNOLOGY ,INC	31/08/2007	CHENNAI
4	251821	2928/CHENP/2004	28/06/2003	28/06/2002	A METHOD AND APPARATUS FOR CONSTRUCTING A DATA MESSAGE IN A COMMUNICATIONS DEVICE	QUALCOMM INCORPORATED	17/02/2006	CHENNAI
5	251823	1249/CHENP/2006	29/10/2003	29/10/2003	TONER PARTICLES FOR A BLACK LIQUID TONER AND A METHOD OF PRINTING AN IMAGE ON A SUBSTRATE	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	10/08/2007	CHENNAI
6	251824	1478/CHENP/2005	23/12/2003	02/01/2003	MINIMIZING VOLTATILE ORGANIC SULPHUR BYPRODUCTS IN DIMETHYL SULFATE QUATERNIZATION OF AMINES MADE WITH HYPOPHOROUS ACID	AKZO NOBEL N.V	22/06/2007	CHENNAI
7	251825	662/CHE/2006	08/04/2002		SINGLE TUBE MULTIPLEX ASSAY FOR DETECTION OF ADULTERANTS IN BASMATI RICE SAMPLES	CENTER FOR DNA FINGERPRINTING AND DIAGNOSTICS (CDFD)	23/11/2007	CHENNAI
8	251826	203/CHENP/2008	04/07/2006	14/07/2005	INDOL-3-CARBONYL-SPIRO-PIPERIDINE DERIVATIVES AS VIA RECEPTOR ANTAGONISTS	F. HOFFMANN-LA ROCHE AG	28/11/2008	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	251815	3177/KOLNP/2006	20/05/2005	31/05/2004	A DIRECT REDUCTION APPARATUS AND PROCESS	OUTOKUMPU TECHNOLOGY OYJ	08/06/2007	KOLKATA
2	251816	639/KOL/2007	25/04/2007 15:54:05	01/05/2006	SPLIT MECHANICAL SEAL	NIPPON PILLAR PACKAGING CO., LTD.	09/11/2007	KOLKATA
3	251830	733/KOLNP/2007	05/08/2005	05/08/2004	DISPENSER, IN PARTICULAR METERING DISPENSER	EVONIK STOCKHAUSEN GMBH	13/07/2007	KOLKATA
4	251831	332/KOL/2003	12/06/2003	27/06/2002	A HOLDING CLIP FOR FIXING THE POSITION OF THE COMPONENTS	CARL-ZEISS-STIFTUNG TRADING AS SCHOTT GLAS	04/02/2005	KOLKATA
5	251833	298/KOLNP/2006	03/08/2004	20/08/2003	SADDLE-RIDING TYPE VEHICLE	YAMAHA HATSUDOKI KABUSHIKI KAISHA	03/08/2007	KOLKATA
6	251834	2970/KOLNP/2006	02/05/2005	05/05/2004	BIODEGRADABLE GRAFTED COPOLYMERS	FIRMENICH SA	08/06/2007	KOLKATA
7	251835	991/KOL/2007	13/07/2007 15:46:54	21/08/2006	A TORQUE DISTRIBUTION SYSTEM FOR A VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	25/04/2008	KOLKATA
8	251836	547/KOL/2006	06/06/2006		A MULTIPLANT MANUAL RIBBONING DEVICE FOR EXTRACTION OF GREEN RIBBON FROM A BUNDLE OF JUTE OR MESTA PLANT OPERABLE IN ONE CYCLE	NATIONAL INSTITUTE OF RESEARCH ON JUTE & ALLIED FIBRE TECHNOLOGY	21/12/2007	KOLKATA
9	251837	4805/KOLNP/2007	09/06/2006	17/06/2005	A HONEYCOMB BODY FOR MOBILE EXHAUST GAS AFTERTREATMENT AND A METHOD OF PRODUCING IT	EMITEC GESELLSCAHFT FUR EMISSIONSTECHNOLOGIE MBH	27/06/2008	KOLKATA
10	251838	1238/KOL/2007	03/09/2007 16:50:03	26/10/2006	A METHOD TO CONTROL AN ELECTROMECHANICAL TRANSMISSION AND A DEVICE TO TRANSMIT TORQUE TO A DRIVE LINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
11	251839	2046/KOLNP/2005	28/04/2004	02/05/2003	CIRCULAR KNITTING MACHINE, PARTICULARLY OF THE MEDIUM-DIAMETER TYPE, WITH IMPROVED NEEDLE ACTUATION	SANTONI S.P.A.	20/07/2007	KOLKATA
12	251840	3041/KOLNP/2006	06/04/2004	06/04/2004	A METHOD FOR PRODUCING A METAL	Siemens Aktiengesellschaft	08/06/2007	KOLKATA

13	251842	3552/KOLNP/2006	06/06/2005	07/06/2004	POLYETHYLENE MOLDING POWDER AND PORUS ARTICLE MADE THEREFROM	TICONA LLC	15/06/2007	KOLKATA
14	251845	941/KOL/2007	29/06/2007 15:11:11	24/08/2006	A COMBUSTION MODE SWITCHING CONTROL SYSTEM FOR A DIESEL ENGINE AND A METHOD OF SWITCHING BETWEEN A PREMIXED COMPRESSION IGNITION AND A DIESEL COMBUSTION MODE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/04/2009	KOLKATA
15	251846	174/KOLNP/2007	26/07/2005	30/07/2004	A VALVE ADAPTABLE IN A FUEL LINE OF A MOTOR VEHICLE	CONTINENTAL AUTOMOTIVE GMBH	29/06/2007	KOLKATA
16	251847	3103/KOLNP/2006	18/05/2005	21/05/2004	PROCESS FOR PRODUCING HETEROPHASIC a-OLEFIN POLYMERS	BOREALIS TECHNOLOGY OY	08/06/2007	KOLKATA
17	251848	1840/KOLNP/2006	02/12/2004	17/12/2003	RAPID-IMPREGNATION SIZED GLASS STRANDS FOR THE REINFORCING OF POLYMERS	SAINT-GOBAIN VETROTEX FRANCE S.A.	11/05/2007	KOLKATA
18	251851	3279/KOLNP/2006	03/05/2005	03/05/2004	CHEESE AND METHODS OF MAKING SUCH CHEESE	LEPRINO FOODS COMPANY	08/06/2007	KOLKATA
19	251852	1185/KOL/2007	28/08/2007		A PROCESS TO REDUCE THE DROPPING INTRINSIC VISCOSITY AND TO REDUCE THE PHYSICAL CHEMICAL AND TOXIC CONTAMINANTS IN RECYCLED PET RESIN OBTAINED FROM WASTED PET BOTTLE FLAKES	SOURABH KHEMANI	11/07/2008	KOLKATA
20	251854	2474/KOLNP/2006	28/02/2005	27/02/2004	CASPASE INHIBITORS AND USES THEREOF	VERTEX PHARMACEUTICALS INCORPORATED	25/05/2007	KOLKATA
21	251855	3483/KOLNP/2006	22/04/2005	23/04/2004	A PROCESS FOR PREPARING 10-DEACETYLBACCATIN III	PHYTOGEN LIFE SCIENCES INC.	15/06/2007	KOLKATA
22	251856	105/KOLNP/2006	18/06/2004	20/06/2003	PRECISION FLUID DELIVERY SYSTEM	SOUND SURGICAL TECHNOLOGIES, LLC.	16/03/2007	KOLKATA
23	251857	1816/KOLNP/2007	10/11/2005	11/11/2004	A LUBRICANT COMPOSITION	HCB HAPPY CHILD BIRTH HOLDING AG.	10/08/2007	KOLKATA

24	251858	2525/KOLNP/2006	14/03/2005	17/03/2004	GLASS STRANDS CAPABLE OF REINFORCING ORGANIC AND/OR INORGANIC MATERIALS	SAINT-GOBAIN VETROTEX FRANCE S.A.	01/06/2007	KOLKATA
25	251860	267/KOL/2008	15/02/2008	16/02/2007	METHOD AND APPARATUS FOR PRODUCING POLYMER FIBERS AND FABRICS INCLUDING MULTIPLE POLYMER COMPONENTS IN A CLOSED SYSTEM	HILLS INC,REIFENHAUSER GMBH & CO. KG	17/04/2009	KOLKATA

CONTINUED TO PART- 2