पेटेंट कार्यालय

शासकीय जर्नल

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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.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

15TH APRIL, 2016

CONTENTS

THE PATENT OFFICE
KOLKATA, 15/04/2016
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:-

1	Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037 Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in	4	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, Telangana, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
2	The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, 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	5	The Patent Office (Head Office), Government of India, 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
3	The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075 Phone: (91)(11) 25300200 & 28032253 Fax: (91)(11) 28034301 & 28034302 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.		

Website: www.ipindia.nic.in
www.patentoffice.nic.in

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 15/04/2016

• कार्यालयों के क्षेत्राधिकार के पते

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

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिहन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत, फोन: (91) (22) 24123311 फ़ैक्स: (91) (22) 24123322 ई. मेल: cgpdtm@nic.in	4	पेटेंट कार्यालय, भारत सरकार इंटेलेक्चुअल प्रॉपर्टी 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 फ़ैक्स: (91)(44) 2250-2066 ई. मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, फोन: (91) (22) 24137701 फ़ैक्स: (91) (22) 24130387 ई. मेल: Mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली•	5	पेटेंट कार्यालय, भारत सरकार 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 फ़ैक्स:/Fax: (91)(33) 2367 1988 ई. मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075. फोन: (91)(11) 25300200, 28032253 फ़ैक्स: (91)(11) 28034301, 28034302 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, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे।

शुल्क: शुल्क या तो नगद 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 है ।**

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.

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Om Prakash Gupta)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

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

(21) Application No.201621009118 A

(19) INDIA

(22) Date of filing of Application :16/03/2016

(43) Publication Date : 15/04/2016

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF APREPITANT.

(51) International classification	:C07D 413/00,	(71)**Name of Applicant :** **1)MEHTA API PVT. LTD.** Address of Applicant :GUT NO.546, 571, 519 & 520, VILLAGE KUMBHAVALI, TARAPUR, BOISAR, TALUKA: PALGHAR, DIST. THANE, MAHARASHTRA-401506, INDIA. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)DR. RAO UWAIS AHMAD KHAN**
(61) Patent of Addition to Application Number	:NA	**2)SHRIKRISHNA MOTIRAM APAR**
Filing Date	:NA	**3)SANJAY GUNDA MALI**
(62) Divisional to Application Number	:NA	**4)CHETAN VINESH PATIL**
Filing Date	:NA	**5)MR. MOHAMMED UMAIR SHAIKH**

(57) Abstract :

The present invention relates to an improved process for preparation of Aprepitant of formula-(1). More particularly the present invention is directed to an improved process for preparation of Aprepitant of formula-(l) in higher yields and purity employing use of mixture of organic bases for preparing compound of formula-(2)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2016

(21) Application No.201621009293 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : IMPROVED FRAME STRUCTURE FOR VEHICLES.

(51) International classification	:B62D 9/00, B62D53/00
(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)TEJAS MAHESH DAKHALE
Address of Applicant :ASHOK NAGAR TATHAWADE, TAL- MULSHI, DIST.: PUNE 411033, MAHARASHTRA, INDIA. Maharashtra India
2)GANESH DNYANDEO DUDHE
(72)**Name of Inventor :**
1)TEJAS MAHESH DAKHALE
2)GANESH DNYANDEO DUDHE

(57) Abstract :
According to this invention, there is provide improved vehicle frame structure which deals with A] Monologue construction of vehicle frame is a one-piece structure which defines the overall shape of the car and incorporates the chassis into the body. In fact, the one-piece chassis and body by directly interconnected to each other. B] For ensuring accuracy we are providing frame material as light weight high strength low alloy material due to which our vehicle overall weight can be reduces C] All members of invented frame structure are interconnected thoroughly by using same material panels of same size and dimensions or which may be changed according to specifications of loads and type of vehicle. The present invention gives monologue construction of vehicle frame is a one-piece structure which defines the overall shape of the car and incorporates the chassis into the body. In fact, the one-piece chassis and body are made by welding many shape panels like rigid light weight bars or hollow cylindrical or hollow circular together. The monologue body structure offers good crash protection as crumple zones can be built into the structure. Another advantage is space efficiency since the whole structure is actually an outer shell. Obviously, this is very attractive to mass production cars.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201621009303 A
(19) INDIA
(22) Date of filing of Application :17/03/2016
(43) Publication Date : 15/04/2016

(54) Title of the invention : REFILL ABLE CREAM TUBE TO AVOID EXCESS USE OF TUBE MATERIAL AND WASTAGE OF CREAM.

(51) International classification	:B05B 11/00
(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)SHASHIKANT SOUDAGAR KEMDARNE
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2)HARSHAD TANAJI MAGAR
3)SWAPNIL SHAILESH DESAI
4)ABHILASH SOUDAGAR KEMDARNE
(72)**Name of Inventor :**
1)SHASHIKANT SOUDAGAR KEMDARNE
2)HARSHAD TANAJI MAGAR
3)SWAPNIL SHAILESH DESAI
4)ABHILASH SOUDAGAR KEMDARNE

(57) Abstract :
When, an excess amount of toothpaste or any cream comes out from tube. Most of the time it gets wasted because it is difficult to put it back into the tube. Also for using whole cream we need to cut the tube. So with the help of some instrument like injection we can put it back into the tube but this methods is not so accurate and effective we decided to make such tube which is open-able form back side (or its tail end) i.e. by making zip or tight lock and zipper like arrangement so we can easily put the excess paste or cream back in to the tube & we can use whole cream without cutting the tube from centre or from any side so that, the empty tube can be used for other purpose. This arrangement is economical, time saving, & allows us to use whole cream in the tube

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201621009416 A
(19) INDIA
(22) Date of filing of Application :17/03/2016
(43) Publication Date : 15/04/2016

(54) Title of the invention : Spirulina Fertilizer for use in Agriculture

(51) International classification	:C05F 11/00, C05G3/00, C05G3/04	(71)**Name of Applicant :** **1)YUVRAJ VIJAY PATIL** Address of Applicant :Yuvraj Patil, 402,Aster Apt., Behind Hotel Banjara, Mahatma Nagar, Nashik, Maharashtra. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	(72)**Name of Inventor :** **1)YUVRAJ VIJAY PATIL**
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:PCT// :01/01/1900	
(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	

(57) Abstract :
Spirulina Fertilizer for use in Agriculture. A Spirulina Fertilizer composition that combines Spirulina, seaweed extract, amino acids, plant growth promoters, secondary nutrients, N-P-K macronutrients, micronutrients and humic acids. Various combinations of the above ingredients can be made to obtain the desired percentages suitable for Vegetable and Fruit crops to be applied at different intervals of the growth stage of the crop. The Spirulina Fertilizer thus prepared makes a complete nutrition package for the plants that results in growth and higher yields. The Spirulina fertilizer can be prepared in liquid and powder form to suit the requirements of the farmers and their application techniques. A detailed description is provided for adding all the necessary elements to make a complete Spirulina Fertilizer that is safe to environment, farm ecology and soil. In the liquid Spirulina fertilizer xanthan gum, tween 80 and bacto 100 are added to offer good emulsification and prevent bacterial growth for increasing the shelf life and stability of the product. The Spirulina Fertilizer being completely water soluble, does not block or clog the Spraying equipments or fertilizer application system and provides ease of application to the farmers. Spirulina Fertilizer can be dissolved in water and applied to vegetable, fruit and field crops through foliar application, drip irrigation, sprinkler irrigation or fertilizer application systems to provide plants with a complete nutrition for higher yields.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2016

(21) Application No.201621002225 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING OPERATION OF THE WASHING MACHINE

(51) International classification	:D06F 39/00, B60S 3/00	(71)**Name of Applicant :** **1)IFB INDUSTRIES LIMITED** Address of Applicant :IFB INDUSTRIES LIMITED, VERNA ELECTRONIC CITY, VERNA - 403722, GOA, INDIA Goa India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	(72)**Name of Inventor :** **1)NARAYANAPPA, PRATHAP**
(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	

(57) Abstract :
The present invention describes a method and system (300, 500) for controlling a washing machine™s operation. The system is configured to execute the method steps comprising: receiving a control input, such the control input comprises at least one of a type of cloth-material and a dirt level associated with the cloth; creating at least one control-setting based on the received input; and receiving a selection of said at least one control setting from the user to cause an operation of the washing machine.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201621007463 A
(19) INDIA
(22) Date of filing of Application :03/03/2016
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPACT HOUSEHOLD PORTABLE SMOKELESS, ODOURLESS SANITARY NAPKIN INCINERATOR

(51) International classification	:F23G 5/00, F23G5/08	(71)**Name of Applicant :** **1)RAJEEV MAKKADATH** Address of Applicant :A-4, 403, ADITYA SHAGUN, NDA ROAD, BAVDHAN, PUNE-411021, MAHARASHTRA, INDIA. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)RAJEEV MAKKADATH**
(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 :
According to this invention, an compact household portable smokeless, odourless sanitary napkin incinerator is provided with the following features: Compact size for mounting inside a toilet / bathroom / washroom / restroom on the wall or at a corner. Filtration of flue gases with particulate and molecular filters before exhausting to atmosphere, thereby eliminating odour and harmful flue gas components. Electronic control system for heater and fan control. Status indication/alarm for ON,FAULT,FILTER CHANGE,GAS HIGH LEVEL Communication protocol for alarm monitoring in large hotels. Portable like any household item.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2016
(21) Application No.201621009457 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A BIOLOGICAL AIR PURIFIER AND A METHOD THEREOF

(51) International classification	:A61L 9/00, B01D 53/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(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

(71)**Name of Applicant :**
1)NAWANI, Dr. Neelu
Address of Applicant :Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Dr. D. Y. Patil Vidyapeeth, Survey No. 87/88, Mumbai-Bangalore Expressway, Tathawade, Pune 411033, India Maharashtra India
(72)**Name of Inventor :**
1)NAWANI, Dr. Neelu
2)SALGAONKAR, Neeta
3)YEWALE, Priti
4)THAKARE, Prasad
5)MANDAL, Abul

(57) Abstract :
The present invention provides a biological air purifier (100) comprising an adsorbent (102) having plurality of natural biomaterials. The adsorbent (102) is configured to react with plurality of air pollutants. Further, the plurality of natural biomaterials of the adsorbent (102) are configured to adsorb the plurality of air pollutants. A method (200) for manufacturing the biological air purifier (100) is also provided. FIG. 1

No. of Pages : 37 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201621009763 A
(19) INDIA
(22) Date of filing of Application :21/03/2016
(43) Publication Date : 15/04/2016

(54) Title of the invention : AUTO-WALAS: AN APP FOR VEHICLE MANAGEMENT

(51) International classification	:H04M 1/00
(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)KALBANDE DHANANJAY
(72)**Name of Inventor :**
1)KALBANDE, DHANANJAY
2)RAUL, NATAASHA
3)SHAH, RUSHABH MANOJKUMAR
4)CHANDNA, TANVI
5)JAIN, JIGER

(57) Abstract :
Commuters face trouble looking for public transport, especially during night travel or monsoon season, which can lead to inconvenience and frustration. They often do not find vehicles who agree to go to the commuters required location. The said invention consists of two parts. One is the GSM system that can be used to track the location of the vehicle, and can easily be attached as an accessory in any passenger or commercial vehicle. The second is the Android application that can be easily installed on commuters phones, and enables them to trace public transport vehicles in their area, and call the respective drivers. The device can also be used for security purposes to track the location of a friend or family member.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2016

(21) Application No.201621005841 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SMART CARD BASED INTELLIGENT NOTICE BOARD

(51) International classification	:G06K 7/00, G07F 7/00
(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 :**
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(57) Abstract :
Many organizations circulate number of notices on paper. This system requires dedicated man power and utilizes lots of paper. Few organizations replaces this physical communication by electronic mailing system or digital communication system like digital notice board, wireless notice board or smart phone application. In electronic mailing system, user need to search e-mails for any particular type of notice while in digital communication system, old notices will not be stored with user. In all discussed systems, notices are generalized. Smart card based intelligent notice board system is intended for organization and for individual user to read and write generalized as well as personalized notices. In this system, smart card reader-writer device receives input on swipe of smart card. A microprocessor based development board will forward received input to server computer system for user validation. The computer server system stores details of valid users and all notices. Said system provides options to select type of notices and will be displayed on LCD connected to smart card device. User can store required notices on smart card. Generalized notices will also be displayed periodically on another LCD unit connected to microprocessor based development board. Said system will display generalized notices on smart phone for particular duration.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/03/2016

(21) Application No.201623007432 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A VALVED OPPOSED PISTON LINEAR COMPRESSOR

(51) International classification :F04B 35/00
(31) Priority Document No :1928/MUM/2015
(32) Priority Date :16/05/2015
(33) Name of priority country :India
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :1928/MUM/2015
Filed on :01/01/1900
(62) Divisional to Application Number :NA
Filing Date :NA

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6)Kshitij Anil Kolas
7)Pravin Narayan Khedkar
8)Suhas Deshmukh
9)Mitali Deshmukh
10)Madhura Sevekari
11)Mandar Lele

(57) Abstract :
The present disclosure envisages a valved opposed piston linear compressor in addition to parent patent A linear compressor (application number 1928/MUM/2015 dated: 16th of May 2015). A Valved Opposed piston linear compressor comprises a housing defined by a main body 102, a first end cover 103A and a second end cover 103B. The valved opposed piston linear compressor 100 comprises two identical permanent magnets107A ,107B disposed within the first end cover 103A and second end cover 103B each. Two coil formers 104A and 104B having metallic wire wound thereon also disposed within the first and second end cover each. The valved opposed piston linear compressor comprises of two piston elements 111A, 111B whose operating (i.e. compression of refrigerant) direction is in opposite of each other by means of two separate linear motors. The two compressor have common compression volume. The valved opposed piston elements are concentric to linear motors and compressor cylinder 113. Head of both piston elements is coated with an anti-friction material 101A and 101B to avoid use of a lubricating oil. The piston element is rigidly coupled with respective coil formers. Both the coil formers 104A, 104B are adapted to oscillate axially within the housing on application of an alternating current, thereby causing the oscillating movement of the piston elements and enabling the compression of the refrigerant. The compression of the refrigerant takes place in the compressor cylinder 113 comprised in the main body of compressor 102. The application of an alternating current is done separately to both of coil formers.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/03/2016

(21) Application No.201624007285 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TOUCH CONTROL DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF

(51) International classification	:G06F 3/00, G06F 1/00
(31) Priority Document No	:201510102656.9(CN)
(32) Priority Date	:09/03/2015
(33) Name of priority country	:China
(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)Xu QIAN
3)Wenxin JIANG
4)Junchao MA
5)Yong WU

(57) Abstract :
A touch control display device is provided. The touch control device includes: a display area including a gate electrode, a plurality of gate lines, a source electrode, a drain electrode, a plurality of source lines, a plurality of conversion lines, and a plurality of common electrodes. A first via hole may be formed on the gate line and exposes at least a portion of the gate line, and a second via hole may be formed on the common electrode and exposes at least a portion of the common electrodes. The plurality of conversion lines may include a plurality of first conversion lines and a plurality of second conversion lines. The plurality of first conversion lines may be electrically connected to the plurality of gate lines via the first via hole, and the plurality of second conversion lines may be electrically connected to the plurality of common electrodes via the second via hole. Fig. 1

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2016

(21) Application No.201621007933 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MOTOR WITH POSITIVE DISPLACEMENT HELICAL PUMP INSIDE MOTOR SHAFT

(51) International classification	:F04C 14/00, F04C 2/00, F03B 13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(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)Patel Ankur Natwarlal

(57) Abstract :
MOTOR WITH POSITIVE DISPLACEMENT HELICAL PUMP INSIDE MOTOR SHAFT The present invention relates to motor with positive displacement helical pump inside motor shaft comprises a stator body (5) within which the rotor (14) is rotatably mounted, helical rotating shaft (15) rotatably positioned inside the rotor (14) and having helical inner surface and helical stationary shaft (16) having number of lobes (16a) on outer surface thereof. The helical stationary shaft (16) is fixedly coupled in non-rotatable position at its both ends with the fluid inlet means through which fluid enter and the fluid outlet means through which fluid exit the pump. Here, the helical rotating shaft (15) is rotated with respect to helical stationary shaft (16) along with the rotation of rotor (14) through which the fluid is pumped from inlet means to outlet means through cavities (17) formed between the lobes (16a) and helical inner surface (15d). Thus pumping and motoring functions are performed within motor section (2).

No. of Pages : 18 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2016

(21) Application No.201621007958 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DESIGN AND DEVELOPMENT OF MEA FOR HIGH PEAK POWER FAST RESPONDING PEM FUEL CELL.

(51) International classification	:H01M 8/00, H01M 4/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(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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(57) Abstract :
For effective working of any system, the power source should supply power according to load demand. Fuel cell can be used as power source if the load demands constant power. Response of fuel cell to the instantaneously changing load is very less due slow reaction kinetics of the fuel at electrodes. Supercapacitor can be used as power source if load demands large power for short duration. Continuous power for longer durations using Supercapacitor is not possible. For the load like motor load or electrical vehicle load, the load require large power at start, during acceleration and for up hilling, while nearly constant power for continuous operation. Such type of load characteristics cannot be supplied by only fuel cell or only Supercapacitor. In practical cases, to supply such loads, a parallel combination of fuel cell and Supercapacitor or parallel combination of battery and Supercapacitor is used called as Hybrid System. The space required and cost of hybrid system is always more. The present invention proposes design and development of membrane electrode assembly (MEA) for a power source which includes features of both Supercapacitor and PEM fuel as a single power source and therefore it is naval and highly useful for electrification and transportation (Electric Vehicle).

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(21) Application No.201641011319 A
(19) INDIA
(22) Date of filing of Application :31/03/2016
(43) Publication Date : 15/04/2016

(54) Title of the invention : INTELLIGENT ENERGY METERS FOR SMART GRID

(51) International classification	:G01R 22/00
(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 :
This Invention is to develop a product that minimizes the electricity bills of the consumer. In all the countrys or states electricity bills were calculated using a slab rate method. For example, below 500 unit of Electricity Current Consumption the bill will be Rs.1400/- and above 500 unit of Electricity Current Consumption the bill will be Rs.2000/-. So, For 1 unit of consumption from 499 unit to 500 unit that costs 40% increased amount. This example slab rate calculation is for residences and for industries similar other calculations are made for the electricity bills. And these calculations may differ from one state to another state in a country also. So this meter has a feature that lists you all the country and state name and at backend each state bill calculation.will be fed, So that you have to select your home country & state and fix it at your home and it also notifies you based on the users preset cost or unit. If the user sets the notification at 450 unit, this meter will notify the user at 450 unit as You have consumed 450 units till now, remaining is 50 units for exceeding the slab rate, so please kindly consume the 50 units effectively till the billing date to avoid 40% increased billing amount. Likewise the user can set the notification for costs also, For example, if a user sets the notification at Rs.1000/-, it notifies as Your electricity bill is Rs.1000/- till now. This also shows live data of energykwh, price, units, current, real power, power factor and supply voltage in a LCD Display. This meter can be replace the existing Energy meters or It can be used as add-ons on the existing Energy meter. This Invention is to develop a product that minimizes the electricity bills of the industries. In industries, Machineries are running from morning to evening and some runs continuously. Due to this, the energy bill of that industry will be extremely high. So this product helps the industry to minimize the electricity bills of the industries at low cost and one time investment by means of analysis. In every industry, among 3 phases, 2 phases will be connected to all the machineries running inside the industry and 1 phase will be connected to the lights, fans and computers inside the industry. So, those 2 phases connected to machines will always exceed the slab rate and hence it results in high energy bills. Since lights, fans and computer are connected to the last phase, that phase energy bill will be low and it doesnt exceed the slab rate. Using this energy meter, we can find the load of each machine. Once the load is found, we can analyze by drawing a line graph in Microsoft excel between the load VS production data of each machine. By comparing all the line graphs of each machine, we get to know that, if the line increases or stable, that means that machines consumes electricity low or normal for production. If the line is decreasing, that means the particular machine is consuming high electricity current for producing the same amount. So an action has to be taken against that machine. That machine has to be serviced. If it is not serviceable, then that machine has to be connected to the 3rd phase where lights and fans are connected so that there will be a stability in the slab rate which makes your energy bill low.These are the main motivation for the invention of intelligent energy meters for smart grid.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2016

(21) Application No.201641012527 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A NOVEL COST-EFFECTIVE SYSTEM, APPARATUS, COMPUTER PROGRAM PRODUCT AND METHOD OF BROADCASTING PUBLIC TRANSPORT LIVE RUNNING STATUS

(51) International classification :G01S19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT// /
Filing Date :01/01/1900
(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 :
A Novel Cost-effective System, Apparatus(Fig: 5), Computer Program Product and Method of Broadcasting the Live Running Status of Public Transport Vehicles is disclosed here, wherein the Apparatus(1) consisting of a Global Navigation Satellite Systems Receiver Module(2) coupled to the first Antenna(3), a first Radio Transceiver(4) with associated Radio Data System Encoder and Decoder(5) coupled to the second Antenna(6) through first Coupling Switch(7), a second Radio Transceiver(8) coupled to the second Antenna(6) through first Coupling Switch(7), an external Memory Storage Device(11) stored with location co-ordinate references, a Microcontroller(9) with Embedded Computer Program(10) Product stored in internal memory and connected with Global Navigation Satellite Systems receiver module(2), the first and second radio transceivers(48) and external memory storage device(11).

No. of Pages : 0 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2015

(21) Application No.4945/CHE/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A SYSTEM AND A METHOD FOR AUTOMATICALLY TURNING OFF OF THE SUPPLY OF GAS OF A CYLINDER THROUGH A TIMED CONTROL MEANS

(51) International classification :F24B1/00
(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 :
A system for automatically turning off the supply of .gas of a cylinder to the gas stove without employing electrical or electronic devices is disclosed. The system is an I-shaped housing structure employing a timed control means for automatically turning off the gas supply. The housing structure consists of three sections mounted to one of the shroud wall of the cylinder. The method comprises automatically turning off the supply of gas from a cylinder to the gas stove by the timed control means when the pre-set time is reached.

No. of Pages : 33 No. of Claims : 16

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

(21) Application No.10197/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014

(43) Publication Date : 15/04/2016

(54) Title of the invention : WINDSCREEN WIPER ARM

(51) International classification	:B60S1/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/EP2012/061914 :21/06/2012
(87) International Publication No	:WO 2013/189539
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
A windscreen wiper arm (8) particularly for automobiles comprising a mounting head (11) mountable on a drive shaft (12) and an arm member (13) pivotally connected to the mounting head (11) by means of a pivot pin (14) wherein the arm member (13) has a substantially U shaped cross section near said pivot pin (14) comprising two side walls (16, 17) wherein a part of the mounting head (18) extends between the side walls (16, 17) and beyond said pivot pin (14) wherein protrusion/groove means are provided on said part and said side walls (16, 17) for limiting a pivot angle of the arm member (13) wherein the protrusion/groove means comprise at least one groove (22) and at least one protrusion (19) cooperating with said groove (22) wherein said protrusion (19) is movable in said groove (22) between a first position corresponding with a wiping position of the arm member (13) and a second position corresponding with a mounting position of the arm member (13) wherein said part is provided with opposite abutting surfaces (20, 21) for abutting against the side walls (16, 17) and wherein said protrusion (19) extends laterally inwardly from one of the side walls (16, 17) into said groove (22) being provided on one of the abutting surfaces (20, 21) abutting against that respective side wall (16, 17) with the special feature that said groove (22) has a width larger than a width of said protrusion (19).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2014

(21) Application No.102/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A NOVEL TECHNIQUE FOR PREPARATION OF LIQUID CRYSTAL DROPLETS

(51) International classification :G01G
(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 application presents a novel process of preparation of stable and uniform LC droplets with topological defects. The process results in spontaneous formation of nice and well-developed LC droplets with topological defects, or to be more specific, radial defects within the confined boundary created by grid system. The LCs of the present invention are stable for 20 or more days and have application for detecting various bio-molecules including bacterial phospholipids (LPS).

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2014
(21) Application No.10815/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METAL-CARBONACEOUS BRUSH AND METHOD FOR PRODUCING SAME

(51) International classification	:H01R43/12, H02K13/00
(31) Priority Document No	:2012136494
(32) Priority Date	:18/06/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/003770
Filing Date	:17/06/2013
(87) International Publication No	:WO 2013/190822
(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)KAGAWA Yoshikazu
4)SHIRAKAWA Hidenori

(57) Abstract :
A carbonaceous material is prepared by kneading a carbon powder and a binder. After granulating the thus prepared carbonaceous material the particle diameters of the carbonaceous material are adjusted. A brush material is prepared by mixing the carbonaceous material having adjusted particle diameters with a metal powder. The thus prepared brush material is molded and heat treated thereby obtaining a brush. In this connection the particle diameters of the carbonaceous material are adjusted to be within a predetermined range before mixing the carbonaceous material with the metal powder so that the average particle diameter of the carbonaceous material in the brush is from 300 μm to 2 000 μm (inclusive). Alternatively the particle diameters of the carbonaceous material are adjusted so that the volume of the carbonaceous material having particle diameters of 300 μm or more relative to the volume of the brush is not less than 50%.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2014

(21) Application No.10817/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NALMEFENE FOR REDUCTION OF ALCOHOL CONSUMPTION IN SPECIFIC TARGET POPULATIONS

(51) International classification :A61K31/485
(31) Priority Document No :61/664804
(32) Priority Date :27/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/063461
Filing Date :27/06/2013
(87) International Publication No :WO 2014/001427
(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 nalmefene for use in the reduction of alcohol consumption in a patient with alcohol dependence who has a high drinking risk level. The present invention also relates to nalmefene for use in the reduction of alcohol consumption in a patient with alcohol dependence who maintains a high DRL after an observation period following initial assessment.

No. of Pages : 55 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2014

(21) Application No.10911/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : POLYMER PARTICLES AND USE THEREOF

(51) International classification :C12N5/10, B82Y40/00
(31) Priority Document No :2012152704
(32) Priority Date :06/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/067791
Filing Date :28/06/2013
(87) International Publication No :WO 2014/007154
(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)TAKAHASHI Katsuyuki

(57) Abstract :
The present invention provides polymer particles which contain the components (a) and (b) described below and have a volume average particle diameter (D50) of from 1 nm to 1 000 nm (inclusive). (a) an amphiphilic polymer (b) a compound the fluorescence characteristics or the light absorption characteristics of which change in response to a change of a specific environmental factor

No. of Pages : 116 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2014

(21) Application No.10912/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LIQUID LEVEL DETECTION DEVICE

(51) International classification :G01F23/296
(31) Priority Document No :2012145755
(32) Priority Date :28/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/065522
Filing Date :05/06/2013
(87) International Publication No :WO 2014/002709
(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 :
A liquid level detection device is configured so as to reduce or eliminate the contact between electrical cords led out of a detection section. A liquid level detection device (1) is provided with: a detection section (20) which detects the position of a liquid surface on the basis of the rotation of a rotation section (21) rotating as a float is displaced; a plate like mounting plate section (12) one surface of which is a mounting surface (12a) to which the detection section (20) is mounted; a flange section (11) which is mounted to a tank for containing liquid; and first and second electrical cords (31 32) which are led out of the detection section (20) toward the flange section (11). A branch section (122) which comprises a through hole is provided in the mounting plate section (12). The second electrical cord (32) passes through the branch section (122) and is routed around from the mounting surface (12a) side of the mounting plate section (12) to the back surface (12b) side thereof.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10916/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITIONS COMPRISING AN AROMATIC ALCOHOL AND A TRPV 1 ANTAGONIST AND USES THEREOF

(51) International classification :A61K8/34,A61K8/49,A61K8/60
(31) Priority Document No :13/911492
(32) Priority Date :06/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/038295
Filing Date :16/05/2014
(87) International Publication No:WO 2014/197184
(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)CEBULSKI Salwomir
2)GARAY Michelle
3)RODRIGUEZ Karien J.
4)SOUTHALL Michael D.
5)KAUR Simarna

(57) Abstract :
A topical composition providing reduced irritation that contains aromatic alcohols such as phenoxyethanol and a TRPV-1 antagonist such as 4-tertiary butyl cyclohexanol is described. The composition is substantially free of parabens. The composition may be used for example for cleansing the skin.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10917/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FORMED CERAMIC SUBSTRATE COMPOSITION FOR CATALYST INTEGRATION

(51) International classification :C04B35/195,B01J37/02,B01J37/03
(31) Priority Document No :13/906151
(32) Priority Date :30/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/039510
Filing Date :27/05/2014
(87) International Publication No :WO 2014/193793
(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)MERKEL Gregory Albert
3)SONG Zhen

(57) Abstract :
Disclosed herein are formed ceramic substrates comprising an oxide ceramic material, wherein the formed ceramic substrate comprises a low elemental alkali metal content, such as less than about 1000 ppm. Also disclosed are composite bodies comprising at least one catalyst and a formed ceramic substrate comprising an oxide ceramic material, wherein the composite body has a low elemental alkali metal content, such as less than about 1000 ppm, and methods for preparing the same.

No. of Pages : 43 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10918/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TURBOMACHINE COMPRISING A CASING WEAR INDICATOR

(51) International classification :F01D21/00,F04D29/42
(31) Priority Document No :1354556
(32) Priority Date :21/05/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/051113
Filing Date :13/05/2014
(87) International Publication No :WO 2014/188107
(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)GOURDANT Sylvain Jacques Marie
2)JACQUET Laurent
3)NECTOUTE Philippe

(57) Abstract :
The prsent invention relates to a turbomachine comprising a casing (7) with an internal wall (3i) that forms a wall of an air duct (3) and atleast one opening (7r) passing through the casing,opening into said duct (3) and forming a passage for an endoscope, the opening (7r), while the turbo machine is running, being plugged by a plug (8) having an end surface portion (8s) in the continuation of the internal wall (3i), characterized in that a wear indicator indicative of wear of the internal wall of the ca sing is associated with the plug (8) or with the internal wall (3i) of the casing in the vicinity of the plug (8). The means of the invention allows inspection that is easy and does not require the use of a measurement instrument.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10920/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FORMED CERAMIC SUBSTRATE COMPOSITION FOR CATALYST INTEGRATION

(51) International classification :C04B35/195,B01J37/02,B01J37/03
(31) Priority Document No :13/906108
(32) Priority Date :30/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/039498
Filing Date :27/05/2014
(87) International Publication No :WO 2014/193783
(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)BOGER Thorsten Rolf
3)MERKEL Gregory Albert
4)SONG Zhen
5)TANNER Cameron Wayne
6)TEPESCH Patrick David
7)VILENO Elizabeth Marie

(57) Abstract :
Disclosed herein are formed ceramic substrates comprising an oxide ceramic material, wherein the formed ceramic substrate comprises a low elemental alkali metal content, such as less than about 1000 ppm. Also disclosed are composite bodies comprising at least one catalyst and a formed ceramic substrate comprising an oxide ceramic material, wherein the composite body has a low elemental alkali metal content, such as less than about 1000 ppm, and methods for preparing the same.

No. of Pages : 43 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10921/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NON HALOGEN FLAME RETARDANT POLYMERS

(51) International classification :C09K21/14,C08F230/02
(31) Priority Document No :61/827823
(32) Priority Date :28/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/039353
Filing Date :23/05/2014
(87) International Publication No :WO 2014/193754
(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)LAI John Ta Yuan
2)CHOU Ti

(57) Abstract :
Non-halogenated monomers that can be polymerized into flame retardant polymers, and processes to produce the monomers and polymers is provided. In a simplest aspect, there is provided a monomer composition that can comprise a) a group derived from one of a (meth)acrylic acid, (meth)acrylamide, or vinylbenzene, b) a polyphosphate moiety, and c) an amine species. In the monomer composition, the ethylenically unsaturated monomer of (a) is covalently bonded directly or through a linking group to the moiety of b), forming a precursor monomer unit. The amine species of c) is in complex with the precursor monomer unit. The polymer can be a homopolymer of the monomer composition, or a copolymer of the monomer composition having varying a), b) and c). In one embodiment, the polymer can additionally comprise ethylenically unsaturated monomers not covalently bonded to a poly phosphate moiety and/or can be cross-linked with a cross-linking agent such as resorcinol.

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10922/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR ACTUATING A MECHANICAL DIODE CLUTCH ASSEMBLY

(51) International classification	:F16H63/30,F16D25/06,F16D25/0638
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/US2013/046085 :17/06/2013
(87) International Publication No	:WO 2014/204427
(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)TURNER Jeremy

(57) Abstract :
The present disclosure provides an actuation assembly for applying a mechanical diode clutch. The clutch includes an outer member, an inner member, and a strut. The actuation assembly includes a plate having an apply portion and a plurality of legs, where each of the plurality of legs has a first end coupled to the apply portion and a second end adapted to couple to a shift sleeve. A mechanism is coupled to the apply portion of the plate. The mechanism includes at least one biasing member. The plate is moveable between an unapply position and an apply position such that a movement from the unapply position to the apply position induces contact between the mechanism and the strut.

No. of Pages : 42 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10923/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CATALYTIC CONVERTER REACTOR

(51) International classification :B01J19/24,B01D53/88,F01N3/28
(31) Priority Document No :A 494/2013
(32) Priority Date :19/06/2013
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2014/000129
Filing Date :20/06/2014
(87) International Publication No :WO 2014/201485
(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)AUMANN Michael
3)HARTUNG Andreas
4)KRAINER Thomas
5)NAGL Thomas
6)P–LZL Gerhard
7)SCHWEIGER Mario

(57) Abstract :
A catalytic Converter reactor (1) having in-built catalytic Converter modules (2), wherein the total flow impingement surface area provided by the catalytic Converter elements (3) fitted in the catalytic Converter modules is larger than the flow impingement surface area of the catalytic Converter reactor, the module impingement surface area being defined by the catalytic Converter module surfaces facing the main flow direction, and the catalytic Converter modules being positioned so that the waste gas flows through the catalytic Converter elements contained therein in a direction different from the flow direction on the intake and exit sides.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10924/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LIQUID DISPERSANT COMPOSITION FOR GYPSUM

(51) International classification :C04B24/26,C04B22/16,C04B24/12
(31) Priority Document No :2013128433
(32) Priority Date :19/06/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/066241
Filing Date :19/06/2014
(87) International Publication No :WO 2014/203953
(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)YOSHINAMI Yusuke
2)HAMAI Toshimasa
3)SUZUKI Kenichi

(57) Abstract :
The present invention i s a liquid dispersant composition ior gypsum, which comprises (A) a specific polycarboxylic acid-containing copolymer, a specific nitrogen-containing compound such as a specific alkylamin and water, and has a p H value o f 7.0 t o 13.0 inclusive at 20 °C

No. of Pages : 103 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10929/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONTENT GENERATION FOR INTERACTIVE VIDEO PROJECTION SYSTEMS

(51) International classification	:H04N21/472,G06F3/01,H04N21/40
(31) Priority Document No	:61/817973
(32) Priority Date	:01/05/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2014/000394 :01/05/2014
(87) International Publication No	:WO 2014/176682
(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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(72)**Name of Inventor :**
1)ATHAVALE Meghan Jennifer
2)OTTO Keith Martin
3)WACHS Curtis Franz

(57) Abstract :
Various embodiments herein include systems , methods, and software for interactive video projection system content generation. Such content is content consumed by a system that projects a scene view on a surface, such as a wall , screen or floor , and is interactive with user motion. User motion is captured as input via a camera or other imaging device and processed on a computing device to determine where in a projected scene a user is moving. The scene is then modified based on the detected motion. A user generates content for consumption in such embodiments by providing image and variable input to populate a graphical rendering template when rendered for presentation to a user.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10930/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : IMPROVEMENTS IN AND RELATING TO ANTENNA SYSTEMS

(51) International classification :H01Q1/02,H01Q21/00,H05K7/20
(31) Priority Document No :1309742.3
(32) Priority Date :31/05/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/051650
Filing Date :30/05/2014
(87) International Publication No :WO 2014/191756
(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)BAE SYSTEMS PLC
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(72)**Name of Inventor :**
1)ROWE Adrian

(57) Abstract :
An air-cooled antenna comprising one or more separate antenna arrays (4) and a plurality of separate respective radio transmitter and/ or receiver modules (3) each adapted for generating and/or receiving radio-frequency (RF) transmissions for an antenna array associated therewith. An antenna housing (2) contains the transmitter and/or receiver modules and has a ventilation inlet (8) for receiving air into the housing to an exhaust outlet (9) for outputting the air from the housing. A ventilation driver (6) drives an air flow rate through the housing from the ventilation inlet to the exhaust outlet. Neighbouring transmitter and/or receiver modules are arranged to present opposing respective surfaces (10) across a spacing therebetween to define a ventilation gap populated by a plurality of separate heat-conductive projections (30) which extend in a direction across the ventilation gap and which are spaced to generate turbulence in a flow air along the ventilation gap at the flow rate determined by the ventilation driver. The invention promoted the generation of sufficient air turbulence and sufficient surface area for the efficient transfer of heat into the coolant.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10931/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FORMED CERAMIC SUBSTRATE COMPOSITION FOR CATALYST INTEGRATION

(51) International classification :C04B35/195,B01J37/02,B01J37/03
(31) Priority Document No :13/906133
(32) Priority Date :30/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/039507
Filing Date :27/05/2014
(87) International Publication No :WO 2014/193791
(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)TANNER Cameron Wayne
3)TEPESCH Patrick David
4)VILENO Elizabeth Marie

(57) Abstract :
Disclosed herein are formed ceramic substrates comprising an oxide ceramic material, wherein the formed ceramic substrate comprises a low elemental alkali metal content, such as less than about 1000 ppm. Also disclosed are composite bodies comprising at least one catalyst and a formed ceramic substrate comprising an oxide ceramic material, wherein the composite body has a low elemental alkali metal content, such as less than about 1000 ppm, and methods for preparing the same.

No. of Pages : 43 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10932/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INDUSTRIAL DEINKING OF INK COMPOSITIONS

(51) International classification :B01F17/00,C09D11/02,B08B7/04
(31) Priority Document No :2013/0458
(32) Priority Date :28/06/2013
(33) Name of priority country :Belgium
(86) International Application No :PCT/NL2014/050426
Filing Date :27/06/2014
(87) International Publication No :WO 2014/209124
(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)DEPREZ Lode Erik Dries

(57) Abstract :
The ink composition comprises pigment particles and a stimulus responsive dispersing agent for dispersing said pigment particles in a proticpolar solvent, for instance for inkjet printing, which stimulus responsive dispersing agent comprises an anchoring part for anchoring to said pigment particles, a stimulus responsive part as shown in formula (XXa) or (XXb) and a hydrophilic part for solvent stabilization of the pigment, wherein the stimulus responsive part upon exposure to a stimulus initiates decomposition of the stimulus responsive dispersing agent. The paper with the printed ink can be deinked in an industrial deinking process.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10935/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMMUNICATION APPARATUS AND COMMUNICATION METHOD

(51) International classification :H04W36/00
(31) Priority Document No :201310240852.3
(32) Priority Date :18/06/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/079934
Filing Date :16/06/2014
(87) International Publication No :WO 2014/201985
(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)QIN Zhongbin

(57) Abstract :
An electronic device comprising processing circuitry configured to establish a first wireless communication channel with a user equipment (UE). The device also determines whether a second communication channel of at least a predetermined quality exists between the UE and a non co-baseband basestation (BS) while the first communication channel between the UE and the electronics device is maintained. The first communication channel and the second Determine manner of communication channel use different carrier resources.

No. of Pages : 57 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10936/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NOVEL ANTIBODY FRAMEWORKS

(51) International classification :C07K16/46,C07K16/24,C07K16/22
(31) Priority Document No :13003264.2
(32) Priority Date :26/06/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/001730
Filing Date :26/06/2014
(87) International Publication No :WO 2014/206561
(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)MEYER Sebastian
2)URECH David

(57) Abstract :
The present invention relates to novel antibody frameworks with advantageous properties.

No. of Pages : 69 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10937/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DATA PROCESSING

(51) International classification :G06F19/00
(31) Priority Document No :13176501.8
(32) Priority Date :15/07/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/064587
Filing Date :08/07/2014
(87) International Publication No :WO 2015/007570
(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)RENTEL Ullrich

(57) Abstract :
The invention relates to a system and corresponding method for data processing, in particular sensor data processing, comprising at least two first modules (M 11-M 17) adapted for generating or capturing first data, at least one second module (M2) adapted for retrieving first data from those first modules (M12, M14, M16; Mil , M15; M13, M16, M17) which correspond to first modules of at least one pre-defined set (S 1-S3) of first modules, and a third module (M3) adapted for processing the first data which were retrieved by the at least one second module (M2). By means of the invention it is ensured that relevant data captured by a plurality of different data capturing modules (Ml 1-M17), in particular sensors, are made available in a processing module (M3) in fast and reliable manner.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10938/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A SYSTEM AND METHOD FOR REAL TIME ANALYSIS OF MEDICAL IMAGING

(51) International classification :A61B5/00,G06Q50/22
(31) Priority Document No :61/835650
(32) Priority Date :17/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2014/050467
Filing Date :25/05/2014
(87) International Publication No :WO 2014/203239
(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)PERI Netanel

(57) Abstract :
A system for real-time analyzing of medical imaging comprising: (a) a data base of images and text associated with at least one of the images; the images are of medical imaging; (b) a first computer readable medium (FCRM) having instructions there on for: (i) receiving an image from a picture archiving and communication system (PACS); (ii) communicating with the data base; and (iii) comparing between the image and the database of images; and (c) a second computer readable medium (SCRM) is in communication with the FCRM; wherein the FCRM is further instructed to find related images and text from the data base; further wherein the FCRM is instructed to send the related images and text to SCRM in real-time.

No. of Pages : 20 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10939/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CYLINDER LOCK AND KEY WITH SIDE BAR

(51) International classification :E05B27/00,E05B19/00
(31) Priority Document No :13/899973
(32) Priority Date :22/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2014/050594
Filing Date :15/05/2014
(87) International Publication No :WO 2014/189438
(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)WID‰N Bo

(57) Abstract :
A cylinder lock and key combination is dis closed, including a cylinder lock (100), comprising a housing (104) accommodating a rotatable key plug (102), said key plug having a keyway (101) for receiving a key blade (202). A row of tumbler pins (111,. .., 116) are arranged in corresponding cylindrical chambers (11la,. .., 116a) in the key plug for engagement with coded V-cut bittings (21 1, . .,216) of an associated key. A longitudinal side bar (150) is slidingly journalled for transversal movement in the keyplug. The side bar also has a row of inner projecting lugs (15 1,. .,15 6) each selectively registering with one or more recesses (l l lh,. .,1 16h) in the tumbler pins. A key (200) is provided with coded V-cut bittings (21 1,. .,216) each standing at a respective angle and being located at a respective vertical level. The row of inner projecting lugs (15 1,. .,156) of the side bar (150) is located above the topbitting level (B) of the key blade, and the tumbler pins (111,. .,1 16) are con figured so that each of the pin recesses is located in a cylindrical outer surface of the tumbler pin and is covered by a cylindrical wall part of an associated one of said cylindrical chambers (111a,. .,1 16a), without communicating downwardly with the keyway, In this way, each pin recess is concealed and invisible from the inside of said keyway, even when the keyway is empty. Thus, the lock will be more secure than prior art locks of this kind. The invention also relates to a side bar and a key.

No. of Pages : 52 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.1011/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELEVATOR SYSTEM WITH MULTIPLE CARS IN A HOISTWAY

(51) International classification :F15C
(31) Priority Document No :na
(32) Priority Date : -
(33) Name of priority country :
(86) International Application No :PCT/US2004/042207
Filing Date :16/12/2004
(87) International Publication No :WO 2006/065241
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :4494/DELNP/2007
Filed on :16/12/2004

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(57) Abstract :
An elevator system (20) includes multiple elevator cars (22, 32) within a hoistway (26). Counterweights (24, 34) are associated with the respective elevator cars (22, 32) by load bearing members (40, 50). In some examples, different roping ratios are used for the load bearing members (40, 50). In some examples, the lengths of the load bearing members (40, 50) are selected to allow contact between the counterweights (24, 34) within the hoistway (26) and prevent contact between the elevator cars (22, 32). The difference in car and counterweight separation distances in greater than a stroke of a counterweight buffer plus an expected dynamic jump of the elevator cars. A disclosed example includes passages (80) through a portion of at least one of the elevator cars (22) for accommodating the load bearing member (5) of another elevator car (32) located beneath the elevator car (22) with the passages (80). FIGURE - 1

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015
(21) Application No.10943/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR DETECTING WATER/PRODUCT INTERFACES DURING FOOD PROCESSING

(51) International classification :G01N29/036,G01N15/02
(31) Priority Document No :61/829406
(32) Priority Date :31/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2014/061307
Filing Date :08/05/2014
(87) International Publication No :WO 2014/191857
(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)CUMMINGS Daniel Louis

(57) Abstract :
The present disclosure provides systems and methods for manufacturing food products. In a general embodiment, systems for manufacturing a food product include at least one heat exchanger, at least one food product tank, at least one conduit downstream of the food product tank for flow of the food product, and a flow detection device coupled to an exterior of the conduit. The flow detection device includes a processor and a computer readable medium storing instructions which, when executed, cause the processor to perform a spread spectrum analysis of the flow of the food product through the conduit. Methods for manufacturing food products are also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10944/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ABSORBENT ARTICLE COMPRISING A FRAGRANCE OR ODOR CONTROL COMPOSITION

(51) International classification :A61L15/46
(31) Priority Document No :61/836788
(32) Priority Date :19/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/042897
Filing Date :18/06/2014
(87) International Publication No :WO 2014/205053
(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)AVILES Misael
3)ELLINGSON Peter Christopher
4)DUVAL Dean Larry

(57) Abstract :
An absorbent article selected from a sanitary napkin, an incontinence pad and a pantyliner, comprising a topsheet layer, a backsheet layer, a fastening adhesive applied on the backsheet garment facing surface. The adhesive comprises one or more thermoplastic elastomers. The article comprises a fragrance or odor control composition comprising one more esters, having a log P value of 2.9 or higher and a Kovats Retention Index of 1450 or higher, at least 90% of which are in encapsulated or complexed form.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10945/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PERMANENT MAGNET ASSEMBLIES FOR GENERATING CONCAVE FIELD LINES AND PROCESS FOR CREATING OPTICAL EFFECT COATING THEREWITH (INVERSE ROLLING BAR)

(51) International classification :B05D3/00,B05D5/06,B42D15/00
(31) Priority Document No :13172078.1
(32) Priority Date :14/06/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/062397
Filing Date :13/06/2014
(87) International Publication No :WO 2014/198905
(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)DEGOTT Pierre

(57) Abstract :
The invention relates to the field of the protection of security documents such as for example banknotes and identity documents against counterfeit and illegal re production. In particular, the invention relates to magnetic-field-generating devices which produce positively curved magnetic field lines in a concave fashion. The invention also relates to the use of these magnetic-field-generating devices for producing optical effect layers OEL which exhibit the optical impression of a positive rolling bar effect and to processes using these magnetic- field-generating devices, e.g. in the field of document security.

No. of Pages : 45 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10946/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SHAVING RAZOR DEMONSTRATION APPARATUS AND METHOD

(51) International classification :B26B21/40
(31) Priority Document No :61/830299
(32) Priority Date :03/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/040621
Filing Date :03/06/2014
(87) International Publication No :WO 2014/197434
(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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(57) Abstract :
A shaving demonstration apparatus having a rotatable support surface. A drive unit is operatively connected to the rotatable support surface. A fixture is spaced apart from the rotatable support surface. A first shaving razor has a first handle mounted to the fixture. A first blade cartridge unit is mounted to an end of the first handle. The first blade cart ridge unit contacts the rotatable support surface.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.10589/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LUBRICATING COMPOSITION

(51) International classification :A61K 47/10
(31) Priority Document No :12172943.8
(32) Priority Date :21/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/062666
Filing Date :18/06/2013
(87) International Publication No :WO 2013/189951
(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)DIXON Richard Thomas

(57) Abstract :
A lubricating composition for use in the crankcase of an engine comprising a base oil and one or more additives wherein the base oil comprises a Fischer Tropsch derived base oil and wherein the lubricating composition comprises one or more comb polymers. The lubricating composition of the present invention has been found to improve sustained fuel economy properties whilst obtaining improved piston cleanliness properties and improved dispersancy properties.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2014

(21) Application No.10809/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LABORATORY AUTOMATION SYSTEM WITH COATING TAPE INTERPOSED BETWEEN AN AUTOMATIC CONVEYOR BELT AND A SLIDING PROFILE AND A METHOD OF APPLYING SAID COATING TAPE

(51) International classification :B65G45/00
(31) Priority Document No :MI 2012 A 000901
(32) Priority Date :24/05/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2013/060535
Filing Date :22/05/2013
(87) International Publication No :WO 2013/174877
(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 :
A laboratory automation system is described comprising an automatic conveyor belt (4) sliding within a sliding profile (6) of a lane (2,3) and a coating tape (7,8) interposed between the automatic conveyor belt (4) and the sliding profile (6). The sliding profile (6) includes a first region (61) onto which a coating tape (7) is applied by gluing.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2015
(21) Application No.1278/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INJECTOR AND MANUFACTURING METHOD THEREOF

(51) International classification :F02M 61/18
(31) Priority Document No :2013148246
(32) Priority Date :17/07/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/067914
Filing Date :04/07/2014
(87) International Publication No :WO 2015/008638
(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 the nozzle plate of an injector and provides a nozzle plate which improves throughput and can control the shape of the ejection port and which in the process by which the nozzle plate is manufactured involves preparing a horizontal passage where fuel flows and a swirl chamber on the substrate in advance with an electric plating pattern and preparing the ejection port for injecting fuel and the outside shape of the nozzle plate with a disposable resist; also provided is a manufacturing method of said nozzle plate. This injector for injecting fuel in an internal combustion engine is characterized by being provided with a valve body which can open and close to inject and stop fuel a valve seat which comes into contact with the valve body to stop fuel injection and a nozzle plate which injects fuel downstream of the valve body and the valve plate wherein the nozzle plate is formed from the horizontal passage where fuel flows the ejection port from which the fuel is injected and the swirl chamber where the fuel is swirled and seen from the side where the fuel is injected the horizontal passage the ejection port and the swirl chamber portion have a protruding shape.

No. of Pages : 58 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/06/2014

(21) Application No.1741/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SWITCH STRUCTURE

(51) International classification :H02M 5/257
(31) Priority Document No :102123722
(32) Priority Date :02/07/2013
(33) Name of priority country :Taiwan
(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 :
A switch structure connectable with both bare lead and flat-head terminal lead. The switch structure includes a main body formed with at least one cavity. A retainer member and a conductive metal member are arranged in the cavity for pressing the terminal lead into electrical connection with the conductive metal member. A reciprocally movable carrier body is assembled with the retainer member. The carrier body has an arm assembled with an elastic member. A restriction body is disposed in the cavity. The restriction body is formed with a chamber for receiving the arm and the elastic member of the carrier body. The restriction body restricts the moving direction or distance of the carrier body to increase the structural strength of the switch structure and enhance the lead locking 15 ability of the switch structure.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2015

(21) Application No.1953/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A PHOTOCHROMIC ARTICLE HAVING AT LEAST PARTIALLY CROSSED POLARIZED PHOTOCHROMIC DICHROIC AND FIXED POLARIZED LAYERS

(51) International classification :G02B 5/23
(31) Priority Document No :13/616591
(32) Priority Date :14/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059774
Filing Date :13/09/2013
(87) International Publication No :WO 2014/043546
(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)LIGAS John S.
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6)NGUYEN Henry

(57) Abstract :
Photochromic dichroic articles are provided which include a substrate having a first surface a fixed polarized layer over the first surface of the substrate and a photochromic dichroic layer over the first surface of the substrate. The fixed polarized layer optionally includes a fixed colorant and has a first polarization axis. The photochromic dichroic layer includes a photochromic dichroic compound that is laterally aligned within the photochromic dichroic layer and which defines a second polarization axis. The first polarization axis and the second polarization axis are oriented relative to each other at an angle of greater than 0 and less than or equal to 90. The photochromic dichroic articles can provide for example increased optical density and/or increased kinetics when exposed to a given amount of actinic radiation.

No. of Pages : 92 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10947/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : RUBBER REINFORCED THERMOPLASTIC RESIN COMPOSITION AND RESIN MOLDED ARTICLE

(51) International classification :C08L55/02,C08L25/12
(31) Priority Document No :2013111568
(32) Priority Date :28/05/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/064018
Filing Date :27/05/2014
(87) International Publication No :WO 2014/192766
(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 :
A rubber-reinforced thermoplastic resmcom position comprising: a graft copolymer (A) forming a dispersion phase and obtained by graft copolymerization, in the presence of a rubber-like polymer (a), of at least one type of monomer (b) selected from a group comprising an aromatic vinyl-based monomer, a vinyl cyanide monomer, a (meth) acrylate ester-based monomer, and other copolymerizable monomers; and a copolymer (B) forming a continuous phase and being a copolymerization of at least one type of monomer (b) selected from a group comprising an aromatic vinyl-based monomer, a vinyl cyanide monomer, a (meth) acrylate ester-based monomer, and other copolymerizable monomers. The ruober-reinforced thermoplastic resin composition i s characterized b y the viscosity ratio (1/h2), between the viscosity (1) at a shear rate of 1 10 sec and the viscosity (h2) at a shear rate of 1 10 /sec, being no more than 10 as measured using a capillary rheometer having a 1 m m ˜ bore diameter.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10948/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HETEROCYCLIC AMIDE COMPOUND

(51) International classification	:C07D471/04,A01N43/90,A01P13/02
(31) Priority Document No	:2013115196
(32) Priority Date	:31/05/2013
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2014/064492 :30/05/2014
(87) International Publication No	:WO 2014/192936
(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)FURUHASHI Takamasa
6)MAEDA Kazushige

(57) Abstract :
Provided are heterocyclic amide compounds represented by formula (I), and an agricultural chemical, specincally a herbicide, which contains said compounds (in formula (1), Q represents an aromatic heterocycle indicated by any o f Q l to Q5, W represents an aromatic heterocycle indicated b y W-1, W-2, or W-3, X represents an oxygen atom, or the like, R1a represents a hydrogen atom, a halogen atom, or a C1-C6 alkyl, or the like, R1b represents a hydrogen atom, or the like, R1c represents a C 1-C6 alkyl, R 2a represents a halogen atom, or a C1-C6 alkyl, or the like, R 2c represents a C1-C6 haloalkyl, R 3 represents a hydrogen atom, or the like, R4a represents a hydrogen atom, or a Ci-C6 alkyl, or the like, R4b represents a hydrogen atom, or a Ci- C 6 alkyl, or the like, R4c represents a hydrogen atom, or a C 1-C6 alkyl, or the like, R 4d represents a hydrogen atom, or a C 1-C6 alkyl, or the like, R5a and R5b each in dependently represent a hydrogen atom, or a Ci -C6 alkyl, or the like, R5c represents a hydrogen atom, or a Ci-C6 alkyl, or the like, and n represents the integer 0 , 1, 2 , or 3).

No. of Pages : 215 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10949/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CULTURE METHOD FOR NATURAL SPECIES REJUVENATION OF ARTIFICIALLY BRED CORDYCEPS STRAINS

(51) International classification :A01G1/04
(31) Priority Document No :201310293611.5
(32) Priority Date :12/07/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/080068
Filing Date :17/06/2014
(87) International Publication No :WO 2015/003547
(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)LIU Fei

(57) Abstract :
Disclosed i s a method for natural species rejuvenation of artificially bred strains, comprising the following stes 1) infecting cordyceps host larvae with cordyceps strains artificially bred for more than 2 generations, screening the contaminated larvae which are firstly rejuvenated, and placing the larvae in a rejuvenation base after continuously culturing for 1 to 2 stages; 2) managing the transition periods so that the contaminated larvae adapt to the wild environment; 3) managing the specie nature exercise period of the bombyx insects; 4) rejuvenation of natural species of sexual spores and mycodermas; 5) collecting cordyceps with mature sexual spores, and transplanting to a sterilized culture medium to continuously culture after washing the insect-strain complexes; 6) after-ripening of the cordyceps; and 7) harvesting cordyceps strain materials. The method provides a strain guarantee for large-scale sustainable production of cordyceps.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2015

(21) Application No.1991/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHODS AND COMPOSITION FOR DETECTING INTESTINAL CELL BARRIER DYSFUNCTION

(51) International classification :C12Q 1/37
(31) Priority Document No :61/697190
(32) Priority Date :05/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/058296
Filing Date :05/09/2013
(87) International Publication No :WO 2014/039699
(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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(57) Abstract :
Methods for detecting intestinal cell barrier dysfunction in a patient are disclosed. In one method patient intestinal epithelial cells (lECs) oropharyngeal epithelial cells (OECs) or buccal epithelial cells (BECs) are stained with detectable probes specific against caspase 1 and caspase 3&7 and the cells are viewed for the presence of elevated levels of caspase 1 as evidence by a significantly higher ratio of caspase 1 marker to caspase 3&7 as an indicator of cell barrier dysfunction. In a second method in situ images of a patient s lEC s OECs or BECs are obtained by probe based confocal laser endomicroscopy (pCLE) and images are analyzed for density of cell gaps. Also disclosed is a probe composition for use in detecting intestinal cell barrier dysfunction.

No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10940/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BLAST FURNACE AND METHOD FOR OPERATING A BLAST FURNACE

(51) International classification :C21B5/06,C21B7/00
(31) Priority Document No :10 2013 009 993.5
(32) Priority Date :14/06/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/061725
Filing Date :05/06/2014
(87) International Publication No :WO 2014/198635
(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 problem addressed by the invention is that of creating a blast furnace and a method for operating a blast fhrnace that are suitable for reducing the CO2 emission and the amount of additives and heating fuels compared to currently used metallurgical plants. This problem is solved by a process for processing metal ores, comprising the following steps: reducing a metal ore, in particular a metal oxide; producing a top gas containing CO2 in a blast-furnace shaft; discharging the top gas from the blast furnace; conducting at least part of the top gas directly or indirectly to a CO2 Converter and reducing the CO2 contained in the top gas to CO in the CO2 Converter; and conducting at least a first part of the CO from the CO2 Converter into the blast-furnace shaft. In addition to the Solution of the problem stated above, CO is produced by means of the process as a gaseous reductant that can be easily introduced into the blast-furnace shaft. A blast furnace for extracting metal that operates in accordance with the process comprises the following: a blast-furnace shaft having a first top-gas outlet and at least one CO inlet; a CO2 Converter, which has a CO2 Converter entry and a CO2 Converter gas inlet for gases containing CO2 and is suitable for reducing CO2 to CO; wherein the top-gas outlet is connected directly or indirectly to the CO2 Converter gas inlet; and wherein the CO2 Converter has at least a first CO outlet for discharging a first part of the CO produced in the CO2 Converter, the at least first CO outlet being connected directly or indirectly to the blast-furnace shaft

No. of Pages : 52 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10941/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ABSORBENT ARTICLE COMPRISING COMPLEXED OR ENCAPSULATED REACTIVE COMPOUNDS

(51) International classification :A61L15/46
(31) Priority Document No :61/836782
(32) Priority Date :19/06/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/042892
Filing Date :18/06/2014
(87) International Publication No :WO 2014/205048
(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)DUVAL Dean Larry

(57) Abstract :
Absorbent articles comprising one or more complexed or encapsulated compounds compounds selected from: melonal, adoxal, trans-2-hexenal, ligustral, Floral Super, Florhydral, 5-methyl-2-thiophene-carboxaldehyde,hydratropic aldehyde, undecenal, 9-undecenal, 10-undecenal, trans-4-decenal, cis-6-nonenal, isocyclocitral, precyclemone b, (E)-2,(z)-6-nonadienal, undecyl aldehyde, methyl-octyl-acetaldehyde, Laurie aldehyde, silvial, vanillin, floralozone; are particularly effective in reducing malodors coming from degradation of proteinaceous materials such as food, menses or feces.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10942/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITIONS AND NUTRITIONAL PRODUCTS WITH IMPROVED EMULSION STABILITY

(51) International classification :A23L1/30,A23L1/305,A23J3/08
(31) Priority Document No :13174091.2
(32) Priority Date :27/06/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/063781
Filing Date :27/06/2014
(87) International Publication No :WO 2014/207247
(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)BRAUN Marcel

(57) Abstract :
The present invention relates to a method of preparing a protein composition, comprising enzymatic modification of milk lecithin using phospholipase. This protein composition is then included in nutritional products to increase emulsion quality and heat stability of the final nutritional products.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2015

(21) Application No.1920/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ANDROGEN RECEPTOR MODULATOR FOR THE TREATMENT OF PROSTATE CANCER AND ANDROGEN RECEPTOR-ASSOCIATED DISEASES

(51) International classification :A61K 31/4439
(31) Priority Document No :60/785,978
(32) Priority Date :27/03/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2007/007485
Filing Date :27/03/2007
(87) International Publication No :WO/2007/126766
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :9025/DELNP/2008
Filed on :27/03/2007

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1)JUNG Michael Ernest
2)SAWYERS Charles Lazelle
3)OUK Samedy
4)TRAN Chris
5)WONGVIPAT John

(57) Abstract :
A hydantoin compound useful for the prevention or treatment of hyperproliferative diseases or disorders.

No. of Pages : 59 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2015

(21) Application No.1990/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DRAINAGE METHOD AND PURGE COLLECTOR OF A CARBURATION SYSTEM OF A HELICOPTER

(51) International classification :B64D 37/32
(31) Priority Document No :1258120
(32) Priority Date :30/08/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051976
Filing Date :27/08/2013
(87) International Publication No :WO 2014/033400
(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)PEARCE Simon
2)LAVIE CAMBOT Bernard
3)MOEBS Hubert

(57) Abstract :
The aim of the invention is to prevent the formation of smoke at least during the restarting of the engines. To this end the fuel purged during the engine shutdown is trapped and drained during the beginning of the following flight making use of the incline of the helicopter. A collector (4) of a helicopter engine comprises an outer longitudinal wall (41) and two closed end walls (42 43) a longitudinal axis of symmetry (X X) inclined in an ascending manner couplings (51 to 53) to be connected to the purge drains and a connection (54) coupled to a gas jet nozzle (5) and connected to the bottom end wall (43). The collector (4) also comprises in the inner space (V) thereof an enclosure (6) having an axis of symmetry (E E) substantially parallel to the axis of the collector (X X). The enclosure (6) has a longitudinal wall (61) and two transverse end walls (62 63). The enclosure (6) is connected to the purge coupling of the injection wheel (53) via a radial connection (64) joining the longitudinal wall (61) thereof the axis of symmetry of the enclosure (E E) being inclined in relation to the horizontal ground of reference (S0) when the helicopter is in the ground position (H0) by an angle of reference (A0) such that said axis (E E) is parallel to the ground of reference (S0) when the helicopter is in the acceleration phase.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.10955/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CRYSTALLINE COMPLEX OF L-CYANO-2-(4-CYCLOPROPYL-BENZYL)-4-(B- D-GLUCOPYRANOS-1-YL)- BENZENE, METHODS FOR ITS PREPARATION AND THE USE THEREOF FOR PREPARING MEDICAMENTS

(51) International classification :C07D309/10
(31) Priority Document No :12177944.1
(32) Priority Date :26/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065736
Filing Date :25/07/2013
(87) International Publication No :WO 2014/016381
(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)ECKHARDT Matthias
2)BUTZ Tanja
3)HIMMELSBACH Frank
4)MARTIN Hans Juergen

(57) Abstract :
The invention relates to a crystalline complex of l-cyano-2-(4-cyclopropyl-benzyl)-4-B-D- glucopyranos-1-yl)-ben- S zene and a natural amino acid, to methods for the preparation thereof, as well as to uses thereof for preparing medicaments.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2013

(21) Application No.1315/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD TO REDUCE THEFT PROBLEM OF VEHICLE BY AUTOMATIC HAND BRAKE LOCKING

(51) International classification :B60T
(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)R.K. TYAGI
2)RAVI RANJAN

(57) Abstract :
The present invention relates to a novel system and method for automatic locking of vehicle hand brake comprising an additional brake wire, a spool, permanent type fastener, stepper motor, 8085 kit and a receiver and transmitter kit. The system immobilizes the vehicle so that no one can move the vehicle from its parking position and prevents towing of the vehicle. The system is easily controlled by the remote control through receiver and transmitter kit which is used to serve the purpose of a remote control. Similarly 8085 kit is used to engage and disengage the hand brake wire with the aid of stepper motor and spool.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2013
(21) Application No.1316/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METALLOPORPHYRIN-FUNCTIONALIZED CNT COMPOSITE AS CHEMIRESISTIVE SENSOR FOR DETECTION OF NITROBENZENE AND CHLOROBENZENE VAPORS

(51) International classification :C07C
(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)ANANDI LAL VERMA
2)SWASTI SAXENA
3)SUNITA RATTAN

(57) Abstract :
The present invention relates to a process for fabrication of highly sensitive vapor sensors for detection of nitrobenzene (NB) and chlorobenzene (CB) in vapor form from the nanocomposites prepared by non-covalent functionalization of carbon nanotubes (CNTs) with metaltetraphenylporphyrins (M-TPP). These nanocomposites were characterized by using FTIR, XRay diffraction, scanning and transmission electron microscopic techniques which suggest formation of nano-sized clusters of M-TPP around the f-MWNTs surface. The sensors made from Co-TPP, Cu-TPP and Fe-TPP show response time of few seconds on exposure to both the NB & CB vapors while the recovery time for NB is significantly different compared to CB. The significantly different recovery times and careful analysis of the data using principal component analysis leads to a device which is portable, low cost, reversible and very fast for selective detection of nitrobenzene and chlorobenzene chemicals in the vapor form.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/07/2014

(21) Application No.1784/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CLAMPING CONTACT FOR MAKING CONTACT WITH ELECTRICAL COMPONENTS

(51) International classification :H01R4/24
(31) Priority Document No :102013213108.9
(32) Priority Date :04/07/2013
(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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1)KUECHEN, Tobias
2)BAUER, Bertram
3)CZINEGE, Florian

(57) Abstract :
The present subject matter relates to clamping contact for making contact with electrical components (2, 3). This has a guide section (4) for positioning the clamping contact (1) in a first periphery (100), a first clamping jaw (5) and a second clamping jaw (6) for clamping at least one connection (21, 31) of an electrical component (2, 3) of the first periphery (100), and a spring contact region (7) for making electrical contact of a second electrical periphery (50), wherein the spring contact region (7) is configured to press the first clamping jaw (5) and the second clamping jaw (6) relative to each other, when the clamping contact (1) is disposed in the second periphery (50).

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2015

(21) Application No.2071/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CIRCUIT BREAKER SIGNALING SYSTEM FOR CONTROL OF AN ARC FAULT DETECTION SYSTEM

(51) International classification	:H01H33/26, H02H1/00
(31) Priority Document No	:13/593730
(32) Priority Date	:24/08/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/051189 :19/07/2013
(87) International Publication No	:WO 2014/031261
(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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1)SPANGENBERG Richard G.
2)LIPTAK Julius M.

(57) Abstract :
In an electrical distribution system an arc management system has a transducer 27 mounted in proximity to the circuit breaker 26 for detecting and signaling a secondary effect of an overcurrent event within the case 25 of the circuit breaker. The transducer provides an additional input to an arc fault detection system using other detectors and thus helps to control nuisance activations of the arc extinguishing mechanism. The system is particularly suited for circuit breakers without electronics or the like allowing for retrofit of existing systems. The system may monitor and act upon the excessive duration of the secondary effects.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2014

(21) Application No.2014/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AIR-GAS MIXER FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F02D19/02
(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)ANGADJI, Michael

(57) Abstract :
The present disclosure relates to an efficient, cost effective air-gas mixer for bi-fuel internal combustion engines operating on gaseous and liquid fuel that ensures optimum air-fuel ratio irrespective of fuel in use. The disclosure also provides for cost effective installation of disclosed air-gas mixer on two wheelers as part of CNG conversion kit.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2014

(21) Application No.2023/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHODS AND DEVICES FOR POSITIONING AND SECURING LIGAMENT GRAFTS

(51) International classification :A61F2/08,
(31) Priority Document No :61/847,900
(32) Priority Date :18/07/2013
(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 :**
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2)PATRICK BURKI
3)PHILIPPE GEDET
4)BEAT LECHMANN

(57) Abstract :
Methods and devices for positioning and securing ligament grafts are provided. In general, the devices and methods utilize an implant having a particular outer surface profile and a bone tunnel having a complementary profile to provide a form fit between the implant and bone that utilizes friction to position and secure a ligament graft within the bone. Such an implant can be used in conjunction with a variety of ligament grafts, including hamstring ligament grafts. In addition, an outside in • approach can be utilized with the implant to minimize the risk of damaging adjacent tissue during an operation and provide enhanced surgeon control. The devices and methods can be utilized in connection with repairing or replacing ligaments in a variety of joints, but can in some embodiments have particular utility in cruciate ligament reconstruction procedures.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2014

(21) Application No.2024/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A SYSTEM FOR NON-CONTACTABLY PERFORM MULTIPLE TESTS OF MAJOR OPERATING PARAMETERS OF TRANSFORMERS WITH ADJUSTABLE TEST SEQUENCE AND TEST LIMITS

(51) International classification :G01R31/302
(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 :**
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2)SANJEEV KUMAR SAINI
3)ANOOP KUMAR

(57) Abstract :
The present invention relates to a system for non-contactably perform multiple tests of major operating parameters of transformers with adjustable test sequence and test limits the current transformers each having at least a primary winding and a secondary winding, the system comprising: an alternating current (AC) power source configured to supply an AC signal; a variable AC voltage controller to generate a desired voltage; a switch coupled between a micro - controller and the transformer to switch power to the controller responsive to the control commands; a plurality of individual wires for connection to transformer terminals, an alphanumeric keyboard to change the imputed value of test parameters, an optional ampere meter for sine wave transformers to power the power backup systems, a display device, a visual indicator, a pneumatic linear movable fixture, a communication port, a data logger with input means, a biometric or password protection device, a RTC connected to the controller and a switch mode power supply with fixed DC voltage and current to measure such as but not limited to winding resistance and HV test of the transformers, wherein the system is enabled to create sequences by the user for testing a transformer and store these sequences for future use; select the testing limits of the transformer to be tested including the upper - lower limits of turns/ winding ratio, no load current of all windings on particular voltages, DC resistance of all windings, no-load factor, noload power consumption, ratio error and phase angle error in the steady state, errors in boundary conditions, and verification of the design for low leakage flux, and generate new transformer profile by assigning date relating to transformer capacity both lower and upper testing limits and the test sequence.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/03/2015

(21) Application No.2097/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A SOLAR ELEMENT COMPRISING RESONATOR FOR APPLICATION IN ENERGETICS

(51) International classification :H01L31/052
(31) Priority Document No :PV 2012636
(32) Priority Date :14/09/2012
(33) Name of priority country :Czech Republic
(86) International Application No :PCT/CZ2012/000105
Filing Date :22/10/2012
(87) International Publication No :WO 2014/040576
(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 :
A solar element including a basic resonator arranged on a dielectric structure that is constituted by an area (5) with minimum electromagnetic damping whose upper plane forms the plane of incidence (3). The area (5) with minimum electromagnetic damping is transparent in relation to the incident electromagnetic wave; the area is limited by the boundaries (6) of variations in material properties and at least one 2D 3D resonator (4) is surrounded by the dielectric (10) and configured in the dielectric structure. The area (5) with minimum electromagnetic damping is coupled with at least one other area (20) exhibiting a different resonance frequency of the basic resonator and the system is terminated either in the free space or by a solar element (system) intended to absorb the entire amount of the remaining energy provided by the incident electromagnetic wave.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2014

(21) Application No.10739/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TERMINATING FLOWER (TMF) GENE AND METHODS OF USE

(51) International classification :C12N15/82
(31) Priority Document No :61/662023
(32) Priority Date :20/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/046098
Filing Date :17/06/2013
(87) International Publication No :WO 2013/192081
(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)MACALISTER Cora A.

(57) Abstract :
Described herein are the following: isolated polynucleotides isolated polypeptides and recombinant DNA constructs; compositions (such as plants or seeds) comprising these recombinant DNA constructs; and methods of use for these recombinant DNA constructs. The recombinant DNA construct comprises a polynucleotide operably linked to a promoter that is functional in a plant wherein said polynucleotide encodes a polypeptide.

No. of Pages : 187 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2015

(21) Application No.1652/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A SUBMERGED FILTRATION SYSTEM AND WASTEWATER TREATMENT METHOD

(51) International classification	:C02F3/06, C02F3/00, C02F3/10
(31) Priority Document No	:2012/08804
(32) Priority Date	:27/07/2012
(33) Name of priority country	:Turkey
(86) International Application No Filing Date	:PCT/TR2013/000217 :15/07/2013
(87) International Publication No	:WO 2014/017990
(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)OZDEMIR YILDIZ Burcu Didem

(57) Abstract :
A submerged filter system (10) which separates the activated sludge and the permeate in the waste water with the cake filtration method by being adapted into a bioreactor (20) in a submerged position. The said submerged filter system (10) is characterized in that it comprises at least one filter group (12) that has a sludge cake (124) layer which separates the active sludge and the permeate physically and a cloth filter (123) which contributes to the filtration process by harboring the formation of the said sludge cake (124). The invention also comprises a wastewater treatment method employing the filter system (10).

No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2010

(21) Application No.1796/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : STATE SYNCHRONIZATION OF SERIAL DATA LINK SESSIONS CONNECTED ACROSS AN IP NETWORK

(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)JEAN-PHILIPPE VASSEUR
3)SHMUEL SHAFFER

(57) Abstract :
In one embodiment, a router maintains a communication session between a local terminal unit and a remote terminal unit, the local terminal unit interconnected to the router over a local serial data link, and the remote terminal unit interconnected to the router over an Internet Protocol (IP) session via a remote router and a corresponding remote serial data link. The router may then monitor a state of the local serial data link, and communicates this state with the remote router over the IP session, as well as a remote state of the remote serial data link. The router may then correspondingly control the state of the local serial data link to match the remote state of the remote serial data link.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2152/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PHARMACEUTICAL COMBINATIONS COMPRISING DUAL ANGIOPOIETIN 2 / DLL4 BINDERS AND ANTI VEGF R AGENTS

(51) International classification	:A61K39/395, A61P35/00, C07K16/22
(31) Priority Document No	:12186695.8
(32) Priority Date	:28/09/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/070143 :26/09/2013
(87) International Publication No	:WO 2014/049099
(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 :**
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2)BAUM Anke

(57) Abstract :
The present invention relates to pharmaceutical combinations comprising dual Angiopoietin 2 / Dll4 binders and anti VEGF Ragents for use in treating diseases like cancerandocular diseases.

No. of Pages : 98 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2153/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PLAYBACK SYNCHRONIZATION IN A GROUP VIEWING A MEDIA TITLE

(51) International classification :H04N21/262
(31) Priority Document No :13/631622
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/067779
Filing Date :31/10/2013
(87) International Publication No :WO 2014/052991
(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)DODSON Joseph
2)KHAN Mohammed A.

(57) Abstract :
A method and apparatus for synchronizing the playback of a media title to a group of client device platforms is disclosed. A synchronizer may make adjustments to the playback modes of one or more client device platforms within a group watching the same media title in order to ensure synchronized playback. When a client device platform is behind the group its playback mode may be changed to a fast playback mode. When a client device platform is ahead of the group its playback mode may be changed to a slow playback mode. It is emphasized that this abstract is provided to comply with the rules requiring an abstract that will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope or meaning of the claims.

No. of Pages : 27 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2014

(21) Application No.10559/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CLADOSPORIUM PEPTIDES

(51) International classification :C12N9/64, A61K39/35
(31) Priority Document No :1209862.0
(32) Priority Date :01/06/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/051440
Filing Date :30/05/2013
(87) International Publication No :WO 2013/179044
(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)HAFNER Roderick Peter
2)LAIDLER Paul
3)HICKEY Pascal
4)LARCHE Mark

(57) Abstract :
Polypeptides which may be used for preventing or treating allergy to moulds of the Cladosporium and/or Alternaria genus have up to 30 amino acids in length and comprise: (I) the amino acid sequence: (a) GGYKAAVRPTMLE (SEQ ID NO : 35; Cla35) (b) AE V YQKLK SLTKK (SEQ ID NO: 31; Clal6) (c) VAITYASRAQGAE (SEQ ID NO: 32; Cla25) (d) GHHFKERGTGSLVIT (SEQ ID NO: 33; Cla26) or (e) ANYTQTKTVSIRL (SEQ ID NO: 34; Cla29); or (II) a T cell epitope containing variant sequence which is a said amino acid sequence (I) having up to six amino acid modifications each of which is independently a deletion substitution or insertion.

No. of Pages : 68 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2015

(21) Application No.1591/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYNTHETIC PROPPANTS AND MONODISPERSED PROPPANTS AND METHODS OF MAKING THE SAME

(51) International classification :C09K8/80
(31) Priority Document No :61/678318
(32) Priority Date :01/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052203
Filing Date :26/07/2013
(87) International Publication No :WO 2014/022210
(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)SKALA Robert D.
2)FANG Christopher Y.
3)COKER Christopher E.

(57) Abstract :
Synthetic ceramic proppants are described. Proppants having a monodispersity of 3-sigma distribution or lower are also described including methods to make these proppants and methods of using these proppants.

No. of Pages : 161 No. of Claims : 169

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2014

(21) Application No.2019/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROTECTIVE BODY ARMOR EQUIPMENT COMPRISING LATERAL TIGHTENING MEANS •

(51) International classification :F41H 1/02
(31) Priority Document No :13 57141
(32) Priority Date :19/07/2013
(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

(71)**Name of Applicant :**
1)GK PROFESSIONAL
Address of Applicant :29-31, rue Etienne Marey, 75020 Paris, France, France
(72)**Name of Inventor :**
1)GEORGES KUMUCHIAN

(57) Abstract :
The protective equipment according to the invention comprises at least one back part (6) and at least one front part (4), the back part (6) comprising at least one rear side flap (12) and the front part (4) comprising at least one front side flap (14), said flaps (12, 14) being fastened to each other adjustably and defining a part between them for a passage (10) for the user's arm. One of the side flaps (12, 14) comprises at least one fastening point, to which a strap is fastened, the other flap (12, 14) comprising at least one loop, in which the strap is engaged, said loop forming a return element for returning the strap toward the fastening point such that the strap is arranged to ensure the fastening and tightening of the flaps (12, 14) relative to one another by pulling on a free end part of the strap engaged in the loop. Figure 2

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/03/2015

(21) Application No.2089/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HYALURONIC ACID BASED DRUG DELIVERY SYSTEMS

(51) International classification :A61K 31/505
(31) Priority Document No :61/697296
(32) Priority Date :06/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SG2013/000389
Filing Date :06/09/2013
(87) International Publication No :WO 2014/039012
(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)VENKATRAMAN Subramanian
2)HOWDEN Tina Tzee Ling
3)WIDJAJA Leonardus Kresna

(57) Abstract :
The present invention relates to novel hyaluronic acid (HA) hydrogels comprising vesicles loaded with a drug or a protein or a nucleic acid. The new HA hydrogels provide sustain release formulations that are useful for several clinical and surgical applications including but not limited to ophthalmology (e.g. glaucoma corneal ocular inflammatory vitreoretinal and medical retinal diseases) and dermatological conditions.

No. of Pages : 36 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2157/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ORAL CARE IMPLEMENT

(51) International classification :A47L 13/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/062127
Filing Date :26/10/2012
(87) International Publication No :WO 2014/065817
(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)COLGATE PALMOLIVE COMPANY
Address of Applicant :300 Park Avenue New York New York 10022 U.S.A.
(72)**Name of Inventor :**
1)WORTHINGTON Brian G.
2)KENNEDY Sharon
3)JIMENEZ Eduardo

(57) Abstract :
An oral care implement having an internal reservoir and improved leakage prevention. In one embodiment the invention can be a toothbrush comprising: a handle (110) comprising an internal reservoir (140); a head coupled to the handle; an annular neck (180) extending from the handle the annular neck having an inner surface (181) defining a passageway (182) into the internal reservoir; an end cap (150) comprising: a cap body (160) defining a cap socket (161) and comprising an annular wall (162) and an end portion (163); an annular plug wall (170) defining a central chamber (173) the annular plug wall protruding from the end portion into a cap socket to form an annular chamber (165) between an outer surface (172) of the annular plug wall and an inner surface (166) of the annular wall; and a first annular seal member (190) protruding from the outer surface of the annular plug wall; and the end cap coupled to the handle to seal the passageway in a fluid tight manner.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2014

(21) Application No.10212/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITION COMPRISING A BIOLOGICAL CONTROL AGENT AND A FUNGICIDE SELECTED FROM INHIBITORS OF THE LIPID MEMBRANE SYNTHESIS THE MELANINE BIOSYNTHESIS THE NUCLEIC ACID SYNTHESIS OR THE SIGNAL TRANSDUCTION

(51) International classification :A01N 63/00
(31) Priority Document No :12004160.3
(32) Priority Date :30/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/061020
Filing Date :29/05/2013
(87) International Publication No :WO 2013/178655
(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)WACHENDORFF NEUMANN Ulrike
2)ANDERSCH Wolfram
3)STENZEL Klaus
4)SPRINGER Bernd

(57) Abstract :
The present invention relates to a composition comprising at least one biological control agent selected from the group consisting of Bacillus chitinosporus AQ746 (NRRL Accession No. 8-21 618), Bacillus mycoides AQ726 (NRRL Accession No. B-21664), Bacillus pumilus (NRRL Accession No. B-30087), Bacillus pumllus AQ717 (NRRL Accession No. B-21662), Bacillus sp. AQ175 (ATCC Accession No. 55608), Bacillus sp. AQ177 (ATCC Accession No. 55609), Bacillus sp. AQ178 (ATCC Ac cession No. 53522), Bacillus subtilis AQ743 (NRRL Accession No. B-21665), Bacillus subtilis AG713 (NRRL Accession No, B- 21661), Bacillus subtilis AQ153 (ATCC Accession No. 55614), Bacillus thurlngiensls BD#32 (NRRL Accession No. B-21 530), Bacillus thurlngiensls AQ52 (NRRL Accession No. B-21 619), Muscodor albus 620 (NRRL Accession No. 30547), Muscodor roseus A3-5 (NRRL Accession No. 30548), Rhodococcus globerulus AQ719 (NRRL Accession No. B-21663), Streptomyces galbus (NRRL Accession No, 30232), Streptomyces sp. (NRRL Accession No. B-30145), Bacillus thurlngiensls subspec. kurstaki BMP 123, Bacillus subtilis AQ30002 (NRRL Accession No. B-50421), and Bacillus subtilis AQ 30004 (NRRL Accession No. B-50455) and/or a mutant of these strains having all the identifying characteristics of the respective strain, and/or a metabolite produced by the respective strain that exhibits activity against insects, mites, nematodes and/or phytopathogens and at least one fungicide (I) selected from the group consisting of inhibitors of the lipid membrane synthesis, inhibitors of the melamne biosynthesis, inhibitors of the nucleic acid synthesis, inhibitors of the signal transduction and compounds capable to act as an uncoupler in a synergistically effective amount. Furthermore, the present invention relates to the use of this composition as well as a method for reducing overall damage of plants and plant parts.

No. of Pages : 86 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2010

(21) Application No.2041/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INTEGRATED POWER AND OIL SUPPLY DEVICE OF SEWING MACHINE

(51) International classification :B41D
(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)KAULIN MFG. CO. LIMITED
Address of Applicant :11F, NO. 128, SEC. 3, MIN-SHEN E. RD., TAIPEI, TAIWAN (R.O.C) Taiwan
(72)**Name of Inventor :**
1)LIN, PEI-CHIA

(57) Abstract :
In an integrated power and oil supply device of a sewing machine 8, the sewing machine 8 includes a machine body 81 and a main shaft 82 passed into the machine body 81. The integrated device includes a motor 10 mounted onto the machine body 81 and having a driving shaft 13 protruded from the motor 10, a connecting shaft sleeve 20 sheathed on the driving shaft 13 and the main shaft 82, and an oil pump 30. The main shaft 82 is rotated by the motor 10 through the connecting shaft sleeve 20; a spiral line 22 is formed at the external periphery of the connecting shaft sleeve 20; and the oil pump 30 is fixed to the machine body 81 and at a position corresponding to the connecting shaft sleeve 20 and includes a transmission shaft 31, and an end of the transmission shaft 31 is connected to a worm gear 32 engaged with the spiral line 22 for the transmission, so as to reduce the component cost and simplify the assembling procedure.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.2180/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification :A61F 13/15
(31) Priority Document No :2012218980
(32) Priority Date :30/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/075180
Filing Date :18/09/2013
(87) International Publication No :WO 2014/050666
(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)UDA Masashi

(57) Abstract :
The present invention addresses the problem of providing an absorbent article that has an improved ability to transfer menstrual blood from a top sheet to an absorbent body and can reduce the amount of the menstrual blood remaining in the top sheet. Provided is an absorbent article (1) provided with a liquid permeable top sheet (2) a liquid impermeable back sheet (8) and an absorbent body (3) that is interposed between the top sheet (2) and the back sheet (8) said top sheet (2) comprising a non woven fabric having multiple convex portions and multiple concave portions wherein: the individual convex portions and concave portions contain a blood lubricity imparting agent that has a kinetic viscosity of 0.01 80 mm/s at 40°C a water retention rate of 0.01 4.0 mass% and a weight average molecular weight of less than 1 000; the amount of the blood lubricity imparting agent at the top (9) of the convex portions is larger than the amount thereof in the parts other than the top (9) of the convex portions; and the amount of the blood lubricity imparting agent at the bottom (10) of the concave portions is larger than the amount thereof in the parts other than the bottom (10) of the concave portions.

No. of Pages : 99 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10925/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROTECTIVE SOLUTION FOR PREVENTING OR REDUCING REPERFUSION INJURY OF THE BRAIN AND THE WHOLE BODY

(51) International classification :A61K38/38,A61P9/10
(31) Priority Document No :13175243.8
(32) Priority Date :05/07/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/063905
Filing Date :01/07/2014
(87) International Publication No :WO 2015/000871
(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 :Rotteckring 4 79098 Freiburg Germany
(72)**Name of Inventor :**
1)BENK Christoph
2)BEYERSDORF Friedhelm
3)TRUMMER Georg

(57) Abstract :
The present invention relates to a protective solution for preventing or reducing reperfusion injury of the brain which contains magnesium ions and which has an osmolality of 350 to 600 mOsm/L, a pH value of 6.8 to 7.8 and albumin in an amount of 1 to 20 % by weight.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10926/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR CULTIVATING CORDYCEPS INDOORS

(51) International classification :A01G1/04
(31) Priority Document No :201310293598.3
(32) Priority Date :12/07/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/080072
Filing Date :17/06/2014
(87) International Publication No :WO 2015/003548
(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)CHONGQING ACADEMY OF CHINESE MATERIA MEDICA
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(72)**Name of Inventor :**
1)LIU Fei

(57) Abstract :
Disclosed i s a method for cultivating cordyceps indoors, comprising an egg stage, a larva-rearing stage and a cordyceps-harvesting stage. The technical key lies in that, during the whole larva-rearing stage or after stage 2 to 4 , each single larva is cultivated in isolation; and during the larva-rearing stage, strains are infected with any one of ascospores, conidia and mycoderma of cordyceps or a mixed strain material thereof. The method solves the problem of contaminated larvae killing each other and infecting each other with diseases during growth and development by controlling the air cleanliness, temperature and humidity conditions in doors and cultivating each single contaminated larva in isolation. The method does not require placing the contaminated larvae in the wild, and interference : from an external environment is small during the entire cordyceps rearing stage. The spore germination stage of cordyceps in the method is performed in a cordyceps culturing plate, and temperature control, humidity control and the like can all be performed under artificial conditions, which i s suitable for large-scale production.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10927/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VOLASERTIB IN COMBINATION WITH DECITABINE FOR THE TREATMENT OF ACUTE MYELOID LEUKEMIA AND MYELODYSPLASTIC SYNDROME II

(51) International classification	:A61K31/519,A61K31/7068,A61K45/06
(31) Priority Document No	:61/858802
(32) Priority Date	:26/07/2013
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2014/065937 :24/07/2014
(87) International Publication No	:WO 2015/011234
(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)BOEHRINGER INGELHEIM INTERNATIONAL GMBH
Address of Applicant :Binger Strae 173 55216 Ingelheim am Rhein Germany
(72)**Name of Inventor :**
1)RUDOLPH Dorothea
2)TAUBE Tillmann

(57) Abstract :
The present invention relates to the use of Volasertib or a salt thereof or the hydrate thereof in combination with Decitabine or a salt thereof or the hydrate thereof for treating patients suffering from acute myeloid leukemia (AML) or myelodysplastic syndrome (MDS).

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10928/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CULTURE METHOD FOR NATURAL SPECIES REJUVENATION OF ARTIFICIALLY BRED CORDYCEPS HOST INSECT

(51) International classification :A01K67/033
(31) Priority Document No :201310292203.8
(32) Priority Date :12/07/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/080066
Filing Date :17/06/2014
(87) International Publication No :WO 2015/003546
(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)CHONGQING ACADEMY OF CHINESE MATERIA MEDICA
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(72)**Name of Inventor :**
1)LIU Fei

(57) Abstract :
Disclosed is a culture method for natural species rejuvenation of an artificially bredcordyceps host insect and a technical solution of recycling a cordyceps host again after rejuvenated nurturing of one generation by placing the host in the wild. The key technique of the culture method for natural species rejuvenation of an artificially bred cordyceps host insect lies in that stage 2 to 4 artificially bred cordyceps host larvae are placed in and cultured in the native environment of the cordyceps host larvae until eclosion. The culture comprises two stages, namely, a transition period for adapting to the wild environment and a natural species exercise period. The present invention can effectively solve the problem of natural species degeneration of multi-generations of artifidaily bred cordyceps host insects.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.2200/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : THERMO MECHANICAL PROCESSING OF NICKEL TITANIUM ALLOYS

(51) International classification :C22C
(31) Priority Document No :13/843748
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/018846
Filing Date :27/02/2014
(87) International Publication No :WO 2014/189580
(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)VAN DOREN Brian
2)SCHLEGEL Scott
3)WISSMAN Joseph

(57) Abstract :
Processes for the production of nickel titanium mill products are disclosed. A nickel titanium alloy workpiece is cold worked at a temperature less than 500 C. The cold worked nickel titanium alloy workpiece is hot isostatic pressed (HIP ed).

No. of Pages : 58 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.11120/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BENZOPYRYLIUM COMPOUNDS

(51) International classification :C07D 405/06
(31) Priority Document No :61/693918
(32) Priority Date :28/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/055639
Filing Date :20/08/2013
(87) International Publication No :WO 2014/035712
(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)HERMANSON Greg
2)CZERNEY Peter T.
3)DESAI Surbhi
4)WENZEL Matthias S.
5)LEHMANN Frank G.
6)NLEND Marie Christine

(57) Abstract :
Compounds used as labels with properties comparable to known fluorescent compounds. The compounds are conjugated to proteins and nucleic acids for biological imaging and analysis. Synthesis of the compounds formation and use of the conjugated compounds and specific non limiting examples of each are provided.

No. of Pages : 297 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2015

(21) Application No.1905/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITION FOR MANUFACTURING FLAME RETARDANT HARD URETHANE FOAM AND METHOD FOR MANUFACTURING FLAME RETARDANT HARD URETHANE FOAM USING SAID COMPOSITION

(51) International classification :C08J5/124
(31) Priority Document No :2012202839
(32) Priority Date :14/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/074929
Filing Date :13/09/2013
(87) International Publication No :WO 2014/042255
(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)FUJIWARA Hiroshi
2)KISO Hiroyuki
3)MIYAGAWA Yasumichi

(57) Abstract :
Provided is a composition for manufacturing a flame retardant hard urethane foam that uses a small amount of flame retardant and a method for manufacturing a flame retardant hard urethane foam with an oxygen index of 32% or higher in which the composition is used. The present invention contains a polyol (A) a catalyst (B) a foaming agent (C) a foam stabilizer (D) and a flame retardant (E). The catalyst (B) is an aqueous solution containing more than 50% by weight of a quaternary ammonium salt expressed by general formula (1); and the flame retardant (E) content is 120 parts by weight or less per 100 parts by weight of the polyol (A) (R to R represent a C aliphatic hydrocarbon group or a C aromatic hydrocarbon group; X represents an acidic group; a represents 1 to 3; and b represents 1 to 3).

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2015

(21) Application No.1973/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : POWER PLANT CONTROL DURING A LOW VOLTAGE OR A HIGH VOLTAGE EVENT

(51) International classification :H02J3/38
(31) Priority Document No :PA 2012 70568
(32) Priority Date :14/09/2012
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2013/050271
Filing Date :22/08/2013
(87) International Publication No :WO 2014/040600
(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)VESTAS WIND SYSTEMS A/S
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(72)**Name of Inventor :**
1)GARCIA Jorge Martinez
2)WEI Mu
3)NAYEBI Kouroush

(57) Abstract :
The present invention relates to a method for controlling a wind power plant comprising one or more wind turbine generator(s) connected to an electrical grid and a power plant controller having an operational mode controlling electrical parameters wherein the method comprises determining a first voltage level of one or more wind turbine generator(s) determining if the first voltage level of one or more wind turbine generator(s) is outside a first predetermined range in case the first voltage level of one or more wind turbine generator(s) is outside a first predetermined range then changing the operational mode of the power plant controller between first and second operational modes the first operational mode controlling a first electrical parameter the second operational mode controlling a second electrical parameter the first and second parameters being different. The present invention also relates to a power plant controller and a wind power plant operated according to the method.

No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.2259/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITION FOR OPTICAL MATERIAL, AND METHOD FOR PRODUCING SAME

(51) International classification :C08G 18/76
(31) Priority Document No :2012198428
(32) Priority Date :10/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/074029
Filing Date :06/09/2013
(87) International Publication No :WO 2014/038654
(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)OKADA Hiroyuki
2)HORIKOSHI ,Hiroshi
3)KOSHIISHI Eiji
4)KAMURA Teruo

(57) Abstract :
According to the present invention , a composition for an optical material which comprises (a) a compound having two -epithiopropyl groups and having a specific structure (b) a compound having one - epithiopropyl group and one glycidyl group and having a specific structure , (c) polyisocyanate and (d) polythiol enables the prevention of the occurrence of such a defect that peeling traces linger on a lens. In the composition for an optical material according to the present invention , an embodiment in which (e) sulfur is additionally contained is preferred. Another embodiment of the present invention is a method for producing an optical material , characterized by adding an onium salt as a polymerization catalyst to the composition for an optical material in an amount of 0.0001 to 10 mass% relative to the total amount of the compound (a) the compound (b), polyisocyanate (c) and polythiol (d) and then polymerizing and curing the resultant mixture.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2014

(21) Application No.10207/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR TIME OF FLIGHT NEUTRON INTERROGATION FOR MATERIAL DESCRIMINATION

(51) International classification :H01J 47/12
(31) Priority Document No :61/654656
(32) Priority Date :01/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/043801
Filing Date :31/05/2013
(87) International Publication No :WO 2013/181646
(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)BENDAHAN Joseph
2)SOLOVYEN Vladimir

(57) Abstract :
The present invention provides a Time of Flight based neutron inspection system. The system employs a collimated beam of fast neutrons for targeted interrogation of suspect areas in cargo. Elemental composition is determined as a function of depth. Analysis is then used to determine the presence of contraband. The system may be used for secondary inspection for material discrimination to reduce false alarm rate and high cost and time associated with manual unpacking.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2015

(21) Application No.1284/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR MANUFACTURING A MIRROR WITH NO COPPER LAYER

(51) International classification :C23C18/16
(31) Priority Document No :BE 2012/0612
(32) Priority Date :17/09/2012
(33) Name of priority country :Belgium
(86) International Application No :PCT/EP2013/068054
Filing Date :02/09/2013
(87) International Publication No :WO 2014/040870
(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)PIETERS Ronny
2)ATTOUT Anne

(57) Abstract :
The invention relates to a method for manufacturing a mirror with no copper layer comprising a step of passivation of the silver layer with at least one passivation solution comprising bismuth ions.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2015
(21) Application No.2035/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A BEVERAGE CAPSULE WITH SPRAYING PREVENTION MEANS

(51) International classification :B65D 85/804
(31) Priority Document No :12187344.2
(32) Priority Date :05/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/070718
Filing Date :04/10/2013
(87) International Publication No :WO 2014/053638
(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)NESTEC S.A.
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(72)**Name of Inventor :**
1)TALON Christian

(57) Abstract :
The present invention concerns a beverage capsule (300) comprising a capsule body (301) defining a cavity (302) in communication an open end (304) an injection wall (303) enclosing the cavity (302) a partition dividing the cavity (302) into an injection space (306) and a product space (307) which has at least one channel (311) configured to retard fluid flow between the two spaces a rupturing means (309) within said injection space (306) configured to rupture said injection wall when deflected into said cavity (302) and a quantity of a beverage ingredient (308) within said product space (307); characterized in that it comprises a sealing support (312) disposed about said rupturing means (309) projecting from said partition (305) towards said injection wall (303) having a sealing surface (313) proximal to said injection wall (303) and configured to contact said injection wall (303) when it is deflected into said cavity (302) of said capsule body (301).

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2172/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROGRESSIVE IMAGE RENDERING UTILIZING DATA URI ENHANCEMENTS

(51) International classification :G06F 17/00
(31) Priority Document No :13/625667
(32) Priority Date :24/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060959
Filing Date :20/09/2013
(87) International Publication No :WO 2014/047458
(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)HAYDEN Andrew

(57) Abstract :
Architectures and techniques for providing an initial portion of media content of a network site to a user equipment. One technique includes embedding an initial portion of the media content within hypertext markup language (HTML) for displaying a page of the network site. A uniform resource identifier (URI) is embedded within the HTML for displaying the page of the network site that includes the media content where the URI indicates a location of the media content. The HTML including the initial portion of the media content and the URI is provided to the user equipment for displaying the page of the network site that includes the media content on the user equipment.

No. of Pages : 27 No. of Claims : 15

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

(21) Application No.2390/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PHOTOVOLTAIC DEVICE AND METHOD OF MANUFACTURING THE SAME

(51) International classification :H01L
(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)MOSER BAER INDIA LIMITED
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(72)**Name of Inventor :**
1)IVAN SAHA

(57) Abstract :
A method of manufacturing a photovoltaic device is provided. The method includes providing an extrinsic semiconductor substrate having a sun facing first planar surface and a second planar surface at the back of the first planar surface, and one or more edge surfaces. Thereafter, an extrinsic semiconductor layer is formed on each surface of the extrinsic semiconductor substrate. The doping polarity of the extrinsic semiconductor substrate and the extrinsic semiconductor layer are complementary to each other. Further, an first electrically conducting layer is formed on the semiconductor layer formed above the first planar surface and an electrically conducting layer is formed on the semiconductor layer on the second planar surface. Thereafter, a groove is created on the electrically conduction layer. The groove is created proximal to the edge surface.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10934/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PRODUCING ALGAL BIOMASS AND PRODUCTS FROM ORGANIC SOLID MATERIAL

(51) International classification :C02F3/32
(31) Priority Document No :61/829311
(32) Priority Date :31/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/040180
Filing Date :30/05/2014
(87) International Publication No :WO 2014/194174
(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)JU Lu Kwang
2)LI Cong
3)XIAO Suo

(57) Abstract :
A method for treating solid organic materials includes providing phagotrophic algae, providing solid organic material, combining the algae and the solid organic material, allowing the algae to grow by engulfing or uptaking the solid organic material, forming an algal product, and collecting the algal product. The method can also include a pretreatment step. The solid organic material can be waste activated sludge. A system for treating and disposing solid organic material is also provided.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2013

(21) Application No.1505/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DEVICE TO DEVICE COMMUNICATION

(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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(72)**Name of Inventor :**
1)MURALIDHAR, Anand
2)SUBRAMANIAN, Jayashree
3)KANUGOVI, Satish

(57) Abstract :
Method(s) and system(s) for device to device discovery are disclosed. The method comprises, receiving a service request from a service availing device (102) seeking to avail at least one service, wherein the service request indicates the at least one service. The method further comprises providing a link message to the service availing device (102) and at least one service offering device (102) associated with the at least one service, based on the service request, for initiating device discovery to establish a D2D link for availing the at least one service.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2013

(21) Application No.1506/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : REBUILDING DYNAMIC HOST CONFIGURATION PROTOCOL (DHCP) SESSION INFORMATION

(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 :**
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(72)**Name of Inventor :**
1)PADMANABHAN, Sowrirajan
2)RAJAMANICKAM, Thirumurthy

(57) Abstract :
System(s) and method(s) for rebuilding Dynamic Host Configuration Protocol (DHCP) session information at an access node are described. According to the present subject matter, the system(s) implement the described method(s) for rebuilding DHCP session information at the access node. The method includes receiving a Link Layer Discovery Protocol (LLDP) message from a client device, wherein the LLDP message comprises a DHCP client information associated with the client device. The method also includes authenticating a DHCP session information comprising the DHCP client information, associated with the client device. The method further includes updating a mapping of DHCP session information with the DHCP session information based on the authenticating.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2015

(21) Application No.1987/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A SYSTEM AND APPARATUS FOR PROVIDING AND MANAGING ELECTRICITY

(51) International classification :G01R 21/00
(31) Priority Document No :61/691786
(32) Priority Date :21/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/056068
Filing Date :21/08/2013
(87) International Publication No :WO 2014/031798
(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)AMELIO Alfonso
2)AMELIO Paul
3)KATZ David

(57) Abstract :
A system and device for providing power to and monitoring the energy usage of a device connected thereto includes a unit having one or more circuit boards having components for detecting the energy usage of the connected device and an interface for electrically connecting to the device. The unit communicates with a coordinator regarding the connected device or the state of the unit itself. Depending on the communication received from the unit the coordinator relays the received data to a server and awaits instruction or immediately commands the unit to take a certain action. If the server receives data from the coordinator it sends such data to a remote server saves it generate reports based thereon and/or alerts a user regarding same. The user can choose to send a command to the unit or device through the system.

No. of Pages : 66 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.2495/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HOT DIP GALVANNEALED SHEET STEEL AND METHOD OF PRODUCTION OF THE SAME

(51) International classification :C22B
(31) Priority Document No :2005-121831
(32) Priority Date :20/04/2005
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2006/308369
Filing Date :14/04/2006
(87) International Publication No :WO 2008/112515
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7995/DELNP/2007
Filed on :16/10/2007

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(72)**Name of Inventor :**
1)Kiyokazu ISHIZUKA
2)Kazumi NISHIMURA
3)Ikuo KIKUCHI
4)Akihiro MIYASAKA

(57) Abstract :
The present invention has as its object to provide hot dip galvannealed steel sheet and method of production of the same using an ultra-low carbon steel sheet excellent in corrosion resistance, workability, and coatability as a sheet material and a method of production of the same. Further, the present invention has as its object the provision of a hot dip galvannealed steel sheet extremely excellent in appearance. It provides a hot dip galvannealed steel sheet excellent in corrosion resistance, workability, and coatability comprised of an ultra-low carbon steel sheet having on at least one surface a plating layer comprised of, by mass%, Fe: 8 to 13%, Ni: 0.05 to 1.0%, A1: 0.15 to 1.5%, and a balance of Zn and unavoidable impurities, having a ratio of A1/Ni of 0.5 to 5.0, having an average thickness of layer of the base iron boundary of 1 μm or less, and having a variation of the same of +0.3 μm or less. [FIG.1]

No. of Pages : 36 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2014

(21) Application No.1648/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SELECTIVE ENCRYPTION OF DATA PACKETS

(51) International classification :H04L29/06
(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 : 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)JASH, Shaswata
2)NANDAN, Amar

(57) Abstract :
An encryption system (202) for selective encryption of data packets is described. The encryption system (202) includes a processor (204) and an analysis module (216) coupled to the processor (204). The analysis module (216) analyzes, at a lower level layer of a communication protocol, data packets to be transmitted to another device using the communication protocol, to determine if the data packets have been encrypted at an upper level layer of the communication protocol. The analysis module (216) further determines whether the data packets have to be encrypted at a lower level layer based at least on the analyzing.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.2217/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND DEVICE FOR ISSUING RESERVATION NUMBER THROUGH SHORT RANGE WIRELESS COMMUNICATION

(51) International classification	:G06Q10/06, G06Q10/02, G06Q30/02, G06Q
(31) Priority Document No	:1020120093293
(32) Priority Date	:24/08/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/007601 :23/08/2013
(87) International Publication No	:WO 2014/030979
(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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(72)**Name of Inventor :**
1)KIM Ho dong
2)MOON Bo seok
3)JUNG Hee won

(57) Abstract :
Provided is a service information providing method of a user terminal. The method includes: transmitting a service information request including user information of the user terminal to a service providing terminal through short range wireless communication; receiving service information corresponding to the service information request and additional information according to the user information in the service information request from the service providing terminal; and displaying the received service information and additional information.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.2218/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LOW ENERGY SHORT RANGE COMMUNICATION FUNCTION OPERATION METHOD AND APPARATUS OF MOBILE TERMINAL

(51) International classification :H04W52/02
(31) Priority Document No :1020120109406
(32) Priority Date :28/09/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/008769
Filing Date :30/09/2013
(87) International Publication No :WO 2014/051411
(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)HEO Changryong
2)PARK Kenhyung
3)SHIN Hyunseok
4)KIM Hyunsoo

(57) Abstract :
The mobile terminal supporting low energy short range communication function includes a low energy short range communication unit; a switching unit configured to receive low energy communication data from the low energy short range communication unit and outputs the low energy communication data; a first processor configured to receive the low energy communication data received from the low energy short range communication unit via the switching unit; and a second processor configured to receive the low energy communication data received from the low energy short range communication unit via the switching unit wherein the second processor is configured to receive operation state information from the first processor; and control when the operation state information is received the switching unit to relay the low energy communication data to one of the first and second processors based on the operation state information.

No. of Pages : 50 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2009

(21) Application No.2438/DEL/2009 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A PROCESS FOR COMPRESSION OF SURVEILLANCE VIDEO DATA FOR LONG STORANGE IN SMALLER STORAGE MEDIUM

(51) International classification :G08B
(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)K S VENKATESH
2)DURGA PRASAD KETHINEEDI

(57) Abstract :
The known surveillance systems have fixed cameras, which allows us to maintain a static background. The background can be modeled by adapting any of the known background generation algorithms. There are various background subtraction algorithms using different feature sets to differentiate between a background (BG) and a foreground (FG).

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2013

(21) Application No.2583/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AZIDO NUCLEOSIDES AND NUCLEOTIDE ANALOGS

(51) International classification	:C07H19/04,C07H19/06,C07H19/056
(31) Priority Document No	:61/385441
(32) Priority Date	:22/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/052217 :19/09/2011
(87) International Publication No	:WO 2012/040124
(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)BEIGELMAN Leonid
2)DEVAL Jerome
3)SMITH David Bernard
4)WANG Guangyi
5)RAJWANSHI Vivek Kumar

(57) Abstract :
Disclosed herein are nucleosides nucleotides and analogs thereof pharmaceutical compositions that include one or more of nucleosides nucleotides and analogs thereof and methods of synthesizing the same. Also disclosed herein are methods of ameliorating and/or treating a disease and/or a condition including an infection from a paramyxovirus and/or an orthomyxovirus with a nucleoside a nucleotide and an analog thereof. Examples of viral infections include a respiratory syncytial viral (RSV) and influenza infection.

No. of Pages : 182 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2014

(21) Application No.10873/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VACUUM PUMP

(51) International classification :F04C19/00
(31) Priority Document No :2012115804
(32) Priority Date :21/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/064113
Filing Date :21/05/2013
(87) International Publication No :WO 2013/176143
(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)TANAKA Katsunori

(57) Abstract :
The present invention prevents deterioration of the durability of a vacuum pump by suppressing wearing of a rotor and a side plate. This vacuum pump is equipped with a hollow cylinder chamber (S) that has an opening at one end of a casing body (22) a rotor (27) that is driven to rotate inside the cylinder chamber (S) a side plate (26) that closes the opening of the cylinder chamber (S) and a pump cover (24) that is provided on the opposite side of the rotor (27) across the side plate (26) and fixed to the casing body (22). The side plate (26) is provided with a connection hole (261) that faces a shaft hole (27A) of the rotor (27) and connects to a space (80) that is formed between the side plate (26) and the pump cover (24).

No. of Pages : 55 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2010
(21) Application No.2543/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A WATER SERVICE PROJECT SYSTEM FOR CONVERTING SEAWATER INTO DRINKING WATER USING THE QUANTUM COMPUTERS WITH PIGMENTS

(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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1)SATOSHI MORI

(57) Abstract :
In the whole world one third of land is covered by water. Seawater forms a major portion. The Increasing need of water prompted us to experiment with seawater to look for a solution for safe drinking water. The need of the hour is a method to convert, the seawater into human usable form. The Water Service Project system will not use any of the traditional methods but it will be a combination of the ongoing method along with research going on research ship equipped with the latest PALACE (Profiling Autonomous Lagrangian Circulation Explorer) and a high tech radar system using the quantum computer with pigment as apparatus. The unmanned float will analyze not only material recycling of particles that settle down in ocean, but also be able to predict Di Pole Mode Phenomenon. The quantum computer is a device for computation to perform operations on data. A quantum computer maintains a sequence of qubits. A single qubit can represent a one, a zero, or, crucially, any quantum superposition of these. It provides a very simple model which captures all of the power of quantum computation. The quantum computers offer a polynomial speedup for some problems. The means of research for physical flow is Numerical Model They use the Water tank for drinking water made of acrylic board are to be constructed. The vacuum technology is used to maintain the quality of water produced.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2015
(21) Application No.2543/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ORGANIC COMPOUNDS

(51) International classification :C07D487/14
(31) Priority Document No :1218904.9
(32) Priority Date :22/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/072065
Filing Date :22/10/2013
(87) International Publication No :WO 2014/064101
(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 :Chemin de la Perfumerie 5, CH- 1214 Vernier Switzerland
(72)**Name of Inventor :**
1)BIERI ,Stephan
2)GRANIER ,Thierry

(57) Abstract :
The use of alcohols of formula (I) wherein X is selected from hydroxyl and C1- C6 hydroxyalkyl; III) n is an integer from 6 to 10, and R is selected from hydrogen and methyl; or IV) n is 0 or 1, and R is selected from branched C3- C6 alkyl and C5- C6 cycloalkyi; with the proviso that the compound of formula (I) contains 11 to15 carbon atoms. for the reduction of the sensory perception of malodour.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2015

(21) Application No.2614/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BIOMETRIC AUTHENTICATION IN CONNECTION WITH CAMERA- EQUIPPED DEVICES

(51) International classification :H04L29/06
(31) Priority Document No :61/696820
(32) Priority Date :05/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/058343
Filing Date :05/09/2013
(87) International Publication No :WO 2014/039732
(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)LECUN ,Yann
2)PEROLD ,Adam
3)WANG ,Yang
4)WAGHMARE, Sagar

(57) Abstract :
The present invention relates generally to the use of biometric technology for authentication and identification , and more particularly to non- contact based solutions for authenticating and identifying users , via computers , such as mobile devices , to selectively permit or deny access to various resources. In the present invention authentication and/or identification is performed using an image or a set of images of an individual 's palm through a process involving the following key steps: (1) detecting the palm area using local classifiers; (2) extracting features from the region(s) of interest; and (3) computing the matching score against user models stored in a database which can be augmented dynamically through a learning process.

No. of Pages : 33 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2014

(21) Application No.10542/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SELECTION OF UPLINK CONTROL TRANSMISSION FORMAT PARAMETERS BASED ON CONTENT OF THE UPLINK CONTROL TRANSMISSION

(51) International classification :H04J11/0053
(31) Priority Document No :61/646071
(32) Priority Date :11/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/053809
Filing Date :10/05/2013
(87) International Publication No :WO 2013/168140
(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)SORRENTINO Stefano
2)LARSSON Daniel
3)FRENNE Mattias

(57) Abstract :
Systems and methods for transmitting uplink control signals in a cellular communications network are disclosed. In one embodiment a wireless device configured to operate in a cellular communications network includes a radio subsystem and a processing subsystem. The processing subsystem selects a value for at least one parameter for an uplink control channel format based on content to be transmitted in an uplink control channel transmission according to the uplink control channel format. The processing subsystem then transmits via the radio subsystem the content in an uplink control channel transmission according to the uplink control channel format and the value for the at least one parameter for the uplink control channel format selected based on the content.

No. of Pages : 66 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2010

(21) Application No.1864/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TURBINE STAGE

(51) International classification :B41D
(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)BENJAMIN MEGERLE
2)THOMAS MOKULYS
3)SAID HAVEKECHIAN

(57) Abstract :
The invention relates to a turbine stage comprising a circumferentially distributed row of adjacent airfoils (10) between which there is a flow passage (18). The passage (18) has a surface, which in its unmodified form defines a datum plane (DR). A channel (30), located in the passage (18), extends in the direction of an airfoil 10 pressure face 14 from a point towards a leading edge line (20) to a point towards a trailing edge line (22). The channel (30) consists of two channel walls (32) angled relative to a datum plane (DR). Relative to the datum plane (DR), it has a low point (LP), two high points (HP), and a channel height (CH) measured between the low point (LP) and highest of the high points (HP). The channel (30) provides a means to reduce secondary flow losses.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2146/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR PREPARING THERAPEUTIC NANOPARTICLES

(51) International classification :A61K9/18,
(31) Priority Document No :61/702037
(32) Priority Date :17/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059936
Filing Date :16/09/2013
(87) International Publication No :WO 2014/043618
(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)DEWITT David
4)VAN GEEN HOVEN Christina
5)TROIANO Greg
6)WRIGHT James
7)SONG Young Ho
8)WANG Hong

(57) Abstract :
The present disclosure generally relates to a process for preparing therapeutic nanoparticles where the process includes combining a therapeutic agent with an organic acid. The therapeutic nanoparticles may have for example improved drug loading and/or drug release properties.

No. of Pages : 79 No. of Claims : 112

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2015

(21) Application No.2581/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SUBSTITUTED TRIAZOLES AS HERBICIDES

(51) International classification :C07D 249/06
(31) Priority Document No :61/719166
(32) Priority Date :26/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/065663
Filing Date :18/10/2013
(87) International Publication No :WO 2014/066164
(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)STEVENSON Thomas Martin

(57) Abstract :
Disclosed are compounds of Formula 1 , including all stereoisomers, N- oxides, and salts thereof , wherein A, R1, Q and J are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula 1 and methods for controlling undesired vegetation comprising contacting the undesired vegetation or its environment with an effective amount of a compound or a composition of the invention.

No. of Pages : 178 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2014

(21) Application No.2657/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELECTROSURGICAL MEDICAL DEVICE WITH POWER MODULATION

(51) International classification :A61B18/04
(31) Priority Document No :14/038827
(32) Priority Date :27/09/2013
(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)ZIKORUS, Arthur Wayne
2)MIRIZZI, Michael Stephan

(57) Abstract :
An electrosurgical ablation device provides pulse width modulated DC power to a heating segment in a catheter for use in providing treatment. In some embodiments the DC power to be modulated is sourced from an AC/DC power converter coupled to a source of AC power. In some embodiments the DC power to be modulated is sourced from a battery. In some embodiments the device switchably selects for modulation DC power sourced from either the AC/DC power converter or the battery, for example based on availability of power from the AC/DC power converter.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2014

(21) Application No.1871/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HYDRAULIC PRESSURE EXCHANGER

(51) International classification :F15B21/04
(31) Priority Document No :13180511.1
(32) Priority Date :15/08/2013
(33) Name of priority country :EPO
(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)DANFOSS A/S
Address of Applicant :Nordborgvej 81, DK-6430 Nordborg, Denmark; Denmark
(72)**Name of Inventor :**
1)SIGURDSSON, Haraldur

(57) Abstract :
A hydraulic machine, in particular hydraulic pressure exchanger, is provided comprising a drum rotatable about a rotational axis, a first front plate arrangement at a first front face of said drum, a second front plate arrangement at a second front face of said drum, said drum comprising a plurality of cylinders, said first front plate arrangement comprising a first front plate and a pressure shoe (8), said first front plate comprising at least a high pressure supply port. Such a pressure exchanger should have a simple construction. To this end the pressure shoe (8) comprises at least a pressure cylinder (14), said pressure cylinder (14) opening to said first front plate, a piston (17) being arranged in said pressure cylinder (14), said pressure cylinder (14) being in fluid contact with said high pressure supply port. Fig. 3

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2013

(21) Application No.2154/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : EXTRACTION OF LIQUID ELEMENT BY ELECTROLYSIS OF OXIDES

(51) International classification :C25C7/02,C25C3/00,C25B1/02
(31) Priority Document No :61/375935
(32) Priority Date :23/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001469
Filing Date :22/08/2011
(87) International Publication No :WO 2012/026971
(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)ALLANORE Antoine
2)SADOWAY Danald R.

(57) Abstract :
An electrolytic extraction method wins a target element from an oxide feedstock compound thereof. The feedstock compound is dissolved in an oxide melt in contact with a cathode and an anode in an electrolytic cell. During electrolysis the target element is deposited at a liquid cathode and coalesces therewith. Oxygen is evolved on an anode bearing a solid oxide layer in contact with the oxide melt over a metallic anode substrate.

No. of Pages : 26 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015
(21) Application No.2154/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LOW MELTING PROPIONIC ACID DERIVATIVE PARTICLES FOR USE IN ORAL DOSAGE FORMS

(51) International classification :A61J3/02
(31) Priority Document No :61/702392
(32) Priority Date :18/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059918
Filing Date :16/09/2013
(87) International Publication No :WO 2014/047001
(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)BAGCHI Saumitra
2)VUPPALA Murali K.

(57) Abstract :
Low melting propionic acid derivative particles that are free flowing and have significantly reduced or eliminated throat burn are disclosed. A method of manufacturing the low melting propionic acid derivative particles; dosage forms containing the low melting propionic acid derivative particles; methods of manufacturing the dosage forms; and methods of treatment using the dosage forms are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013

(21) Application No.2446/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD FOR PREPARING A SURFACE WITH A CONTROLLED COVERAGE OF NANOGRADE PARTICLES

(51) International classification :B05D1/18,B05D1/20,B05D5/04
(31) Priority Document No :10508661
(32) Priority Date :24/08/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2011/064582
Filing Date :24/08/2011
(87) International Publication No :WO 2012/025576
(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)LUNDGREN Anders
2)BERGLIN Mattias
3)ELWING Hans
4)HULANDER Mats

(57) Abstract :
The present invention regards nano surfaces and particularly a gradient based nano surface. According to embodiments of the invention a surface bound gradient is created by distributed nanoparticles along a plane surface. This procedure greatly reduces the number of prepared surfaces needed as well as the methodological error of analysis of adsorption and adhesion phenomena.

No. of Pages : 47 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013

(21) Application No.2666/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ANTI FOLATE RECEPTOR ALPHA ANTIBODY GLYCOFORMS

(51) International classification :A61K39/395,C07K16/30
(31) Priority Document No :61/394812
(32) Priority Date :20/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056966
Filing Date :19/10/2011
(87) International Publication No :WO 2012/054654
(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)GRASSO Luigi
4)ROUTHIER Eric
5)GU Wei
6)YOUNG Jason
7)YAO Jun

(57) Abstract :
The invention provides anti FRA antibodies with novel N linked neutral glycan profiles in that the relative amounts of one or more neutral glycans are increased or decreased compared to anti FRA antibodies produced under reference cell culture conditions. The invention further provides anti FRA antibodies with altered binding to FRA altered antibody dependent cellular cytotoxicity (ADCC) and/or altered rate and/or efficiency of internalization in a cell expressing FRA. In related aspects the invention provides cell cultures comprising an anti FRA antibody of the invention a cell isolated from such a culture kits and compositions comprising an anti FRA antibody of the invention methods of producing an anti FRA antibody of the invention and diagnostic and therapeutic uses of an anti FRA antibody of the invention.

No. of Pages : 122 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2141/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PEPTIDE ANTAGONISTS OF THE VASOPRESSIN 2 RECEPTOR

(51) International classification :C07K14/435
(31) Priority Document No :12306120.2
(32) Priority Date :17/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2013/058615
Filing Date :17/09/2013
(87) International Publication No :WO 2014/041526
(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)SERVENT Denis
3)QUINTON Lo¯c
4)REINFRANK Helen
5)WITZGALL Ralph
6)MOUILLAC Bernard
7)MENDRE Christiane

(57) Abstract :
The invention relates to a new group of snake venom basic protease inhibitors having vasopressin 2 receptor antagonist activity that can be used in therapy diagnosis medical imaging drug screening and research.

No. of Pages : 60 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2143/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PUMP APPARATUS

(51) International classification :F04B43/12
(31) Priority Document No :1219218.3
(32) Priority Date :25/10/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052047
Filing Date :31/07/2013
(87) International Publication No :WO 2014/064415
(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)TURNER Jeremy

(57) Abstract :
A pump apparatus (1) comprises a pump head(2) and a container (20) for a liquid to be dispensed. The pump head(2) has a flexible dispensing tube(4) in fluid connection with the inside of the container(20). The fluid connection between the dispensing tube (4) and the inside of the container (20) is provided by a supply tube (28) which co operates with the dispensing tube (4) to provide a non return valve function. An end (48) of the supply tube (28) is disposed within an end of the dispensing tube (4) and the non return valve function is provided by a hole (46) through a side wall of the supply tube (28) in a region where the dispensing tube (4) overlaps the supply tube whereby the dispensing tube (4) provides a seal over the hole (46) to prevent ingress of fluid when the internal pressure is lower than the external pressure. Another aspect of the invention provides a container (20) for use in the pump apparatus.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.2503/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : POCHOXIME CONJUGATES USEFUL FOR THE TREATMENT OF HSP90 RELATED PATHOLOGIES

(51) International classification :C07D313/00,C07D495/04,C07H15/26
(31) Priority Document No :61/405882
(32) Priority Date :22/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/002796
Filing Date :24/10/2011
(87) International Publication No :WO 2012/052843
(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)BARLUENGA Sofia

(57) Abstract :
The present invention includes novel derivatives analogs and intermediates of the natural products radicicol pochonins pochoximes and their syntheses. The present invention also provides a pharamceutical composition comprising the present compound and the use of the compound as inhibitors of kinases and of the enzyme family known as heat shock protein 90 (HSP90).

No. of Pages : 130 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2009
(21) Application No.2505/DEL/2009 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ZINC METHIONINE COMPLEX (ZMC)

(51) International classification :C07D36/00
(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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Delhi India
(72)**Name of Inventor :**
1)DR. RAM SHARAN DASS
2)DR. ANIL KUMAR GARG

(57) Abstract :
Process for the preparation of zinc methionine complex (ZMC), an organic zinc chelate, has been developed using an inorganic salt of zinc and methionine, a sulphur containing amino acid. The end product so obtained is a whitish powder with more than 10 per cent zinc. About 60 per cent of the zinc present in the zinc salt is recoverable in the end product. The product is stable at room temperature and can be stored for any period of time, like inorganic salts of zinc. Process is very simple, repeatable and reproducible, hence can be easily taken up by any industry venturing in the field.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.2728/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR PRODUCING POLYCONDENSATION POLYMER AND POLYMERIZER

(51) International classification :C08G64/20
(31) Priority Document No :2010244745
(32) Priority Date :29/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/073658
Filing Date :14/10/2011
(87) International Publication No :WO 2012/056903
(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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2)HACHIYA Yoko
(72)**Name of Inventor :**
1)AMINAKA Muneaki
2)YASUDA Kazuharu

(57) Abstract :
A process for producing a polycondensation polymer, the process including a guide polymerization step in which a molten prepolymer is fed to the top of a wire guide in a polymerizer for polycondensation polymer production and is allowed to descend while being kept in contact with the wire guide and the molten prepolymer is thereby polymerized to obtain the polycondensation polymer. The process is characterized in that the wire guide is equipped with perpendicular wires comprising a plurality of perpendicular wires extending in the vertical direction and arranged side by side so as to be separated from each other at a pitch L1 (mm). The process is further characterized in that in the guide polymerization step, the molten prepolymer fed to the top of the wire guide is made to gather and form one or more molten-prepolymer masses on the perpendicular wires so that when the width of each molten-prepolymer mass as measured at the position 200 mm below the top and along the direction of the side-by-side arrangement of the perpendicular wires is expressed by L2 (mm), then the width L2 (mm) of at least some of the molten-prepolymer masses satisfies the following relationship (1) with the L1 (mm). $L1 < L2$ (1)

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2014
(21) Application No.10869/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONTINUOUSLY VARIABLE TRANSMISSION DEVICE

(51) International classification :F16H 61/664
(31) Priority Document No :1255867
(32) Priority Date :21/06/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/062849
Filing Date :20/06/2013
(87) International Publication No :WO 2013/190028
(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)INAWA
Address of Applicant :12 Grande rue F 21250 Lechatelet France
(72)**Name of Inventor :**
1)CHEVALIER Pierre
2)PANZUTI Adrien

(57) Abstract :
The invention relates to a continuously variable transmission device (2) which includes: a guiding cover (4) rotating about a first axis (X4) a guided cover (6) rotating about a second axis (X6) a planet gear (20) provided with a first belt (205) in contact with an inner surface (S4) of the guiding cover and a second belt (207) in contact with an inner surface (S6) of the guided cover. Contact areas (Z4,Z6) between the belts and the inner surfaces of the covers are defined in a single first radial plane relative to the first axis. The planet gear (20) rotates about a third axis (X20) contained in the first radial plane and in which the angular orientation relative to the first axis (X4) defines the transmission ratio of the device. The planet gear pivots about a fourth axis (Y20) perpendicular to the first radial plane and nonintersecting with the first axis (X4). The two covers (4,6) are rotatably mounted on a single stationary shaft (10) having a longitudinal axis (X10) parallel to the first axis (X4). The planet gear (20) is mounted such as to pivot on the shaft about the fourth axis (Y20). A means (40,50) for controlling the angular position of the planet gear (20) about the fourth axis (Y20) extending in an inner space of the device (2) defined between the inner surfaces (S4,S6) of the covers (4,6) and leading to the outside of said device by passing through a space (102) arranged for said purpose in the shaft or between the shaft and one of the covers (4).

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/03/2015

(21) Application No.2117/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TUBULAR THREADED CONNECTION

(51) International classification :F16L25/00
(31) Priority Document No :13/623904
(32) Priority Date :21/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/069514
Filing Date :19/09/2013
(87) International Publication No :WO 2014/044773
(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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2)NIPPON STEEL & SUMITOMO METAL CORPORATION
(72)**Name of Inventor :**
1)RUSSELL Elder
2)MAILLON Bertrand
3)OKU Yousuke

(57) Abstract :
A threaded tubular connection includes a first tube and a second tube. The first tube includes a pin member and the second tube includes a box member. A cross sectional area of a pin critical cross section is within approximately ± 5% of cross sectional area of a box critical cross section of the box member. The cross sectional areas of each of the pin and box critical cross sections are within approximately ± 5% of the sum of the cross sectional areas of a box intermediate critical cross section of the box member and a pin intermediate critical cross section of the pin member. In a made up state a first seal surface on the pin engages a second seal surface on the box in a radial direction so as to form an off center fluid tight seal that extends in an axial direction of the threaded tubular connection.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.2775/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ARTIFICIAL AIRWAY DEVICE

(51) International classification :A61M16/04
(31) Priority Document No :1016562.9
(32) Priority Date :01/10/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/001421
Filing Date :29/09/2011
(87) International Publication No :WO 2012/042219
(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)THE LARYNGEAL MASK COMPANY LIMITED
Address of Applicant :P.O. Box 221 Le Rocher Victoria Mahe Seychelles
(72)**Name of Inventor :**
1)BRAIN Archibald Ian Jeremy

(57) Abstract :
The invention relates to an artificial airway device (1) to facilitate lung ventilation of a patient comprising an airway tube (2) and a mask (3) carried at one end of the airway tube the mask (3) having a distal end (4) and a proximal end (5) and a peripheral formation (6) capable of forming a seal around the circumference of the laryngeal inlet the peripheral formation (6) surrounding a hollow interior space or lumen (7) of the (mask (3) and the bore of the airway tube (2) opening into the lumen (7) of the mask the airway tube including support means (44) such that the cross sectional area of the bore is substantially maintained upon application of pressure by the patient s teeth whilst allowing local deformation of the tube at the point of tooth contact.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.2776/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONSENSUS ANTIGEN CONSTRUCTS AND VACCINES MADE THEREFROM AND METHODS OF USING SAME TO TREAT MALARIA

(51) International classification :A61K48/00,C12N15/00
(31) Priority Document No :61/386973
(32) Priority Date :27/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053541
Filing Date :27/09/2011
(87) International Publication No :WO 2012/047679
(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 :3160 Chestnut Street Suite 200 Philadelphia Pennsylvania 19104 6283 U.S.A.
2)INOVIO PHARMACEUTICALS INC.
(72)**Name of Inventor :**
1)WEINER David B
2)YAN Jian
3)SARDESAI Niranjan Y
4)FERRARO Bernadette

(57) Abstract :
Provided herein is consensus amino acid sequences of P.falciparum (P.f.) proteins and their encoding sequences, as well as expression constructs expressing the sequences. Also provided herein are methods for generating an immune response against P.falciparum using the expression constructs provided herein.

No. of Pages : 179 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.11119/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HYDROGEL VACCINE FORMULATIONS

(51) International classification :A61K9/51
(31) Priority Document No :1212010.1
(32) Priority Date :05/07/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/064327
Filing Date :05/07/2013
(87) International Publication No :WO 2014/006215
(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)COULTER Ivan
2)MCDONALD Bernard Francis
3)AVERSA Vincenzo
4)ROSA M³nica

(57) Abstract :
This invention relates to compositions for delivering one or more active ingredients and more particularly to compositions e.g. beads comprising a matrix material which matrix material comprises a microorganism. In particular the invention relates to compositions comprising a microorganism selected from live killed attenuated and inactivated microorganisms. The matrix material may also comprise a surfactant and may further comprise an adjuvant. The invention further relates to the manufacture and use of such compositions and to other subject matter.

No. of Pages : 109 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2010

(21) Application No.1903/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PLUGSHOO

(51) International classification :B03C
(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)SURINDER KUMAR ROHILLA
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(72)**Name of Inventor :**
1)SURINDER KUMAR ROHILLA

(57) Abstract :
THIS INVENTION RELATES TO SUPPLYING OF ELECTRICITY THROUGH PLUGSHOO, WHICH IS ATTACHED WITH ALL ELECTRIC APPLIANCES, ELEMINATING THE NEED OF SEPARATE PLUG. USER WILL NOT HAVE TO BUY THESE MULTIPLE POWER PLUG AND SHOO FROM THE MARKET, ADDITIONALLY. ELECTRICITY SUPPLYING WIRE WITH MY PLUGSHOO WILL BE ATTACHED WITH ALL ELECTRIC APPLIANCES AND GADGETS SUCH AS TV, FRIDGE, WASHING MACHINES, PRESS ETC., WHICH PROVIDES THE FACILITY OF MULTIPLE POWER SUPPLY.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013

(21) Application No.2405/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : OPTICAL COATING COMPRISING POROUS SILICA NANOPARTICLES

(51) International classification :G02B1/11
(31) Priority Document No :1014024.2
(32) Priority Date :20/08/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051565
Filing Date :19/08/2011
(87) International Publication No :WO 2012/022983
(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)WAKEFIELD Gareth
2)GARDENER Martin
3)OSTROWSKI Sasha

(57) Abstract :
An optical coating comprising a binder and a plurality of porous silica nanoparticles in which the pores are randomly oriented a solution for forming an optical coating comprising a solvent and a plurality of porous silica nanoparticles in which the pores are randomly oriented a method for fabricating an optical coating and the use of porous silica nanoparticles in which the pores are randomly oriented in the manufacture of an optical coating.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2015

(21) Application No.2552/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LAYERED AND SPINEL LITHIUM TITANATES AND PROCESSES FOR PREPARING THE SAME

(51) International classification	:C01D13/00, C01B23/00, H01M4/485
(31) Priority Document No	:61/712065
(32) Priority Date	:10/10/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2013/050770 :10/10/2013
(87) International Publication No	:WO 2014/056111
(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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(72)**Name of Inventor :**
1)DEMOPOULOS George
2)CHIU ,Hsien -chieh
3)ZAGHIB ,Karim
4)GUERFI ,Abdelbast

(57) Abstract :
The present invention relates to a process for producing lithium titanate which includes the steps of synthesizing a lithium titanate hydrate intermediate via The present invention relates to a process for producing lithium titanate which includes the steps of synthesizing a lithium titanate hydrate intermediate via aqueous chemical processing and thermally treating the lithium titanate hydrate intermediate to produce the lithium titanate. The lithium titanate hydrate is preferably (Lii8H0.19)Ti20.«2H20. The lithium titanate is preferably Li4Ti5012 (LTO). Synthesizing the lithium titanate hydrate intermediate may include mixing a titanium containing compound with a lithium - containing compound in a solvent to produce a lithium -titanium precursor mixture. Preferably the titanium -containing compound comprises titanium tetrachloride TiCI. The invention also relates to a lithium titanate obtained according to the process and a lithium battery comprising the lithium titanate.

No. of Pages : 55 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.2778/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : OPERATION OF TRANSPORT REFRIGERATION SYSTEMS TO PREVENT ENGINE STALL AND OVERLOAD

(51) International classification :B60H1/32,B60H1/00
(31) Priority Document No :61/387177
(32) Priority Date :28/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052265
Filing Date :20/09/2011
(87) International Publication No :WO 2012/047499
(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)STEELE John T.
2)REASON John R.
3)STOCKBRIDGE Michael
4)SING Bruce E.

(57) Abstract :
The performance of a transport refrigeration system (12) having a transport refrigeration unit powered by a diesel engine is optimized by matching a capacity output of the transport refrigeration unit to an available shaft power of the diesel engine. The power consumption of the transport refrigeration may be controlled by selectively limiting refrigerant mass flow through the refrigerant circuit of the transport refrigeration unit in response to an operating engine load and an operating speed of the diesel engine.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2014

(21) Application No.1911/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A TOOL FOR PRODUCING VARIABLE MAGNETIC FIELD BY PERMANENT MAGNETS FOR NANO FINISH SURFACES.

(51) International classification :B24B31/112
(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)PULAK MOHAN PANDEY
2)GIRISH CHANDRA VERMA

(57) Abstract :
This invention relates to a tool for producing variable magnetic field by permanent magnets for nano finish surfaces comprising of a lower part fitted with an upper part, wherein the lower part comprising of a magnet integrated with a Ferromagnetic piece and said upper part comprising a magnet with a means to vary formation of magnetic field at the periphery of the piece. The present invention can be employed to produce nano-finish surface area in blind holes, smaller holes, deep grooves and vertical curved surfaces of components of similar/dissimilar materials with different hardness and of irregular shaped and substantially inaccessible surfaces.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2014

(21) Application No.2128/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : REVOLVING TYPE CONSTRUCTION MACHINE

(51) International classification :F15B11/04
(31) Priority Document No :2013-165024
(32) Priority Date :08/08/2013
(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

(71)**Name of Applicant :**
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1)KIMURA Shougo
2)KOBORI Masahi
3)SHIMADA Takahiro
4)AMANO Kouji

(57) Abstract :
A cab (10) has a front surface part (11) that is provided 5 with a removable lower front window (17) that is positioned downward of an upper front window (16), and has a rear surface part (12) that is provided with an openable rear window (19). A lower front window holding member (26) for holding said lower front window (17) removed from said front surface part (11) is 10 provided on an inner surface side of the rear surface part (12) of the cab (10). An electric fan (30) for circulating outside air inside the cab (10) is provided on the inner surface side of the rear surface part (12) of the cab (10). The lower front window (17) is removed from the front surface part (11) of the 15 cab (10) , and a rear window (19) opens in a state of holding said lower front window (17) in front of the rear window (19) by said lower front window holding member (26). Thereby, a ventilation flow path (32) of outside air is formed between the opening part (18) formed in the front surface part (11) of the cab (10) and 20 the rear window (19) by a rotation of the electric fan (30).

No. of Pages : 39 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.2197/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PHENOLIC FOAM

(51) International classification :C08J 9/00
(31) Priority Document No :2012/0408
(32) Priority Date :18/09/2012
(33) Name of priority country :Ireland
(86) International Application No :PCT/EP2013/069391
Filing Date :18/09/2013
(87) International Publication No :WO 2014/044715
(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)ROCHEFORT Malcolm
2)RIPLEY Lynne
3)HOLLAND Philip
4)COPPOCK Vincent

(57) Abstract :
Phenolic closed cell foam comprises a hydrocarbon blowing agent and includes an alkali metal silicate in an amount of at least 1% by weight. The foam has an aged thermal conductivity as determined by the procedures of EN13166:2008 of less than 0.025W/m.K. The foam is formed from a phenolic resole resin mixture having a water content of greater than 15% by weight but less than 24% by weight.

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2014

(21) Application No.2791/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : EVAPORATIVE AIR COOLING SYSTEM WITH HIGH ENERGY EFFICIENCY RATIO (EER)

(51) International classification :F28F13/00
(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)RITESH MANTRI

(57) Abstract :
An object of the present invention is to provide an evaporative air cooling system with high energy and water efficiency.Another object of the invention is to provide cool air below ambient air wet bulb temperature.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.2791/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COLOR CHANGING EMULSIONS FOR FREEZE INDICATORS

(51) International classification :G01K11/06
(31) Priority Document No :61/388297
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053607
Filing Date :28/09/2011
(87) International Publication No :WO 2012/044655
(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)TAYLOR Dene H.
2)LENTZ Carl M.
3)SMITH Dawn E.

(57) Abstract :
A color changing emulsion for use in a freeze indicator can employ a dispersion medium for example an aqueous liquid a first reactant phase and a second reactant phase which two reactant phases can both be dispersed in the dispersion medium. The first reactant phase includes a hydrophobic liquid and a first reactant for example a color precursor such as a leuco dye. The second reactant phase can include a hydrophobic liquid and includes or can be a second reactant for example a color developer such as a leuco dye developer. The first and second reactant phases can be essentially unmixed and can be co reactable to provide a color change. In response to a freezing temperature the color changing emulsion can coagulate and change color irreversibly. An intense color change can be obtained by using for example a suitable leuco dye precursor and developer.

No. of Pages : 101 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2009
(21) Application No.2348/DEL/2009 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COATING OF HERBAL EXTRACTS ON CONDOMS

(51) International classification	:A61K 31/00	(71)**Name of Applicant :** **1)SAMIRAN DEY**
(31) Priority Document No	:NA	Address of Applicant :F-100, SECTOR-27, NOIDA, PIN
(32) Priority Date	:NA	201301, UP, INDIA Uttar Pradesh India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)SAMIRAN DEY**
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 :
A herbal coated condom having the sex stimulating and vaginal muscle contraction capabilities is proposed. The invention relates to a herbal composition comprising extracts from Lajamani, Triphala, Curcuma, Vishnukanta, Lodhar, Galo, Arand Mool, and Chandan; formulations containing the herbal composition; and use of the herbal composition for enhancing sexual response and pleasure in females.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2565/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NETWORK BASED CONTROL OF REPORT MESSAGES IN A WIRELESS COMMUNICATIONS NETWORK

(51) International classification :H04W24/10
(31) Priority Document No :61/389581
(32) Priority Date :04/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2010/051355
Filing Date :09/12/2010
(87) International Publication No :WO 2012/047141
(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 :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)ENBUSKE Henrik
2)PALM Hkan
3)PERSSON Hkan

(57) Abstract :
This disclosure pertains to a method in a network node a method in user equipment a network node and user equipment in a wireless communications network. More particularly there is provided methods and platforms for network based control of report messages comprising logged measurements in a wireless communications network. In accordance with some example embodiments a UE (30) that has stored logged data i.e. logged measurements that are bigger than a single transmission packet i.e. report message segments the logged measurements and sends only a portion of the logged measurements that fits into a single report message. The UE (30)also indicates to a network node (28) that additional logged measurements exist at the UE buffer (44).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.2715/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FASTENING INSTRUMENT FOR DEPLOYING A FASTENER SYSTEM COMPRISING A RETENTION MATRIX

(51) International classification :A61B17/072,A61B17/064
(31) Priority Document No :12/894367
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054063
Filing Date :29/09/2011
(87) International Publication No :WO 2012/044853
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)MORGAN Jerome R.
8)SIMMS Robert J.
9)SWAYZE Jeffrey S.
10)OUWERKERK John N.

(57) Abstract :
A surgical stapling instrument can comprise one a handle comprising an actuator and two an end effector comprising a proximal end a distal end and a longitudinal axis extending between the proximal end and the distal end. The end effector can further comprise a first jaw configured to support staples comprising staple legs and in addition a second jaw supporting a matrix element opposite the staples wherein one of the jaws is movable toward the other in order to engage the matrix element with the staple legs. The stapling instrument can further comprise a cam operably coupled with the actuator wherein the cam is movable along the longitudinal axis to deform the staple legs.

No. of Pages : 319 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.2716/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FASTENER SYSTEM COMPRISING A PLURALITY OF CONNECTED RETENTION MATRIX ELEMENTS

(51) International classification :A61B17/064,A61B17/072,A61B17/115
(31) Priority Document No :12/894318
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054038
Filing Date :29/09/2011
(87) International Publication No :WO 2012/044838
(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)SCHALL Christopher J.
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8)MORGAN Jerome R.
9)SIMMS Robert J.
10)OUWERKERK John N.

(57) Abstract :
A surgical fastener system can comprise a plurality of fasteners which can be connected to each other by a flexible retention matrix which is assembled to the fasteners in order to capture tissue therebetween. The flexible retention matrix can comprise one a plurality of retention matrix elements configured to engage the fasteners and two a lattice of connectors which connect one or more retention matrix elements.

No. of Pages : 320 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013
(21) Application No.2794/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DROPLET PRECIPITATOR

(51) International classification :B01D45/08
(31) Priority Document No :10183928.0
(32) Priority Date :30/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/065386
Filing Date :06/09/2011
(87) International Publication No :WO 2012/041665
(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)G„BLER Ansor

(57) Abstract :
The invention relates to a droplet precipitator (10) comprising a flow channel (5) through which a gas charged with droplets can be fed and which can be permeated by said gas charged with droplets along a main flow direction (6), wherein a precipitating element (8) is disposed substantially annularly about the flow channel (5) and can be permeated by an annular flow directed away from the flow channel (5). The precipitating element (8) comprises a floor element (11) and a ceiling element (12) and a plurality of connecting elements (1) disposed between the floor element (11) and the ceiling element (12) such that the floor element (11) and the ceiling element (12) are disposed spaced apart from each other at a distance determined by the connecting elements (1). The connecting element (1) comprises a wall element (3, 13, 30), along which droplets of the gas charged with droplets can be guided as a film in the direction of the floor element (11), wherein the wall element (3, 13, 30) comprises a precipitating surface comprising an average width of greater than 1 mm. The precipitating element (8) comprises a ring element (17) disposed substantially annularly about the flow channel (5) and comprising an inner shell surface having substantially the same diameter as the flow channel (5), and penetration openings are provided in the ring element for entry of the gas charged with droplets.

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2136/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CATALYST

(51) International classification :B01J21/04
(31) Priority Document No :12189123.8
(32) Priority Date :18/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071760
Filing Date :17/10/2013
(87) International Publication No :WO 2014/060534
(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)HUHTANEN Lauri
4)SEVERN John
5)CASTRO Pascal
6)VIRKKUNEN Ville
7)HONGELL Anu Leena
8)LEHTINIEMI Ismo

(57) Abstract :
A catalyst comprising (i) a metallocene complex of a group (IV) metal said metallocene comprising at least two cyclopentadienyl type ligands; (ii) a boron cocatalyst; and (iii) an aluminoxane cocatalyst; said catalyst being in solid form preferably in solid particulate form and being free from an external carrier.

No. of Pages : 77 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.2205/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHODS AND DEVICES FOR ADJUSTING RESOURCE MANAGEMENT PROCEDURES BASED ON MACHINE DEVICE CAPABILITY INFORMATION

(51) International classification :G08C15/00
(31) Priority Document No :13/633728
(32) Priority Date :02/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/058977
Filing Date :29/09/2013
(87) International Publication No :WO 2014/053979
(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)KOORAPATY Havish
4)PARK Chester

(57) Abstract :
Devices and methods for adjustmeresoarce management procedures based on machine device capability information are disclosed. In one aspect a method for adjusting resource management procedures in a machine device communicating with a node operating in a communication network includes receiving a first message from the machine device the first message including machine device capability information processing the received machine device capability information to determine an adjustment to a resource management procedure and transmitting a second message to the machine device the second message including the determined resource management procedure adjustment The first and second messages may be radio resource control (RRC) messages such as RRC connection request and setupmessages.

No. of Pages : 59 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013

(21) Application No.2423/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NOVEL MICROBICIDES

(51) International classification :C07D401/04,C07D491/04,C07D491/10
(31) Priority Document No :10189188.5
(32) Priority Date :28/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/068990
Filing Date :28/10/2011
(87) International Publication No :WO 2012/056003
(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)LAMBERTH Clemens
4)POULIOT Martin

(57) Abstract :
Compounds of formula (I), wherein G represents together with the two carbon atoms of the pyrimidine ring to which it is attached, a 5- to 7-membered aliphatic carbocyclic or heterocyclic ring system which contain 0 to 2 heteroatoms selected from the group consisting of nitrogen, oxygen and sulfur; and wherein said 5- to 7-membered aliphatic carbocyclic or heterocyclic ring system can be mono-, di- or trisubstituted by substituents selected from the group consisting of halogen, keto, C1-C6alkyl, C1-C6alkoxy, C1-C6alkyloximino and C1-C6alkylendioxy; and wherein the other substituents R1, R2, R3, R4, R5 and R6 are as defined in claim 1, and their use as microbicides.

No. of Pages : 96 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2009

(21) Application No.2644/DEL/2009 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AURA BUCKET CRUSHER

(51) International classification :B05C13/02;
(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)NEERAJ SHARMA

(57) Abstract :
The uniqueness (USP) of this product is the simplicity of its design combines with in establishing new horizons of application. This bucket crusher is an attachment that can be mounted on excavator in place of the bucket of excavator and runs on the pressure of hydraulic pump of an excavator. Unlike other stationary crushers this can be used at any place. By this we just scoop the rocks with the bucket crusher and crush the rocks on site to size we want.

No. of Pages : 5 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.2883/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : UTILISATION OF LOW GRADE HEAT FOR JUICE CONCENTRATION

(51) International classification :A23L2/84
(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)VERMA, VIVEK

(57) Abstract :
The utilization of low grade heat for concentration of cane or beet juice through evaporation using low pressure vapours or steam in single or multi effects evaporation is described in the present invention. In the present invention, this low pressure steam or vapours from pans, evaporators and exhaust turbines which are otherwise discarded as waste from the system is used for concentration of the cane or beet juice. This low pressure operation or low pressure boiling of juice reduces inversion, scale and colour formation with reduced sugar losses through inversion. Another positive effect of present invention is that power generation through the turbine increase considerably because of the elimination of bleed steam. This further improves the turbine efficiency and save fuel for the same designed power output.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2145/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : UTILIY VEHICLE

(51) International classification :B60K17/08
(31) Priority Document No :61/703383
(32) Priority Date :20/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061002
Filing Date :20/09/2013
(87) International Publication No :WO 2014/047488
(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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4)MAKI Richard R.
5)NOVOTNY Shane A.
6)HETLAND Jonathan Mark

(57) Abstract :
In one embodiment a utility vehicle (1200) includes a plurality of ground engaging members (6 10) configured to contact a ground surface and a powertrain assembly (600) operably coupled to the ground engaging members. The utility vehicle also includes a frame (1210) supported by the ground engaging members and extending along a longitudinal axis of the utility vehicle. The utility vehicle further includes a tunnel member (1430) coupled to the frame and extending along the longitudinal axis. The tunnel member is positioned at a first height from the ground surface. Additionally the utility vehicle includes a cargo portion (1204) supported by the frame and positioned generally rearward of the tunnel member. The cargo portion has a cargo surface substantially aligned with the tunnel member and positioned at a second height from the ground surface. The first height is approximately equal to the second height.

No. of Pages : 152 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2015
(21) Application No.2653/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DIAGRAM CREATING SYSTEM , DIAGRAM CREATING METHOD, AND DIAGRAM CREATING SYSTEM PROGRAM

(51) International classification :B61L 27/00
(31) Priority Document No :2013129477
(32) Priority Date :20/06/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/078173
Filing Date :17/10/2013
(87) International Publication No :WO 2014/203417
(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)IKEDA Hideki

(57) Abstract :
Provided are a diagram creating system, a diagram creating method, and a diagram creating system program for outputting operation cost together with a diagram. A diagram creating system (1) is provided with: an accounting information storage unit (100); an extraction unit (105) that extracts from the accounting information storage unit (100) an item relating to a transport operation and accounting information; a quantity addition unit (110) that associates the item relating to the transport operation with quantity information for the item; a unit accounting information calculation unit (115) that calculates unit accounting information; a totaling unit (120) that calculates a total cost per unit quantity; an operation results storage unit (125) that stores a travel distance of a transport machine; a travel distance calculation unit (130) that calculates a unit travel distance per unit quantity; an expense calculation unit (140) that calculates an expense required per unit distance; a predicted cost calculation unit (215) that calculates a predicted cost; and an output unit (220) that outputs the predicted cost together with a diagram.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2014

(21) Application No.2807/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : APPLICATION OF A MAMMARY GLAND SPECIFIC GLYCOPROTEIN AS A BIOMARKER FOR DETECTION OF SUB-CLINICAL MASTITIS IN COWS AND BUFFALOES.

(51) International classification	:G01N33/574, C12Q1/68
(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)JAI K. KAUSHIK
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5)TUSHAR K. MOHANTY

(57) Abstract :
The invention is related to a method for detection of mastitis in the milk of lactating cows and buffaloes. The steps involved purification of mammary gland protein (MGP) to homogeneity from milk of buffaloes during involution stage and generation of polyclonal antibody against the isolated protein. For the test to be conducted the steps involved collection of milk from normal, suspected subclinical and clinical mastitic animals followed by defatting and decaseinating of milk. The skim milk so prepared was assayed by comparing the occurrence of MGP in uninfected milk (normal milk) vis-a-vis milk fi-om suspected subclinical and clinical mastitic animals by immune screening (Western blotting). MGP was clearly detectable in suspected sub-clinical and clinical cases while in uninfected animals the protein was almost undetectable. No other group has till now prepared antibody against this protein either from buffaloes or cows for its use as a potential biomarker to detect subclinical mastitis in lactating cows and buffaloes.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.2893/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LEATHER FIBRE EPOXY NANO COMPOSITE MATERIAL FOR INDUSTRIAL APPLICATIONS AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification :D06M15/55
(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)ASIT BARAN MANDAL

(57) Abstract :
Disclosed herein is a novel Nano-composite composition comprising essentially of leather fibres from leather solid wastes such as Buffing dust; Epoxy polymer comprising of Epoxy resin and hardener and Nano-particles of Titaniumdi- oxide or SiOa. It is prepared from defined paricle size of leather waste fibres and Nano particles. Thus, it is envisaged to have enormous application as light weight construction material with requisite strength properties.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2014

(21) Application No.10183/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NUCLEIC ACID EXTRACTION

(51) International classification :C12N 15/09
(31) Priority Document No :1209229.2
(32) Priority Date :25/05/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/051301
Filing Date :20/05/2013
(87) International Publication No :WO 2013/175188
(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)COBB, Ben

(57) Abstract :
A method and device for extracting nucleic acids from a biological sample is described. The device includes a substrate , such as a cellulose filter, functionalised with a biocidal agent having multiple functional groups including a binding moiety, which is involved in binding the agent to the substrate; a hydrophobic moiety; and a charged moiety. The various functional groups serve to bind the agent to the substrate, weaken or lyse the cell wall or membrane of the sample , and retain nucleic acids on the substrate. A preferred biocidal agent is a silylated quaternary ammonium compound (SiQAC), for example 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride.

No. of Pages : 32 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2010

(21) Application No.1881/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MULTI-SEAT FLUID CONTROL SYSTEM

(51) International classification :B44C
(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)AMRISH CHOPRA

(57) Abstract :
The present subject matter relates to a fluid control system (20, 20, 20) installed in a flow path of a fluid. The fluid control system (20, 20, 20) includes a first orifice (30) to provide a first pass-area to the fluid, a first closing element (32) to vary the first pass-area, a second orifice (34), configured in the first closing element (32), to provide a second pass-area to the fluid, a second closing element (36) to vary the second pass-area, and a single actuating shaft (42). The second orifice (34) is smaller than the first orifice (30). The first orifice (30) includes a first seat (38) for the first closing element (32) to rest and close the first orifice (30), and the second orifice (34) includes a second seat (40) for the second closing element (36) to rest and close the second orifice (34). The first pass-area and the second pass-area are varied by the first closing element (32) and the second closing element (36) through movements of the single actuating shaft (42).

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.2230/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PHENOXY ALKYL DIETHANOLAMINE AND DIISOPROPANOLAMINE COMPOUNDS FOR DELIVERING ACTIVE AGENTS

(51) International classification :C07C217/20
(31) Priority Document No :61/692554
(32) Priority Date :23/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/056221
Filing Date :22/08/2013
(87) International Publication No :WO 2014/031874
(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)MUSTATA Gabriela
2)PAN Dahua
3)GSCHNEIDNER David

(57) Abstract :
The present invention relates to particular phenoxy alkyl diethanolamine and diisopropanolamine compounds for delivering biologically active agents to a target. These compounds are well suited for forming non covalent mixtures with active agents for oral intracolonic pulmonary and other routes of administration to animals.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2015

(21) Application No.2305/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : IMPROVED METHODS FOR THE ACYLATION OF MAYTANSINOL

(51) International classification :C07D498/18
(31) Priority Document No :61/705731
(32) Priority Date :26/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061839
Filing Date :26/09/2013
(87) International Publication No :WO 2014/052537
(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)WIDDISON, Wayne C ;
2)ZHAO, Robert Yongxin;

(57) Abstract :
Disclosed is a method of preparing an amino acid ester of maytansinol represented by the following formula by reacting maytansinol with an N -carboxyanhydride of an amino acid (NCA) in the presence of a drying agent. Also disclosed is an improved method of preparing an amino acid ester of maytansinol in which a nucleophile is added to the reaction mixture after completion of the reaction between maytansinol and an N -carboxyanhydride of an amino acid.

No. of Pages : 37 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.2914/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PERMANENT MARKING ON PTFE INSULATED WIRE

(51) International classification :H01B13/34
(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)SURENDRA RASTOGI

(57) Abstract :
The present invention wherein a person need a permanent mark or print on PTFE wires for which he had to buy unsintered PTFE wires, High temperature ink, liquid PTFE/FEP and make the arrangement for the lacquering process with liquid PTFE/FEP. In this present method for making the permanent mark or print on the PTFE wires, the inventor has procured unsintered PTFE wires. High temperature ink, liquid PTFE/FEP and lacquering the same as per the requirement. There would be no comment for the person prepared it because there will be no change in the mark, it will be the permanent, whether it is prepared by X or Y.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2013

(21) Application No.2545/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HYDROGEN GAS BURNER AND METHOD OF COMBUSTION IN HYDROGEN GAS BURNER

(51) International classification :F23D
(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)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
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(72)**Name of Inventor :**
1)MISHRA, Debi Prasad

(57) Abstract :
The subject matter discloses hydrogen gas burners and methods for combustion of hydrogen gas fuel in gas burners. The hydrogen gas burner includes a burner head (12) having a fuel ejector (14) and a swirler (16) coaxial to the fuel ejector (14) about a longitudinal axis of the fuel ejector (14) for providing a swirl to oxidant streams and for ejecting the oxidant streams with a spiral motion about the longitudinal axis of the fuel ejector (14). The fuel ejector (14) includes at least one axial orifice for ejecting a hydrogen fuel stream in an axial direction along the longitudinal axis of the fuel ejector (14), and at least two tangential orifices at peripheral surface of the fuel ejector (14) for ejecting hydrogen fuel streams into the oxidant streams and in directions tangential to the peripheral surface and substantially perpendicular to the longitudinal axis of the fuel ejector (14).

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2014

(21) Application No.2545/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HIGH STRENGTH HOT DIP GALVANIZED STEEL SHEET HAVING EXCELLENT DELAYED FRACTURE RESISTANCE AND METHOD FOR PRODUCING SAME

(51) International classification	:C22C 38/00
(31) Priority Document No	:2011218776
(32) Priority Date	:30/09/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/075108
Filing Date	:28/09/2012
(87) International Publication No	:WO 2013/047760
(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)NIPPON STEEL & SUMITOMO METAL CORPORATION
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(72)**Name of Inventor :**
1)KAWATA Hiroyuki
2)MARUYAMA Naoki
3)MURASATO Akinobu
4)MINAMI Akinobu
5)YASUI Takeshi
6)KUWAYAMA Takuya
7)BAN Hiroyuki
8)HIRAMATSU Kaoru

(57) Abstract :
A hot dip zinc plating layer or an alloyed hot dip zinc plating layer is formed on the surface of a base steel sheet comprising in terms of volume fractions 40 to 90% of a ferrite phase and not more than 5% of a retained austenite phase and the proportion of non recrystallized ferrite with respect to the total ferrite phase is not more than 50% in terms of volume fraction. Furthermore the particle size ratio of crystal grains in the ferrite phase which is obtained by dividing the average particle size in the rolling direction by the average particle size in the sheet width direction is 0.75 to 1.33; the length ratio of hard structures dispersed in island shapes which is obtained by dividing the average length in the rolling direction by the average length in the sheet width direction is 0.75 to 1.33; and the average aspect ratio of inclusions is not more than 5.0.

No. of Pages : 147 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.2699/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ATHERMAL PRECISION LOCKING MECHANISM FOR LARGE APERTURE ADJUSTABLE OPTIC MOUNTS

(51) International classification :G02B7/02
(31) Priority Document No :61/920,125
(32) Priority Date :23/12/2013
(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 :**
1)BAE SYSTEMS Information & Electronic Systems Integration Inc.
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(72)**Name of Inventor :**
1)Marcinuk, Adam J.
2)Shaw, Michael J.
3)Thompson, David E.

(57) Abstract :
An athermal locking mechanism apparatus for large optic mounts is disclosed. The apparatus comprises at least one locking nut, at least one flexurized spring collet attached to a rigid base structure, a pivot shaft engaged with an optical yolk on a rotational axis of symmetry and a plurality of threads that joins the locking nuts with the flexurized spring collet. The threads provide an increased level of a radial clamping force onto the pivot shaft. The interference generated between the locking nut and the spring collet causes all flexures to squeeze down onto the shaft, applying a purely symmetric radial force during the locking process. This eliminates any induced rotational torque and prevents the optical element from moving during the locking process after being properly aligned.

No. of Pages : 0 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014
(21) Application No.2940/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MAKE-BEFORE-BREAK SYSTEMS AND METHODS DECOUPLING A CONTROL PLANE FROM A DATA PLANE

(51) International classification :H04Q
(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)CIENA CORPORATION
Address of Applicant :7035 Ridge Road Hanover, MD 21076,USA. U.S.A.
(72)**Name of Inventor :**
1)CHHILLAR, Mohit
2)PRAKASH, Anurag
3)SWINKELS, Gerard Leo

(57) Abstract :
A Make-Before-Break (MBB) method, in a node operating in a network with a control plane, decoupling the control plane from a data plane, includes, for a connection operating on a path in the network, determining a reserved connection on a new path, through the control plane, wherein the reserved connection has zero bandwidth; signaling the reserved connection on the new path; creating the reserved connection in the control plane while suspending implementation in the data plane due to the zero bandwidth; and releasing the connection on the path and modifying the reserved connection on the new path to establish the connection on the new path.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2015

(21) Application No.10919/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SEMICONDUCTOR LIGHT- EMITTING ELEMENT AND SEMICONDUCTOR LIGHT EMITTING DEVICE

(51) International classification :H01L33/36,H01L33/48,H01L33/50
(31) Priority Document No :2013113916
(32) Priority Date :30/05/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/002538
Filing Date :14/05/2014
(87) International Publication No :WO 2014/192237
(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 :2 9 13 Nakameguro Meguro ku Tokyo 1538636 Japan
(72)**Name of Inventor :**
1)MIYACHI Mamoru
2)SAITO Tatsuma

(57) Abstract :
A semiconductor light-emitting element has: a semiconductor laminate including an n-type semiconductor layer, a light-emitting lay er, and a p-type semiconductor layer; a plurality of via holes penetrating the light-emitting layer from the p-type semiconductor layer of the semiconductor laminate, the plurality of via holes exposing the n-type semiconductor layer; light-reflective p-side electrodes respectively isolated from edges of the p - type semiconductor layer and the plurality of via holes, the p-side electrodes extending over the p-type semiconductor layer; insulating layers leaving bot tom surfaces of the plurality o f via holes exposed but covering inner side faces of the via holes, the insulating layers extending over edge portions of second semiconductor-side electrodes; and a plurality of light-reflective n - side electrodes electrically connected to the n-type semiconductor layer at the bottom of each of the plurality of via holes, the n-side electrodes being drawn over the p-type semiconductor layer and the p-side electrodes across the insulating layers and being disposed so as to overlap the p-side electrodes with no gap in a plan view.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2015

(21) Application No.1305/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FUSED PYRIMIDINES AS INHIBITORS OF P97 COMPLEX

(51) International classification :C07D 403/04
(31) Priority Document No :61/674144
(32) Priority Date :20/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051358
Filing Date :19/07/2013
(87) International Publication No :WO 2014/015291
(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)ZHOU Han Jie
2)PARLATI Francesco
3)WUSTROW David

(57) Abstract :
Fused pyrimidine compounds having a saturated unsaturated or aromatic A ring fused to a pyrimidine ring and having a complex substituents at the 2 position and a substituted amine at the 4 position of the pyrimidine ring as well as optional aliphatic functional and/or aromatic components substituted at other positions of the pyrimidine ring and A ring are disclosed. These compounds are inhibitors of the AAA proteasome complex containing p97 and are effective medicinal agents for treatment of diseases associated with p97 bioactivity such as cancer.

No. of Pages : 235 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/06/2010

(21) Application No.1373/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A NOVEL PHARMACEUTICAL COMPOSITION TO TREAT MICROBIAL INFECTIONS

(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

(71)**Name of Applicant :**
1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-C, SARASWATI VIHAR, DELHI-34. Delhi India
(72)**Name of Inventor :**
1)MR.SANJEEV JAIN

(57) Abstract :
The present invention discloses a pharmaceutical formulation comprising Cefixime and ofloxacin for the treatment of variety of bacterial infections. The present invention exhibits a broad spectrum activity, thereby effective against a number of microorganisms.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.2198/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TRAFFIC MANAGEMENT FOR BASE STATIONS BACKHAULED OVER DATA CAPPED NETWORK CONNECTIONS

(51) International classification :H04L 12/26
(31) Priority Document No :13/604741
(32) Priority Date :06/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/048886
Filing Date :01/07/2013
(87) International Publication No :WO 2014/039154
(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)GOOGLE INC.
Address of Applicant :1600 Amphitheatre Parkway Mountain View CA 94043 U.S.A.
(72)**Name of Inventor :**
1)RAY Siddarth
2)SRINIVASAN Murari
3)MEDIN Milo Steven

(57) Abstract :
A network device 102a 102b 152 158 connected to a base station via a backhaul connection 104a 104b may be operable to determine whether the backhaul connection is congested. The determination may be based on a periodic data cap D imposed on the backhaul connections. In response to a determination that the backhaul connection is congested the network device may configure one or more cellular communication parameters of one or more of the plurality of base stations. The determination may be based on one or more of: a total amount of data consumed over the backhaul connection during a current time period a traffic load L on the backhaul connection and an amount of time remaining T in the current time period.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2013

(21) Application No.3225/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR THE PRODUCTION OF HYDROCARBON PRODUCTS

(51) International classification :C12P5/02,C12P7/08,C12P7/04
(31) Priority Document No :61/405854
(32) Priority Date :22/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057208
Filing Date :21/10/2011
(87) International Publication No :WO 2012/054798
(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)LANZATECH NEW ZEALAND LIMITED
Address of Applicant :24 Balfour Road Parnell Auckland 1052 New Zealand
(72)**Name of Inventor :**
1)SCHULTZ Michael
2)OBERN James
3)SIMPSON Sean

(57) Abstract :
Methods and systems for the production of hydrocarbon products including providing a substrate comprising CO to a bioreactor containing a culture of one or more micro organisms; and fermenting the culture in the bioreactor to produce one or more hydrocarbon products. The substrate comprising CO is derived from an industrial process selected from the group comprising steam reforming processes refinery processes steam cracking processes and reverse water gas shift processes.

No. of Pages : 60 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2140/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MULTI ANGULAR COLOR OPACITY PIGMENT CHARACTERIZATION AND TEXTURE ANALYSIS OF A PAINTED SURFACE VIA VISUAL AND/OR INSTRUMENTAL TECHNIQUES

(51) International classification	:G01J3/50, G01N21/84
(31) Priority Document No	:61/702959
(32) Priority Date	:19/09/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/060632
Filing Date	:19/09/2013
(87) International Publication No	:WO 2014/047296
(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)PPG INDUSTRIES OHIO INC.
Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A.
(72)**Name of Inventor :**
1)BEYMORE Paul Michael
2)PEREKSTA James

(57) Abstract :
A computer implemented method. The method includes performing (73) at least one of a visual evaluation and an instrument measurement of a target coating on a target sample to generate colorimetric information and identifying (82) using a processor a bulk toner that is present in the target coating by determining a color and a color intensity at different viewing angles relative to the target sample. The method also includes identifying (84) using the processor at least one specific toner that is present in the target coating by detecting a presence and an orientation of colored and/ or non colored pigmentation effects that arc present in the target coating and outputting (86) using the processor a formulation of the target coating that includes at least the at least one specific toner.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2013

(21) Application No.2352/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : POSITIVE AND/OR NEGATIVE FLAT ELECTRODE FOR A LEAD ACID BATTERY WITH A PROTECTION, BATTERY EQUIPPED THEREOF, PROCESS FOR MANUFACTURING

(51) International classification :H01M4/00
(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)URBAIN LAMBERT
2)GUY DAUWE

(57) Abstract :
The invention is related to a positive and/or negative flat electrode for a lead acid battery including a grid (2) and an active mass connected to the grid (2), the grid and/or the active mass being chosen among components and/or material likely to generate excessive shedding and/or mossing, the flat electrode further comprising a protection (1) tightly fitted on said grid and/or said active mass to limit said excessive shedding and/or mossing.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013

(21) Application No.2425/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR FORMING IMAGES

(51) International classification :G03B37/02,H04N13/00
(31) Priority Document No :10509776
(32) Priority Date :20/09/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/051124
Filing Date :20/09/2011
(87) International Publication No :WO 2012/039669
(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)MOBILE IMAGING IN SWEDEN AB
Address of Applicant :Ideon Research Park Scheelevgen 17 S 223 70 Lund Sweden
(72)**Name of Inventor :**
1)NIEMI Sami

(57) Abstract :
According to one aspect of the present inventive concept there is provided a method for forming images comprising: providing a plurality of images each image including a first image part and a second image part and each image depicting a respective partial view wherein there is an overlap between partial views depicted in pairs of consecutive images forming a first combined image from said first image parts which first combined image depicts a first continuous view and forming a second combined image from said second image parts which second combined image depicts a second continuous view wherein the first and the second continuous views overlap.

No. of Pages : 46 No. of Claims : 41

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

(21) Application No.2885/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELECTROMECHANICAL ELECTRICITY GENERATION SYSTEM

(51) International classification :A61N
(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)ROHIT SINGH

(57) Abstract :
An electromechanical energy generation system is provided. The system includes a mechanical platform configured to be depressed upon passage of a body on it. A motion conversion mechanism is coupled to the mechanical platform. The motion conversion mechanism converts the linear motion of the mechanical platform into a rotary motion. The system also includes sensors to sense the weight the body and a variable transmission mechanism. The transmission ratio of the variable transmission mechanism is selected based on the weight of the vehicle. The system further includes an energy storage mechanism and an electrical generator. The electrical generator is driven by the energy storage mechanism and produces electricity.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2013

(21) Application No.3241/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FOLDABLE SCOOTER

(51) International classification :B62K17/00,B62K11/02,B62K15/00
(31) Priority Document No :12/893981
(32) Priority Date :29/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053626
Filing Date :28/09/2011
(87) International Publication No :WO 2012/050871
(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)KIM Daniel Kee Young
2)LANANNA Scott Weaving
3)TAKEZAWA Isao

(57) Abstract :
Embodiments of the invention describe a quadrilateral frame to be utilized by a two wheeled vehicle. The quadrilateral frame may include front and rear vertical assemblies top and bottom collapsible horizontal assemblies the horizontal assemblies to collapse vertically. By collapsing the horizontal assemblies of the quadrilateral frame it is to be understood that the space occupied by the vehicle when it is not in use is significantly reduced.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2015

(21) Application No.2555/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR EVALUATING BLOOD COAGULATION REACTION

(51) International classification :G01N 33/86
(31) Priority Document No :2012217925
(32) Priority Date :28/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/075978
Filing Date :26/09/2013
(87) International Publication No :WO 2014/050926
(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)SOEDA, Tetsuhiro
2)SHIMA,Midori
3)KITAZAWA, Takehisa

(57) Abstract :
It is attempted to establish a method for evaluating a blood coagulation reaction using a substance having an alternative activity for the activity of coagulation factor VIII (FVIII) with respect to various hemostatic effect evaluation methods and various blood coagulation initiation reagents. As a result , it is found that when a coagulation initiation reagent comprising activated coagulation factor XI (FXIa) and a phospholipid is used , the effect of a substance having an alternative activity for the activity of coagulation factor VIII (FVIII) on a blood coagulation reaction can be evaluated employing the amount of thrombin produced in a blood sample as a measure.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.2705/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FASTENER SYSTEM COMPRISING A RETENTION MATRIX AND A COVER

(51) International classification :A61B17/064,A61B17/072
(31) Priority Document No :12/894388
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054067
Filing Date :29/09/2011
(87) International Publication No :WO 2012/044854
(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)WOODARD James A.
2)SCHEIB Charles J.
3)BOURDREAUX Chad B.
4)BRUEWER Dean B.
5)SCHWEMBERGER Richard F.
6)SCHALL Christopher J.
7)SWAYZE Jeffrey S.
8)MORGAN Jerome R.
9)SIMMS Robert J.
10)OUWERKERK John N.
11)DOLL Kevin R.

(57) Abstract :
A surgical fastening system can comprise a plurality of fasteners wherein each fastener can comprise one a base and two a leg extending from the base wherein each leg can comprise a tip. The fastener system can further comprise a retention matrix comprising a first side facing toward the bases of the fasteners a second side facing away from the bases of the fasteners and a plurality of retention members configured to engage the legs. The fastener system can further comprise a cover configured to cover the staple tips wherein the cover can comprise a sheet of material and/or a plurality of caps.

No. of Pages : 317 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.2950/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BIDIRECTIONAL OUTPUT MIXED HYDRAULIC POWER SYSTEM

(51) International classification :E02D5/46
(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 : 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 :**
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2)Wei-Li WU
3)Chien-Cheng SU
4)Wei-Jhe CHEN

(57) Abstract :
The present invention relates to a bidirectional output mixed hydraulic power system, which includes a hydraulic fluid that stores and contains therein a fluid tank; at least one electrical hydraulic pump connected to the fluid tank to draw in, pressurize, and output the hydraulic fluid; at least one mechanical hydraulic pump connected to the fluid tank to draw in, pressurize, and output the hydraulic fluid; at least two sequence check valves each connected to the electrical hydraulic pump and the mechanical hydraulic pump, each of the sequence check valves being set normally open in a first direction and preventing fluid returning in a second direction; and a dual pressure valve that is connected to the fluid tank and each of the sequence check valves for switching output direction of the hydraulic fluid.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2013

(21) Application No.3221/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SOLVENT AND METHOD FOR CO2 CAPTURE FROM FLUE GAS

(51) International classification :B01D53/14,B01D53/62,F23J15/04
(31) Priority Document No :61/383046
(32) Priority Date :15/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048575
Filing Date :22/08/2011
(87) International Publication No :WO 2012/036843
(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)ALSTOM TECHNOLOGY LTD
Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
(72)**Name of Inventor :**
1)VITSE Frederic
2)BEDELL, Stephen A.
3)BABURAO, Barath

(57) Abstract :
The present disclosure describes the efficient use of a catalyst an enzyme for example to provide suitable real cyclic capacity to a solvent otherwise limited by its ability to absorb and maintain a high concentration of CO2 captured from flue gas. This invention can apply to non promoted as well as promoted solvents and to solvents with a broad range of enthalpy of reaction.

No. of Pages : 16 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3404/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BANDAGE FOR APPLYING TO A HUMAN OR ANIMAL BODY

(51) International classification :A61F13/02
(31) Priority Document No :10 2010 042 772.1
(32) Priority Date :21/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/067806
Filing Date :12/10/2011
(87) International Publication No :WO 2012/052333
(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)KLOEPPELS Michael
2)MAA Ulrike

(57) Abstract :
The invention relates to a bandage for applying to a human or animal body comprising a two dimensional tape material (13) as base structure (14) with a longitudinal extent (L) made of a textile material with a first side (12) and a second side (15) wherein a cushioning layer (16) is provided on one (12) of the two sides at least over part of the longitudinal extent (L) of the base structure (14) wherein the cushioning layer (16) is composed of threads and/or fibres (18, 20) which are part of the textile base structure (14) i.e. which are introduced into and/or drawn out of the textile base structure (14).

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2010

(21) Application No.1909/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A NOVEL FORMULATION COMPRISING IBUPROFEN AND TIZANIDINE WITH ENHANCED BIOAVAILABILITY

(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

(71)**Name of Applicant :**
1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
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(72)**Name of Inventor :**
1)MR. SANJEEV JAIN

(57) Abstract :
The present invention is directed to a pharmaceutical formulation comprising ibuprofen and tizanidine along with the various excipients that are used to increase the bioavailability of the active ingredients.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2014

(21) Application No.1909/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITIONS CONTAINING EXTRACTS OF MALVA NEGLECTA

(51) International classification	:A61Q 19/08
(31) Priority Document No	:13/947,489
(32) Priority Date	:22/07/2013
(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 :**
1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC.
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1)MICHAEL D. SOUTHALL
2)KHALID MAHMOOD
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4)YAPING HU
5)KURT REYNERTSON
6)SUHYOUN CHON
7)RAMINE PARSA
8)MANPREET RANDHAWA

(57) Abstract :
The present invention relates to a skin care composition comprising an extract of Malva neglecta and a cosmetically acceptable topical carrier. Non-polar and / or lipophilic extracts have been found to be particularly effective in improving skin barrier function, improving the appearance of at least one sign of aging in skin, and / or lightening skin. The composition may further comprise an agent, such as an active cosmetic agent, for further treating the skin condition.

No. of Pages : 53 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2013

(21) Application No.2195/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : IMPLANTABLE FASTENER CARTRIDGE COMPRISING MULTIPLE LAYERS

(51) International classification :A61B17/072
(31) Priority Document No :12/894312
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053538
Filing Date :27/09/2011
(87) International Publication No :WO 2012/044630
(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)ETHICON ENDO SURGERY INC.
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(72)**Name of Inventor :**
1)SHELTON IV Frederick E.

(57) Abstract :
A fastener cartridge can comprise a compressible collapsible and/or crushable cartridge body and fasteners embedded within the cartridge body which can be utilized to fasten tissue. In use the fastener cartridge can be positioned in a first jaw of a surgical fastening device wherein the first jaw can be positioned opposite a second jaw or anvil. The anvil can be engaged with the fastener cartridge to compress collapse and/or crush the cartridge body and deform or otherwise deploy the fasteners contained therein. As the fasteners are deformed or deployed the fasteners can capture at least a portion of the cartridge body therein along with at least a portion of the tissue being fastened. In various embodiments the cartridge body can comprise a plurality of layers comprised of different materials which can apply pressure to the tissue. These different materials can have different stiffnesses and/or spring rates.

No. of Pages : 318 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.2265/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITIONS FOR GRAFTING FRAGRANCE SUBSTANCES

(51) International classification :C11D 3/16
(31) Priority Document No :61/708875
(32) Priority Date :02/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/056479
Filing Date :23/08/2013
(87) International Publication No :WO 2014/055169
(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)DENTE, Stephen V.;
2)BASILE, Ketrin Leka;
3)HARRAKA, Julianne;
4)JOHNSON, Garry;
5)THOTTATHIL, Paul;
6)MUKHERJEE, Satyabrata;
7)KESAVAN, Purushothaman;
8)RYAN, John;

(57) Abstract :
This disclosure relates to composition for grafting fragrance substances , as well as related articles, consumer products, and methods.

No. of Pages : 52 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2015

(21) Application No.2487/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AQUEOUS COATING COMPOSITION AND ANTI -GLARE COATING FORMED THEREFORM

(51) International classification :C09D 151/00
(31) Priority Document No :61/702435
(32) Priority Date :18/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060267
Filing Date :18/09/2013
(87) International Publication No :WO 2014/047094
(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)ROHM AND HAAS COMPANY
Address of Applicant :100 Independence Mall West, Philadelphia, PA 19106 U.S.A.
(72)**Name of Inventor :**
1)KAMEL, Nader H.;
2)LAFLEUR, Edward;
3)MAJUMDAR,Partha S.;
4)NUNGESSER, Edwin Hugh;

(57) Abstract :
Provided is an aqueous coating composition including: particular amounts of certain first solid polymeric particles having an average diameter of 0.60- 0.99µm; certain second solid polymeric particles having an average diameter of 2- 20µm, and mixtures thereof; and , third solid polymeric particles having a calculated Tg of from -60C to 120°C and an average particle diameter of from 50 nm to 500 nm; wherein the second solid polymeric particles have a K10 value of less than 1.9E+10 N/m2; wherein the difference between the refractive index of the outer surface of the second solid polymeric particles and the refractive index of the third solid polymeric particles is between 10E- 4 to 10E- 2; and wherein the aqueous coating composition comprises less than 10% by volume , inorganic extender particles. A method for providing a coating from the aqueous coating composition and a low glare coating so formed are also provided.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.3411/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEMS METHODS AND APPARATUSES FOR DIRECT EMBOSSMENT OF A POLYMER MELT SHEET

(51) International classification :B32B38/06,B32B27/20,B32B17/10
(31) Priority Document No :61/418275
(32) Priority Date :30/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/059963
Filing Date :09/11/2011
(87) International Publication No :WO 2012/074702
(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)SPANGLER Lora Lee
2)YACOVONE Vincent
3)KARAGIANNIS Aristotelis
4)MATIS Gary
5)NAGARAJANC Pratapkumar
6)SMITH Andrew Neil
7)SZYDLOWSKI Witold
8)URBAN Richard F.
9)FENG Wenlai

(57) Abstract :
A continuous single stage embossing station comprised of two (2) temperature controlled engraved rollers which is located immediately after the extrusion die in the manufacturing process for multi layer laminated glass panels and allows for dual simultaneous embossment of both sides of a polymer melt sheet and produces a polymer interlayer sheet with increased permanence embossed retention values and decreased incidence of mottle and stack sticking peel force values. Also disclosed herein is an embossed polymer interlayer sheet with a first side a second side and an embossed surface on at least one of the sides with a surface roughness Rz of 10 to 90 microns on the embossed surface a permanence of greater than 95% when tested at 100°C for five (5) minutes and an embossed surface retention of greater than 70% when tested at 140 °C for five (5) minutes.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2879/DEL/2010 A
(19) INDIA
(22) Date of filing of Application :03/12/2010
(43) Publication Date : 15/04/2016

(54) Title of the invention : A MULTI-FORMAT KARAOKE PLAYER

(51) International classification :G10H
(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 :B-35, UDYOG VIHAR, GREATER NOIDA-201306 NEW-DELHI INDIA. Delhi India
(72)**Name of Inventor :**
1)MR. Y M YOON
2)KOREAN NATIONAL

(57) Abstract :
The invention relates to a Multi Format Karaoke System for displaying including self learning of songs by an user, comprising : a microphone [001] for converting users voice into electrical signals; a key input [002] for enabling input related to the selection of songs for sound playback; an authorization unit [007] for identification of code and prevent fake systems as well authorization of a genuine Karaoke disc; a remote control unit [006] providing a selection input to select songs; a signal processing unit (s) comprising an audio decoder [004] for converting digital signals into analog signals so as to play back and output digital data or converting the users voice analog signals input after amplification by an amplifier [003] through a second microphone [009] into digital signal; a video encoder [008] for processing multimedia data including image files; a main processor unit [005] for detection of audio data from the original track of a music video, and a second track displaying the same music but without emitting the sound of singing of the original artist; an audio amplification unit [009] to amplify the processed audio signal; and a display unit [010] capable of outputting video and audio signals. The invention further relates to a method of operating a multiformat Karaoke system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2013

(21) Application No.3237/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ANTITUSSIVE COMPOSITIONS COMPRISING MEMANTINE

(51) International classification :A61K31/13
(31) Priority Document No :61/392291
(32) Priority Date :12/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056004
Filing Date :12/10/2011
(87) International Publication No :WO 2012/051333
(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)THE JOHNS HOPKINS UNIVERSITY
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2)CERECOR INC.
(72)**Name of Inventor :**
1)PATERSON Blake
2)GINSKI Mark
3)CANNING Brendan

(57) Abstract :
Memantine compositions and methods of use are described herein. In some embodiments the compositions comprise memantine and an absorption enhancer or memantine and an elimination enhancer or memantine and an absorption enhancer and an elimination enhancer.

No. of Pages : 115 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.3420/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : REAL TIME DATABASE SYSTEM

(51) International classification :G06F17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/068312
Filing Date :26/11/2010
(87) International Publication No :WO 2012/069091
(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)CHERCOLES Jose Maria
2)FERRANDO LLOPIS Roman

(57) Abstract :
The present invention relates to a real time database system configured to store a database content with a plurality of data sets the database content being partitioned in different partitions (P1-P5). The system comprises a plurality of master databases (10-50) each master database containing a partition of the database content each partition being provided on a different physical storage unit and at least one replica database (110-510) each replica database containing subpartitions (11-54) of the partitions stored in master databases (10-50). Furthermore the system comprises at least one distributor (1-5) configured to route a request for a data set to the master database (10-50) where the data set to which the request refers to is provided and distributor (1-5) configured to divide each partition (P1-P5) into several subpartitions. Additionally the system comprises at least one replicator (100-500) configured to generate a replica (11-54) of each subpartition and configured to store each replica (11-54) on a replica database (110-510) wherein the at least one replicator (100-500) stores the replicas (11-54) of each subpartition in such a way that the replicas of one partition are contained on different physical storage units on a physical storage unit other than the corresponding partition (P1-P5) and on a physical storage unit other than the replicator (100-500) generating the replica (11-54) of said one partition wherein the distributor is configured to route a replication request for a subpartition to the replicator responsible for said subpartition.

No. of Pages : 35 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2009

(21) Application No.1271/DEL/2009 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD AND COMPOSITION FOR THE PRODUCTION OF HUMAN INTERFERON α 2B IN PICHIA PASTORIS

(51) International classification :C12N
(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 :**
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2)SAHAI VIKRAM
3)GHOSALKAR ANAND

(57) Abstract :
The present invention relates to a process for the production of recombinant human interferon alpha 2b in a chemically defined medium using recombinant yeast/Pichia pastoris. The present invention also relates to a culture medium used for the preparation of recombinant human interferon alpha 2b utilizing Pichia pastoris.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2015

(21) Application No.2012/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FLEXIBLE DEVICE AND OPERATING METHODS THEREOF

(51) International classification :H01L41/08, G06F3/01
(31) Priority Document No :1020120092609
(32) Priority Date :23/08/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/007578
Filing Date :23/08/2013
(87) International Publication No :WO 2014/030963
(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 Jin
2)CHIN Woo seok
3)JUNG Ji yeon

(57) Abstract :
A flexible device includes a flexible body and a plurality of piezoelectric materials arranged on the flexible body that deform in response to drive signals causing deformation of the flexible body of the flexible device.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2014

(21) Application No.3178/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DISPLACEMENT DEVICES AND METHODS FOR FABRICATION USE AND CONTROL OF SAME

(51) International classification	:H02K41/02, H01L21/67
(31) Priority Document No	:61/551953
(32) Priority Date	:27/10/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2012/050751 :22/10/2012
(87) International Publication No	:WO 2013/059934
(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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(72)**Name of Inventor :**
1)LU Xiaodong
2)USMAN Irfan Ur Rab

(57) Abstract :
Displacement devices comprise a stator and a moveable stage. The stator comprises a plurality of coils shaped to provide pluralities of generally linearly elongated coil traces in one or more layers. Layers of coils may overlap in the Z direction. The moveable stage comprises a plurality of magnet arrays. Each magnet array may comprise a plurality of magnetization segments generally linearly elongated in a corresponding direction. Each magnetization segment has a magnetization direction generally orthogonal to the direction in which it is elongated and at least two of the magnetization directions are different from one another. One or more amplifiers may be connected to selectively drive current in the coil traces and to thereby effect relative movement between the stator and the moveable stage.

No. of Pages : 107 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2013

(21) Application No.3276/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CELLULOSE SACCHARIFICATION APPARATUS BIOMASS SACCHARIFICATION APPARATUS FERMENTATION APPARATUS AND CELLULOSE SACCHARIFICATION METHOD

(51) International classification :C12P19/02
(31) Priority Document No :2010216134
(32) Priority Date :27/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072713
Filing Date :27/09/2011
(87) International Publication No :WO 2012/043850
(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)KITANO Makoto
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4)NARIAI Kentaro
5)KANEKO Norimitsu
6)HARA Michikazu

(57) Abstract :
A fermentation apparatus (A) of the present invention comprising: an enzymatic reactor (4) for degrading cellulose using a diastatic enzyme and a first catalytic reactor (5) for degrading the degradation product produced by the enzymatic reactor (4) into glucose using a solid acid catalyst (X). According to this fermentation apparatus (A) saccharification treatment of cellulose can be performed while reducing diastatic enzyme costs.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3366/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HEMAGGLUTININ POLYPEPTIDES AND REAGENTS AND METHODS RELATING THERETO

(51) International classification :A61K39/145,C12N7/00
(31) Priority Document No :61/389639
(32) Priority Date :04/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054831
Filing Date :04/10/2011
(87) International Publication No :WO 2012/047941
(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)THARAKARAMAN Kannan
2)VISWANATHAN Karthik
3)RAMAN Rahul
4)SASISEKHARAN Ram

(57) Abstract :
The present invention provides a system for analyzing interactions between glycans and interaction partners that bind to them. The present invention also provides HA polypeptides that bind to umbrella topology glycans and reagents and methods relating thereto.

No. of Pages : 606 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2013

(21) Application No.3542/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NUCLEIC ACID MODULATORS OF CLEC 2

(51) International classification :C12N15/115,A61K31/7088
(31) Priority Document No :61/393191
(32) Priority Date :14/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056422
Filing Date :14/10/2011
(87) International Publication No :WO 2012/051571
(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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2)MAHANTY Sanjoy K.
3)WOLFF Samuel C.
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5)RUSCONI Christopher P.

(57) Abstract :
Provided are ligands which bind to and regulate the function of CLEC 2. Nucleic acid CLEC 2 ligands described herein are able to inhibit CLEC 2 mediated platelet aggregation and may also provide use in regulating CLEC 2 mediated processes such as thrombus formation tumor metastasis Iymphangiogenesis HIV dissemination inflammatory response cytokine production and phagocytosis. Also disclosed herein are modulator molecules which can reverse the activity of the CLEC 2 ligand both in vitro and in vivo and ex vivo.

No. of Pages : 121 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.2185/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A WIND TURBINE BLADE WITH AN ELASTIC DEFORMABLE TRAILING EDGE

(51) International classification :F03D7/0232
(31) Priority Document No :1217212.8
(32) Priority Date :26/09/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052376
Filing Date :11/09/2013
(87) International Publication No :WO 2014/049330
(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)GUTIERREZ Joaquin
2)HAYDEN Paul

(57) Abstract :
A wind turbine blade comprising a fairing with a rigid structural component (12) which forms the majority of the aerodynamic profile and a non actively controllable elastically deformable trailing edge component (14) mounted on the structural component to complete the aerodynamic profile. The trailing edge component (14) is formed from a material having an elastic modulus in the range of 0 5 to 2.5 GPa such it will elastically buckle when loading on the trailing edge component exceeds a predetermined threshold. The structural component (12) comprises a unidirectional reinforcing layer adjacent to the trailing edge component with at least one layer of unidirectional fibres (26) extending in a substantially spanwise direction.

No. of Pages : 37 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2013

(21) Application No.3297/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SILENT FC VARIANTS OF ANTI CD40 ANTIBODIES

(51) International classification :C07K16/28
(31) Priority Document No :61/413567
(32) Priority Date :15/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/070058
Filing Date :14/11/2011
(87) International Publication No :WO 2012/065950
(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)NOVARTIS AG
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(72)**Name of Inventor :**
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2)RUSH James
3)VINCENT Karen

(57) Abstract :
The present invention relates to silent Fc variants of anti CD40 antibodies and compositions and methods of use of said antibodies for treating pathological disorders such as autoimmune and inflammatory disorders and/or for preventing or reducing the risk of graft rejection in transplantation.

No. of Pages : 97 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3385/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INHIBITORS OF LATE SV40 FACTOR (LSF) AS CANCER CHEMOTHERAPEUTICS

(51) International classification :A61K31/4704,A61K31/4741,A61P35/00
(31) Priority Document No :61/392607
(32) Priority Date :13/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054305
Filing Date :30/09/2011
(87) International Publication No :WO 2012/050985
(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)SCHAUS Scott
3)GRANT Trevor
4)BISHOP Joshua
5)KAVOURIS John
6)CHRISTADORE Lisa M.

(57) Abstract :
The present invention is directed to methods compositions and kits for treatment of cancer e.g. heptacellular carcinoma. In some embodiments the present invention discloses the use of a small molecule compound of formulas (I) (XXVI) as disclosed herein to inhibit transcription factor Late SV40 Factor (LSF) for treatment of cancer e.g. HCC.

No. of Pages : 164 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/11/2013

(21) Application No.3386/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : WIRELESS LAYERED STRUCTURE ANALYZER

(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)GOEL, Amit

(57) Abstract :
Wireless structure analyzer (100) for performing comprehensive structural evaluation of an asphalt pavement (102) is described. The wireless structure analyzer (100) includes receivers (104) which are placed on the asphalt payment (102) at pre-defined gaps. The receivers (104) are configured to detect and measure surface waves generated by an impact source (108). Further, the wireless structure analyzer (100) includes a controller (106) coupled to the receivers (104). The controller (106) includes a generation module (160) for receiving data pertaining to the surface waves from the receivers (104). The generation module (160) generates experimental dispersion curves (EDCs) based on the received data. Further, the controller (106) includes an analysis module (162) to determine whether the EDCs include information pertaining to structural parameters of the asphalt pavement (102). Based on the analysis, the analysis module (162) evaluates structural conditions of the asphalt pavement (102).

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2013

(21) Application No.3563/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MATRIX METALLOPROTEINASE INHIBITORS

(51) International classification :C07D237/32,C07D253/08,C07D265/26
(31) Priority Document No :2280/DEL/2010
(32) Priority Date :24/09/2010
(33) Name of priority country :India
(86) International Application No :PCT/IB2011/054227
Filing Date :26/09/2011
(87) International Publication No :WO 2012/038942
(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)SATTIGERI Jitendra
4)SATTIGERI Viswajanani
5)DAS Biswajit
6)CLIFFE Ian A.
7)BHATNAGAR Pradip Kumar
8)RAUF Abdul Rehman Abdul
9)MUSIB Arpita
10)SAHA Subham
11)YADAV Neeraj Kumar
12)AHAMMED Sabir
13)REDDY Ranadheer R.
14)RAY Abhijit
15)SRIVASTAVA Punit
16)DASTIDAR Sunanda Ghosh

(57) Abstract :
This invention also relates to pharmacological compositions containing the compounds of the present invention and methods of treating asthma rheumatoid arthritis COPD rhinitis osteoarthritis psoriatic arthritis psoriasis pulmonary fibrosis pulmonary inflammation acute respiratory distress syndrome perodontitis multiple sclerosis gingivitis atherosclerosis dry eye neointimal proliferation which leads to restenosis and ischemic heart faliure stroke renal diseases tumor metastasis and other inflammatory disorders characterized by over expression and over activation of matrix metalloproteinase using the compounds.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.2734/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FILTER DEVICE AND METHOD FOR REMOVING PAINT OVER SPRAY

(51) International classification :B05B15/12,B01D46/00
(31) Priority Document No :10 2010 041 552.9
(32) Priority Date :28/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/065937
Filing Date :14/09/2011
(87) International Publication No :WO 2012/048980
(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)HOLLER Sebastian
2)STEINBACH J¼rgen
3)FRIZ Katharina

(57) Abstract :
The invention relates to a filter device for removing paint over-spray from a crude gas flow (104) that contains over-spray particles, said device comprising at least one filter element (122) to which at least one portion of the crude gas flow (104) can be fed, and a clean gas Chamber (124) to which the crude gas flow (104), filtered by means of the filter element (122), can be fed as a clean gas flow. In order to obtain such a filter device with which, in the event of a filter rupture on at least one filter element (122) of the filter device, contamination of the clean gas side of the filter device and contamination of the regions lying downstream of the filter device in a painting Installation containing said filter device can be kept to a minimum, at least one security filter (168) arranged downstream of the at least one filter element is associated with the clean gas Chamber (124), by means of which security filter at least one portion of the crude gas flow can be filtered in the event of a filter rupture on at least one filter element.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.3350/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ENGINEERED POLYPEPTIDES HAVING ENHANCED DURATION OF ACTION

(51) International classification :A61K47/48,C07K14/575
(31) Priority Document No :61/387391
(32) Priority Date :28/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053770
Filing Date :28/09/2011
(87) International Publication No :WO 2012/050923
(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)SHARMA Abhinandini
9)SOARES Christopher J.
10)LEVY Odile E.
11)MAMEDOVA Lala

(57) Abstract :
Compounds are provided having inter alia good duration of action high potency and/or convenient dosing regimens including oral administration. The compounds are engineered polypeptides which incorporate an albumin binding domain in combination with one or more biologically active polypeptides. Also provided are pharmaceutical compositions and methods of treatment for diseases and disorders including obesity and overweight diabetes dyslipidemia hyperlipidemia Alzheimer s disease fatty liver disease short bowel syndrome Parkinson s disease cardiovascular disease and other and disorders of the central nervous system.

No. of Pages : 179 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2013

(21) Application No.3526/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR SEPARATING AND RECOVERING NGLS FROM HYDROCARBON STREAMS

(51) International classification :F25J3/02,B01D5/00
(31) Priority Document No :61/406633
(32) Priority Date :26/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057937
Filing Date :26/10/2011
(87) International Publication No :WO 2012/058342
(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)PATEL Kirtikumar Natubhai
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(57) Abstract :
This process comprises using unconventional processing of hydrocarbons e.g. natural gas for recovering C2+ and NGL hydrocarbons that meet pipeline specifications without the core high capital cost requirement of a demethanizer column which is central to and required by almost 100% of the world s current NGL recovery technologies. It can operate in Ethane Extraction or Ethane Rejection modes. The process uses only heat exchangers compression and simple separation vessels to achieve specification ready NGL. The process utilizes cooling the natural gas expansion cooling separating the gas and liquid streams recycling the cooled streams to exchange heat and recycling selective composition bearing streams to achieve selective extraction of hydrocarbons in this instance being NGLs. The compactness and utility of this process makes it feasible in offshore applications as well as to implementation to retrofit/revamp or unload existing NGL facilities. Many disparate processes and derivatives are anticipated for its use.

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2013

(21) Application No.3807/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CXCR2 BINDING POLYPEPTIDES

(51) International classification :C07K16/28
(31) Priority Document No :61/411083
(32) Priority Date :08/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/069571
Filing Date :07/11/2011
(87) International Publication No :WO 2012/062713
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)VAN HEEKE Gino

(57) Abstract :
The present invention relates to polypeptides directed against or specifically binding to chemokine receptor CXCR2 and in particular to polypeptides capable of modulating signal transduction from CXCR2. The invention also relates to nucleic acids vectors and host cells capable of expressing the polypeptides of the invention pharmaceutical compositions comprising the polypeptides and uses of said polypeptides and compositions for treatment of diseases involving aberrant functioning of CXCR2.

No. of Pages : 199 No. of Claims : 121

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014
(21) Application No.2891/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A SYSTEM AND METHOD FOR CONDUCTING JAM LOAD TEST ON A MECHANICALLY SYNCHRONISED HYDRAULIC ACTUATOR

(51) International classification :B64C5/10
(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 : 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)SURESH SRIVASTAVA
2)RAMESH KRISHNA

(57) Abstract :
The present disclosure provides a system for conducting jam load test on a hydraulic actuator. The system comprises a test stand to secure the hydraulic actuator to be tested, wherein, rod end of the hydraulic actuator comprises a worm shaft with one end connected to a flexible shaft. A first torque applying mechanism is connected to flexible shaft and configured to apply torque and maintain position of the flexible shaft. A second torque applying mechanism is connected to other end of the worm shaft and configured to apply additional torque onto the flexible shaft in extended position of the piston rod. Further, a loading mechanism is provisioned adjacent to the test stand and configured to apply axial load onto the hydraulic actuator. Also, a hydraulic pump is fluidly connected to the loading mechanism and the rod end for selectively supplying hydraulic fluid in extended and retracted position respectively.

No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014
(21) Application No.2892/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF LECITHIN WITH LOWER PEROXIDE VALUE

(51) International classification :C07F9/02
(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)RACHAPUDI BADARI NARAYANA PRASAD

(57) Abstract :
The present invention relates to an improved process for the preparation of lecithin with lower peroxide value from crude soybean lecithin. The present invention particularly relates to an improved process for the reduction of peroxide value in the bleached lecithin obtained through a process employing hydrogen peroxide and benzoyl peroxide. The present invention further relates to an improved process for obtaining an iodine fortified food grade lecithin with light color.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.3430/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DRUG DERIVATIVES

(51) International classification :C07D205/08,C07D209/18,C07D213/60
(31) Priority Document No :1019078.3
(32) Priority Date :11/11/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/052211
Filing Date :11/11/2011
(87) International Publication No :WO 2012/063085
(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)MURRAY Neil
4)LINDSAY Derek

(57) Abstract :
The present invention relates to derivatives of known active pharmaceutical compounds. These derivatives are differentiated from the parent active compound by virtue of being redox derivatives of the active compound. This means that one or more of the functional groups in the active compound has been converted to another group in one or more reactions which may be considered to represent a change of oxidation state. We refer to these compounds generally as redox derivatives. The derivatives of the invention may be related to the original parent active pharmaceutical compound by only a single step transformation or may be related via several synthetic steps including one or more changes of oxidation state. In certain cases the functional group obtained after two or more transformations may be in the same oxidation state as the parent active compound (and we include these compounds in our definition of redox derivatives). In other cases the oxidation state of the derivative of the invention may be regarded as being different from that of the parent compound. In many cases the compounds of the invention have inherent therapeutic activity on their own account. In some cases this activity relative to the same target or targets of the parent compound is as good as or better than the activity which the parent compound has against the target or targets.

No. of Pages : 239 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2014

(21) Application No.4568/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : WIND TURBINE ROTOR BLADE AND METHOD FOR DEICING A WIND TURBINE ROTOR BLADE

(51) International classification :H05B3/00
(31) Priority Document No :10 2011 086 603.5
(32) Priority Date :17/11/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/072822
Filing Date :16/11/2012
(87) International Publication No :WO 2013/072456
(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 :
A wind turbine rotor blade is provided comprising a rotor blade tip (11) a rotor blade trailing edge (12) a rotor blade root region (14) for fastening the rotor blade to a hub of a wind turbine and a rotor blade tip (13). The rotor blade extends from the rotor blade root region (14) along a longitudinal axis to the rotor blade tip (13). The rotor blade also has an air distributing unit (500) with an adjusting element (540) for directing an air stream into the rotor blade tip region (11) and/or a rotor blade trailing edge region (12).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2015

(21) Application No.2069/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : RANDOM PROPYLENE COPOLYMER FOR BOTTLES WITH GOOD OPTICAL PROPERTIES

(51) International classification :C08L23/00
(31) Priority Document No :12193059.8
(32) Priority Date :16/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/073180
Filing Date :06/11/2013
(87) International Publication No :WO 2014/075973
(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)KLIMKE Katja
3)BERNREITNER Klaus
4)SANDHOLZER Martina

(57) Abstract :
Propylene copolymer having a melt flow rate MFR (230°C) in the range of more than 1.0 to below 2.5 g/10min a xylene cold soluble content (XCS)in the range of 25.0 to 35.0 wt. % a comonomer content in the range of more than 7.5 to 12.0 wt. % wherein further the xylene cold soluble (XCS) fraction of the propylene copolymer has comonomer content in the range of 16.0 to 28.0 wt. % and an intrinsic viscosity (IV) in the range of more than 1.2 to below 2.5 dl/g.

No. of Pages : 46 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015
(21) Application No.2138/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NONWOVEN AND ABSORBENT ARTICLE

(51) International classification :A61F5/44
(31) Priority Document No :2012218979
(32) Priority Date :30/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/074735
Filing Date :12/09/2013
(87) International Publication No :WO 2014/050600
(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)HASHINO Akira
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(57) Abstract :
The purpose of the present invention is to provide a nonwoven for a top sheet of an absorbent article that is unlikely to stick after having absorbed menstrual blood that is smooth and dry and in which the absorbed menstrual blood is unlikely to diffuse on the nonwoven. This nonwoven has the following configuration. A nonwoven (1) for a top sheet of an absorbent article having a lengthwise direction (L) and a crosswise direction (C) wherein the nonwoven (1) has a plurality of ridge parts (2) and a plurality of groove parts (3) extending in the lengthwise direction (L) and disposed in alternating fashion in the crosswise direction (C) the nonwoven (1) being characterized in that the ridge parts (2) and the groove parts (3) have a plurality of through holes (4) and the ridge parts (2) have a region (17) containing a blood lubricity imparting agent that contains a predetermined blood lubricity imparting agent.

No. of Pages : 106 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.2207/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MOUTHPIECE FOR ACCURATE DETECTION OF EXHALED NO

(51) International classification :A61B5/08
(31) Priority Document No :61/707070
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062151
Filing Date :27/09/2013
(87) International Publication No :WO 2014/052741
(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 :
A low back pressure mouthpiece for accurate detection of exhaled nitric oxide (NO) includes a conduit for receiving the exhaled breath from the subject. An oxidizing filter for sample conditioning wherein the conduit and oxidizing filter operate to produce a back pressure of less than 4 cm HO; and a device for measuring the level of one or more components of the received exhaled breath.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.3338/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CYCLOPROPANE COMPOUND

(51) International classification	:C07D239/34,A61K31/505,A61K31/506
(31) Priority Document No	:2010211629
(32) Priority Date	:22/09/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/071325 :20/09/2011
(87) International Publication No	:WO 2012/039371
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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9)KAZUTA Yuji

(57) Abstract :
A compound represented by formula (A) [wherein Q represents -CH- or a nitrogen atom; R1a and R1b independently represent a C1-6 alkyl group or the like; R1c represents a hydrogen atom or the like; R2a, R2b, R2c and R2d independently represent a hydrogen atom, a halogen atom or the like; R3a, R3b and R3c independently represent a hydrogen atom, a halogen atom or the like; and R3d represents a hydrogen atom or the like] or a pharmaceutically acceptable salt thereof, which has an antagonistic activity on an orexin receptor, and therefore can be used as a therapeutic agent for sleep disorders, such as insomnia, on which the antagonistic activity on an orexin receptor is effective.

No. of Pages : 265 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2015

(21) Application No.5894/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR PRODUCING POLYMER

(51) International classification :C08F6/06,C08F36/04,C08F297/04
(31) Priority Document No :2013005658
(32) Priority Date :16/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/050122
Filing Date :08/01/2014
(87) International Publication No :WO 2014/112411
(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)SASAYA Eiji
3)SUZUKI Takuya

(57) Abstract :
A method for producing a polymer which comprises carrying out a polymerization step of polymerizing at least a conjugated diene monomer in a hydrocarbon solvent using an organic lithium compound as a polymerization initiator to produce a polymer and subsequent to the polymerization step carrying out steps (1) to (4) as mentioned below sequentially: (1) a step of mixing an acid and 20 to 300 parts by mass of water with 100 parts by mass of a solution containing the polymer; (2) a step of reducing the amount of water to 10 parts by mass or less relative to 100 parts by mass of the solution containing the polymer; (3) a step of adding a carbon dioxide gas and/or a compound capable of decarbonation to the solution containing the polymer; and (4) a step of desolvating the solution containing the polymer until the concentration of the polymer becomes 95 mass% or more.

No. of Pages : 56 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.2741/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONTINUOUS PROCESS FOR NANOMATERIAL SYNTHESIS FROM SIMULTANEOUS EMULSIFICATION AND DETONATION OF AN EMULSION

(51) International classification :C01B13/32,C01F7/16,B01J3/08
(31) Priority Document No :105340
(32) Priority Date :18/10/2010
(33) Name of priority country :Portugal
(86) International Application No :PCT/IB2011/054637
Filing Date :18/10/2011
(87) International Publication No :WO 2012/052923
(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)CALADO DA SILVA Jo£o Manuel

(57) Abstract :
The present invention refers to a continuous process for in secco nanomaterial synthesis from the emulsification and detonation of an emulsion. The said process combines the simultaneous emulsification and detonation operations of the emulsion, thus assuring a production yield superior to 100 kg/h. When guaranteeing that the sensitization of the emulsion occurs mainly upon its feeding into the reactor, it is possible to avoid the accumulation of any class-1 substances along the entire synthesis process, thus turning it into an intrinsically safe process. Afterwards, dry collection of the nanomaterial avoids the production of liquid effluents, which are very difficult to process. Given that theres neither accumulation nor resort to explosive substances along the respective stages, the process of the present invention becomes a safe way of obtaining nanomaterial, thus allowing it to be implemented in areas wherein processes with hazardous substance aid are not allowed.

No. of Pages : 32 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2013

(21) Application No.3532/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : WIDE AREA POSITIONING SYSTEM

(51) International classification :G01C9/00
(31) Priority Document No :61/413170
(32) Priority Date :12/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060655
Filing Date :14/11/2011
(87) International Publication No :WO 2012/065184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)VAJJHALA Prasad
8)SINGH Rajendra

(57) Abstract :
Positioning systems and methods comprise a network of transmitters that broadcast positioning signals comprising ranging signals and positioning system information. A ranging signal comprises information used to measure a distance to a transmitter broadcasting the ranging signal. A reference sensor array comprising at least one reference sensor unit is positioned at a known location. A remote receiver includes an atmospheric sensor collecting atmospheric data at a position of the remote receiver. A positioning application is coupled to the remote receiver and generates a reference pressure estimate at the position of the remote receiver using the atmospheric and reference data from the reference sensor array. The positioning application computes the position of the remote receiver using the reference pressure estimate and information derived from at least one of the positioning signals and satellite signals that are signals of a satellite based positioning system. The position includes an elevation.

No. of Pages : 171 No. of Claims : 162

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2013

(21) Application No.3719/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HUMAN ANTI TAU ANTIBODIES

(51) International classification :C07K16/18,C07K16/46
(31) Priority Document No :10013494.9
(32) Priority Date :11/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/002786
Filing Date :11/10/2011
(87) International Publication No :WO 2012/049570
(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)GRIMM Jan
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4)NITSCH Roger
5)HOCK Christoph

(57) Abstract :
Provided are human tau specific antibodies as well as fragments derivatives and variants thereof as well as methods related thereto. Assays kits and solid supports related to antibodies specific for tau are also disclosed. The antibody immunoglobulin chain (s) as well as binding fragments derivatives and variants thereof can be used in pharmaceutical and diagnostic compositions for tau targeted immunotherapy and diagnosis respectively.

No. of Pages : 176 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2014
(21) Application No.5474/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FRICTION TRANSMISSION BELT AND METHOD FOR PRODUCING SAME

(51) International classification :F16D
(31) Priority Document No :2011273553
(32) Priority Date :14/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/007957
Filing Date :12/12/2012
(87) International Publication No :WO 2013/088718
(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)YOSHIDA Keisuke
2)KIM Sungjin

(57) Abstract :
This friction transmission belt (B) has a belt body (10) formed of a rubber composition wound around a pulley to transmit power. A thermoplastic resin film (16) is attached to a pulley contact side surface on the belt body (10) and a frictional coefficient lowering powder (17) is dispersed and attached thereto.

No. of Pages : 55 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2014

(21) Application No.592/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : OCCLUSIVE DEVICE DELIVERY SYSTEM WITH MECHANICAL DETACHMENT •

(51) International classification :A61F
(31) Priority Document No :13/802,101
(32) Priority Date :13/03/2013
(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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(57) Abstract :
A delivery system for an embolic coil including a delivery tube having a lumen. A proximal coil junction is disposed between the delivery tube and the embolic coil. Insertable through the lumen and extending proximally beyond the proximal end of the delivery tube is a detachable wire with a terminating feature disposed on its distal end. At least one stretch resistant member is disposed within a lumen formed by the embolic coil. A distal end of each of the at least one stretch resistant members is secured to a distal end of the embolic coil, while each of the at least one stretch resistant members is also secured proximate the proximal end of the embolic coil. The distal end of the delivery tube is retained by the wire physically against without being attached in any way to the proximal junction.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.3407/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR PREPARING 5 [1 (4 CHLOROPHENYL) METHYLENE] 1 HYDROXYMETHYL 2 2 DIMETHYL CYCLOPENTANOL

(51) International classification :C07C29/17,C07C29/10,C07C35/21
(31) Priority Document No :10186048.4
(32) Priority Date :01/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/066803
Filing Date :28/09/2011
(87) International Publication No :WO 2012/041871
(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)ZIERKE Thomas

(57) Abstract :
A process for preparing diols (la) and (lb) with water and hydrogenating the resulting 5-[l -(4-chlorophenyl)-meth- (E)-ylidene]- 1 - hydroxymethyl-2,2-dimethyl-cyclopentanol (III) with hydrogen in the presence of a metal catalyst. Compounds (la), (lb) and (III) are intermediates for synthesizing Metconazole.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2013

(21) Application No.3764/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DIKETOPIPERAZINE FORMING DIPEPTIDYL LINKER

(51) International classification :C07K1/04,C07K14/16,C07K5/06
(31) Priority Document No :10014114.2
(32) Priority Date :29/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/005280
Filing Date :20/10/2011
(87) International Publication No :WO 2012/055509
(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)GIRAUD Matthieu
4)GONGORA BENITEZ Miriam
5)TULLA PUCHE Judit

(57) Abstract :
The invention relates to a method for homogeneous solution phase peptide synthesis (HSPPS) of a N-terminal peptide fragment PEP-N and a C-terminal peptide fragment C-PEP, with C- PEP carrying a specific diketopiperazine (DKP) comprising C-terminal protecting group, which contains a handle group HG, with HG being connected to the C-terminus of the peptide fragment; thereby this specific DKP comprising C-terminal protecting group can be selectively cleaved from the peptide as a conventionally used C-terminal protecting group. By the use of this DKP and HG comprising C-terminal protecting group, certain process steps in convergent peptide synthesis based on a combination of HSPPS and solid phase peptide synthesis (SPPS) can be avoided. The invention relates further to a method for the preparation of such specifically protected fragment C-PEP by SPPS by using a linker comprising a specific dipeptide and HG for connecting the growing peptide chain to the resin, which linker forms said DKP group, when the peptide fragment C-PEP is cleaved from the supporting resin; and further to the intermediates of the preparation method.

No. of Pages : 144 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2013

(21) Application No.591/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A NOVEL SYSTEM FOR LEAKAGE DETECTION OF BRAKE OIL FLUID IN AUTOMOBILES

(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 :
This invention relates to a simple mechanism for leakage detection of brake oil in automobile car. The current mechanism consists of magnetic flux generator, brake oil with ferrite nano particles and corrosion inhibitor, magnetic field change detector sensor i.e. the sensor based on Hall Effect. In this process brake line is magnetized by solenoid valve and D.C voltage. If there is any change in magnetic field due to leakage of fluid, it will be detected by the sensor based on Hall Effect and shows in the digital meter.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2014

(21) Application No.591/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : POWER SUPPLY CIRCUIT, POWER SUPPLY SYSTEM, AND ELECTRIC STORAGE DEVICE

(51) International classification	:H02M
(31) Priority Document No	:2013-082659
(32) Priority Date	:11/04/2013
(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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2)NORITOSHI IMAMURA

(57) Abstract :
There is provided a power supply circuit including a first series regulator including a first semiconductor element and a first constant voltage source, and a second series regulator including a second semiconductor element and a second constant voltage source, wherein the first series regulator and the second series regulator are cascaded and an input voltage to the first series regulator is a high voltage equal to or greater than 500 V.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2014

(21) Application No.621/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HETEROGENEOUS CELLULAR NETWORK

(51) International classification :C02F
(31) Priority Document No :201310076449.1
(32) Priority Date :11/03/2013
(33) Name of priority country :China
(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)Chunguang LIU
3)Sheng ZHOU
4)Peng YANG
5)Zhisheng NIU
6)Mika MIZUTANI

(57) Abstract :
Provided is a micro base station to be used in a heterogeneous cellular network. The micro base station has resources including frequency bands and time slots and being available for a user to use. The heterogeneous cellular network includes a plurality of base stations including a macro base station and the micro base station. The micro base station includes: an information acquiring part configured to acquire configuration information and load information of the micro base station, and to acquire configuration information and load information of a neighboring base station adjacent to the micro base station from the neighboring base station; and a resource selection part configured to select a part of the resources from the resources to provide the selected part of the resources to the user based on the configuration information and the load information of the micro base station and the neighboring base station.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.21/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :03/01/2014
(43) Publication Date : 15/04/2016

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF ARIPIPRAZOLE

(51) International classification :C07D215/00
(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)SINGH VANI
3)YADAV ARUN

(57) Abstract :
The present invention relates an improved and cost-effective, industrially advantageous process for the preparation of pure aripiprazole, wherein concerned impurity i.e. corresponding quinoline impurity, namely 7-(4-(4-(2,3-dichlorophenyl)piperazin-1-yl)butoxy)quinolin-2(1H)-one is reduced to an amount of less than 0.1 area % as measured by HPLC, by improving purity at an intermediate stage by using inexpensive reagent and mild reaction conditions.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2166/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FLEXIBLE DISPLAY DEVICE AND METHOD OF CONTROLLING SAME

(51) International classification :G06F 3/14
(31) Priority Document No :1020120091885
(32) Priority Date :22/08/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/007553
Filing Date :22/08/2013
(87) International Publication No :WO 2014/030947
(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)KIM Hyun jin
4)KUMAR Nipun
5)LEE Chang soo

(57) Abstract :
A flexible display device is disclosed. The flexible display device includes: a display unit; a first sensing unit that senses an area exposed in a rolling state from among all areas of the display unit if the display unit is rolled; a second sensing unit that senses a user grip area hidden by a user grip on the exposed area; and a control unit that controls the display unit so that a screen on an area excluding the user grip area from among the exposed area is reconfigured and displayed when the exposed area and the user grip area are sensed.

No. of Pages : 124 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.2919/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ANTI-PHOTOAGEING, ANTI-BLEMISHES, AND UV PROTECTIVE FORMULATION

(51) International classification :A61Q19/08
(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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5)SRIVASTAVA, Ravi Bihari
6)Rajkumar

(57) Abstract :
The present disclosure relates to a formulation comprising seabuckthorn seed oil. The present disclosure further relates to a process for the preparation of the formulation.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3372/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TERMINAL DEVICE

(51) International classification :G06F1/16,G06F3/01
(31) Priority Document No :1020100107696
(32) Priority Date :01/11/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/008148
Filing Date :28/10/2011
(87) International Publication No :WO 2012/060585
(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)HAN Ji Woong

(57) Abstract :
One embodiment of the present invention relates to a terminal device wherein the image which is displayed on the terminal display part of a portable terminal can be enlarged and displayed on the unit display part of a display unit and various functions of the portable terminal can be used via the display unit.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2014

(21) Application No.6138/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING VIRAL INFECTIONS

(51) International classification :A61K39/29,
(31) Priority Document No :61/585971
(32) Priority Date :12/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/000453
Filing Date :11/01/2013
(87) International Publication No :WO 2013/104995
(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 disclosure provides compositions and methods useful for treating viral infections. As described herein the compositions and methods are based on the development of immunogenic compositions that include an inactivated virus in combination with a non ionic surfactant vesicle (NISV). In certain embodiments at least a portion of the antigen present in the composition is physically associated with the NISV. In certain embodiments the compositions are lyophilized and subsequently rehydrated after a period of storage. In certain embodiments the rehydrated compositions exhibit greater potency as compared to otherwise equivalent compositions that lack the NISV. In certain embodiments the lyophilized compositions are stored at temperatures in excess of 8°C prior to rehydration. In certain embodiments the rehydrated compositions exhibit greater potency as compared to otherwise equivalent compositions that lack the NISV and that were also stored at temperatures in excess of 8°C prior to rehydration. In certain embodiments the antigen is taken from a licensed vaccine and the administered dose of antigen is less than the standard human dose for the licensed vaccine.

No. of Pages : 33 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2014
(21) Application No.6437/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NOVEL HERBICIDE RESISTANCE GENES

(51) International classification :A01H5/10
(31) Priority Document No :60/731,044
(32) Priority Date :28/10/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/042133
Filing Date :27/10/2006
(87) International Publication No :WO/2007/053482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3455/DELNP/2008
Filed on :25/04/2008

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2)LIRA, Justin, M.
3)WALSH, Terence, Anthony
4)MERLO, Donald, J.
5)JAYAKUMAR, Pon, Samuel
6)LIN, Gaofeng

(57) Abstract :
The subject invention provides novel plants that are not only resistant to 2;4-D, but also to pyridyloxyacetate herbicides. Heretofore, there was no expectation or suggestion that a plant with both of these advantageous properties could be produced by the introduction of a single gene. The subject invention also includes plants that produce one or more enzymes of the subject invention stacked together with one or more other herbicide resistance genes. The subject invention enables novel combinations of herbicides to be used in new ways. Furthermore, the subject invention provides novel methods of preventing the development of, and controlling, strains of weeds that are resistant to one or more herbicides such as glyphosate. The preferred enzyme and gene for use according to the subject invention are referred to herein as AAD-12 (AryloxyAlkanoate Dioxygenase). This highly novel discovery is the basis of significant herbicide tolerant crop trait and selectable marker opportunities.

No. of Pages : 155 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2164/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MACHINABLE COPPER ALLOY COMPRISING LEAD FOR ELECTRICAL CONNECTORS

(51) International classification :C22C9/06
(31) Priority Document No :1438/12
(32) Priority Date :22/08/2012
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2013/067365
Filing Date :21/08/2013
(87) International Publication No :WO 2014/029798
(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)RUNSER Vincent
2)CACCIOPPOLI Giulio
3)TARDENT Jean Pierre

(57) Abstract :
The present disclosure concerns a machinable precipitation hardenable copper alloy comprising between 1 and 4.1 wt.% of Ni;between 0.3 and 3.0 wt.% of Si; between 0.4 and 4.0 wt.% of Pb; no more than 0.5 wt.% of Sn; no more than 0.5 wt. % of Cr; no more than 0.5 wt.% of Zn; no more than 0.5 wt. % of Zr; no more than 0.1wt.% of Fe; no more than 0.3 wt.% of P; and unavoidable impurities; the remainder being constituted essentially of Cu. The present disclosure further concerns a production method for obtaining a semi finished copper alloy product comprising the copper alloy. Said copper alloy product can be used for manufacturing electrical connectors such as sockets and pins.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2009

(21) Application No.2378/DEL/2009 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR USER INTERACTION

(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)PRATAP, PRABHAKAR MANI
(72)**Name of Inventor :**
1)JOSHI, SHAILESH
2)PRATAP, PRABHAKAR MANI

(57) Abstract :
A system and method for user interaction is described herein. The instant invention facilitates interaction of user through his/her communication device (mobile phone) without actually completing a call. The instant invention attempts to utilize the information (like number, location/tower-id etc) sent by the communication device while making the call. The moment this information is received the process of calling is terminated by the receiver and relevant information is fetched and communicated to the user's communication device. Figs. 1, 2.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2013
(21) Application No.2598/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : IMAGE PROCESSING DEVICE AND METHOD

(51) International classification :H04N 7/32
(31) Priority Document No :2009-105937
(32) Priority Date :24/04/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/057127
Filing Date :22/04/2010
(87) International Publication No :WO 2010/123056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7972/DELNP/2011
Filed on :17/10/2011

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAZUSHI SATO

(57) Abstract :
An image processing device Comprising: phase shift unit configured to horizontally shift the phase of an upper adjacent pixel adjacent to an intra prediction block to be processed for intra prediction; in accordance with intra prediction mode; prediction image generating unit configured to perform said intra prediction using said upper adjacent pixel of which the phase is shifted by said phase shift unit and to generate a prediction image of said intra prediction block; and decoding unit configured to decode said intra prediction block using a prediction image generated by said prediction image generating unit.

No. of Pages : 154 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(21) Application No.593/DEL/2013 A
(19) INDIA
(22) Date of filing of Application :01/03/2013
(43) Publication Date : 15/04/2016

(54) Title of the invention : LIPSTICK FORMULATION AND METHOD FOR PREPARING THE SAME

(51) International classification :C11D
(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)HARSHA KHARKWAL

(57) Abstract :
The present invention provides the new improved lipstick formulation which is prepared from the carbohydrate oils and is provided with shiny and soft effects on the lips. The composition of the lipstick formulation comprising the hydroxypropyl ethers of grandis, oils of seeds and leaves of grandis, gives a longer wear and maintaina a good stick structure. The lipstick uses no chemical dye that imparts cakey effect on the lips. The use of grandis oil has moisturizing properties that make lips soft and smooth.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.668/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VERTICAL ROLLER MILL •

(51) International classification :B02C
(31) Priority Document No :201310091797.6
(32) Priority Date :21/03/2013
(33) Name of priority country :Chile
(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)NOBUO TOKIOKA
2)FUMINORI ANDO
3)AKIRA ENDO
4)BUMPEI SUZUE
5)SHIGERU HOTTA

(57) Abstract :
In order to provide a vertical roller mill which does not deteriorate its reliability and can suppress an increase in production cost even when a mill becomes larger, this vertical roller mill 1 includes a rotary table 2 having a top surface to which a material to be ground is supplied; a grinding roller 2 configured to bite the material between the rotary table 2 and itself so as to grind the material; and a collection casing 21 configured to collect the material which has been discharged around the rotary table 2 accompanied with the rotation of the rotary table 2. The bottom surface of the collection casing 21 is formed with a plurality of inclined surfaces 22 which incline at a larger angle than a repose angle of the material collected into the collection casing 2.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.2496/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : l,2-DIHYDRO-4-HYDROXY-2-OXO-QUINOLINE-3-CARBOXANILIDES AS AHR ACTIVATORS.

(51) International classification :C07D215/56,A61K31/4365,A61K31/4704
(31) Priority Document No :10010122
(32) Priority Date :14/10/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/000179
Filing Date :11/10/2011
(87) International Publication No :WO 2012/050500
(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)PETTERSSON Lars

(57) Abstract :
The present invention relates to compounds which are 1, 2-dihydro-4- hydroxy-2-oxo quinoline-3-carboxanilides their thieno pyridone analogs and prodrugs thereof. This invention specifically relates to such derivatives containing an N hydrogen in the carboxanilide moiety and which exhibit modulating activity towards the aromatic hydrocarbon receptor (AhR) and specifically also to prodrugs thereof. The present invention also relates to use of said compounds as a medicament and for the treatment of cancer autoimmune disorders and other disorders with an immunological component and a pharmaceutical composition comprising one or more of said compounds and a method of treatment.

No. of Pages : 109 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2569/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : (RS)-2-(2-OXO-4-PHENYLPYRROLIDIN-1-YL)ACETAMIDE COMPOUND HAVING MODULATORY ACTIVITY WITH A COMMENSURATE EFFECT, PHARMACEUTICAL SUBSTANCE (VARIANTS) AND ITS APPLICATION, COMPOSITION (VARIANTS) THEREOF

(51) International classification	:A61P7/10, A61P25/00, C07D201/00
(31) Priority Document No	:2011138840
(32) Priority Date	:22/09/2011
(33) Name of priority country	:Russia
(86) International Application No Filing Date	:PCT/RU2012/000773 :20/09/2012
(87) International Publication No	:WO 2013/043085
(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 :**
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(57) Abstract :
The invention relates to various fields of medicine pharmaceutics and pharmacology and the chemical pharmaceutical pharmaceutical and parapharmaceutical industry and specifically concerns a novel class of agents which exhibit modulatory activity with a commensurate effect. The essence of the invention is that the proposed (RS) 2 (2 oxo 4 phenylpyrrolidin 1 yl)acetamide product does not contain biologically inert substances which exert a negative effect on its newly discovered or significantly improved known properties and characteristics giving rise to hitherto unknown fundamental and highly important ideas about the compound expanding the scope of use thereof with an increase in the effectiveness and safety of use and an increase in the therapeutic index and making it possible to produce the product and related products with the newly found properties and characteristics.

No. of Pages : 92 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2013

(21) Application No.3234/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ANTI IL 23 ANTIBODIES

(51) International classification :C07K16/24
(31) Priority Document No :61/410158
(32) Priority Date :04/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/058869
Filing Date :02/11/2011
(87) International Publication No :WO 2012/061448
(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)COPENHAVER Robert
5)FREGO Lee Edward
6)RAYMOND Ernest Lee
7)SINGH Sanjaya
8)ZHU Xiangyang

(57) Abstract :
The present invention relates to anti - IL - 23pl9 binding compounds, in particular humanized anti - IL - 23pl9 antibodies and therapeutic and diagnostic methods and compositions for using the same.

No. of Pages : 192 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.3328/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BICOMPONENT FIBERS AND METHODS FOR MAKING THEM

(51) International classification :D01D5/06,D01F6/46,D01F8/06
(31) Priority Document No :61/411497
(32) Priority Date :09/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056736
Filing Date :18/10/2011
(87) International Publication No :WO 2012/064469
(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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2)WESTWOOD Alistair D.
3)MEHTA Aspy K.

(57) Abstract :
The present invention relates to bicomponent polymer fibers and to processes for forming those fibers. Bicomponent polymer fibers are described having a core comprising a core polymer and a sheath comprising a sheath polymer wherein the sheath polymer is a polyolefm having an Mw less than about 65,000 g/mol. The core polymer has an Mw at least about 20,000 g/mol greater than the Mw of the sheath polymer. Processes for forming bicomponent fibers are also described comprising (i) forming a molten blend of a core polymer and a sheath polymer; (ii) extruding the molten polymer blend using an extrusion die having a length to diameter ratio greater than or equal to about 10 and under shear conditions sufficient to drive the sheath polymer to the die wall; and (iii) forming meltblown fibers having a core comprising the core polymer and a sheath comprising the sheath polymer.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014

(21) Application No.707/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ABDOMEN EXERCISE MACHINE

(51) International classification :A63B
(31) Priority Document No :US13/797393
(32) Priority Date :12/03/2013
(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)Willy Ho
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2)Willy Ho

(57) Abstract :
An exercise machine applicable for strengthening a users abdominal muscles is described. The exercise machine can include a base frame having a seat pad, a front leg and a rear leg to provide ground support. A mounting assembly a front pivot joint and a rear pivot joint may be rotably mounted on the base frame. A backrest assembly including a backrest pad, lever bars and backrest support bars can be pivotally coupled to the mounting assembly. The front ends of the backrest support bars can be pivotally coupled to the front pivot joint. The front ends of the level bars can be pivotally coupled to the rear pivot joint. The swivel movements can be controlled via a adjustable control mechanism including a height control adjustably attached to the mounting assembly to provide a stop height support of the backrest pad at the rear end of the backrest bars.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2013

(21) Application No.3300/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ANTIBIOFILM NANOPOROUS NANOSTRUCTURES AND METHOD TO PRODUCE SAME

(51) International classification :C23C4/12,B05D1/04,C23C28/02
(31) Priority Document No :61/392997
(32) Priority Date :14/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/034879
Filing Date :03/05/2011
(87) International Publication No :WO 2012/050639
(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)SEKHAR Jainagesh A.

(57) Abstract :
Durable nanoporous nanostructured materials that modify eliminate and destroy biofilms that may develop due to the presence of bacteria fungi and other microbes and method for making the same. Such nanoporous nanostructures may be deposited as coatings on a substrate and such coatings may include at least one nanopore and a plurality of nanoparticles which adhere to the substrate and/or other particles. The nanostructure can be produced using a single sided electrode arrangement which is configured to produce an electrical arc or discharge at one end of an electrode and to emit the nanoparticles from the electrode where the arc or discharge can be produced without the end of the electrode being in proximity to a grounded object. The nanoparticles form a non porous framework which delineates any nanopores and which can be deposited as one or more layers of nanothickness. Such nanostructures may be resistant to removal from the substrate. Also described are testing methods and apparatus for the quick accurate and simple evaluation of the efficacy of the antibiofilm properties of the nanoporous nanostructure.

No. of Pages : 46 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2014

(21) Application No.639/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : EXHAUST GAS SAMPLING APPARATUS

(51) International classification :G01N
(31) Priority Document No :2013-044940
(32) Priority Date :07/03/2013
(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 :**
1)KUMAGAI, Tatsuki

(57) Abstract :
The present invention is one that, in the case where a sampling part (8) is configured to include a plurality of venturis (81a to 81c), with suppressing an increase in size of an apparatus and an increase in cost, accurately obtains a diluent gas flow rate in accordance with a diluted exhaust gas flow rate obtained on the basis of a combination among the plurality of venturis, in which the sampling part (8) collecting part of diluted exhaust gas is configured to parallel connect the plurality of venturis that control the flow rate of the diluted exhaust gas, and a flow rate control part (9) provided in a diluent gas sampling flow path (SL2) is configured to parallel connect a plurality of venturis (91a to 91c) that control the flow rate of diluent gas to be introduced into a diluent gas analyzing device (M2).

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.685/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR PERFORMING AT LEAST ONE LEARNING FUNCTION IN A MOTOR VEHICLE AND MEANS TO IMPLEMENT THEREOF

(51) International classification :F02D
(31) Priority Document No :102013206641.4-
(32) Priority Date :15/04/2013
(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

(71)**Name of Applicant :**
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1)BUDISCAK, Benoit
2)REMY, Ronald

(57) Abstract :
The present subject matter relates to a method (100) for carrying out a learning function, which is used for providing at least one correction value to compensate for at least one nominal value of deviation of at least one component of a motor vehicle (1). By means of the learning function, at least a parameter is determined in at least one defined operating state of the motor vehicle (1) and is used for the determination of at least one correction value. It is provided that the method (100) includes motivating a driver of the motor vehicle (1) for operating the motor vehicle (1) in the at least one defined operating state. Means for implementing a corresponding method are also the subject of the invention.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.715/DEL/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BODY FRAME OF STRADDLE TYPE VEHICLE

(51) International classification :B62K11/02
(31) Priority Document No :2014-070134
(32) Priority Date :28/03/2014
(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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1)TAKAMASA IGUCHI
2)MASAHIKO TAKENAKA

(57) Abstract :
To provide a body frame of a straddle type vehicle that can easily ensure the moment of inertia of area in a welding portion of a rear frame, and can also easily suppress projection thereof toward the outside in the vehicle width direction.[Means for solving the problems] A front end portion 57F of a support frame portion includes flange portions 57G, 57H welded to a side face of a main frame 41, as well as a bulging portion 57J bulging inward in the vehicle width direction from the flange portions 57G, 5 7H, and the side face of the main frame 41 includes a second concave portion 72 for accommodating the bulging portion 57J, in a position corresponding to the bulging portion [Selected Drawing] FIG. 12

No. of Pages : 56 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2014

(21) Application No.4754/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DIALYSIS PRECURSOR COMPOSITION

(51) International classification :B65B1/00
(31) Priority Document No :11512340
(32) Priority Date :21/12/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2012/075007
Filing Date :11/12/2012
(87) International Publication No :WO 2013/092283
(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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2)GUSTAFSSON Jens
3)LINDEN Torbjrn

(57) Abstract :
The present invention concerns a dialysis acid precursor composition for use during preparation of a dialysis acid concentrate solution and for mixing with water and a bicarbonate containing concentrate into a ready for use dialysis solution. Said dialysis acid precursor composition consist of powder components comprising sodium chloride at least one dry acid and at least one magnesium salt and optionally potassium salt calcium salt and glucose. According to the invention said optional glucose is present as anhydrous component in said dialysis acid precursor composition and said at least one magnesium salt is present as magnesium chloride 4.5 hydrate ($MgCl \cdot 4.5H0$).

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2014

(21) Application No.4755/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AEROSOL GENERATING DEVICE WITH IMPROVED TEMPERATURE DISTRIBUTION

(51) International classification :A24F47/00
(31) Priority Document No :11196232.0
(32) Priority Date :30/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/077062
Filing Date :28/12/2012
(87) International Publication No :WO 2013/098395
(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)PLOJOUX Julien
2)GREIM Olivier

(57) Abstract :
There is provided an aerosol generating device configured to receive an aerosol forming substrate and configured to heat the aerosol forming substrate using both an internal heater positioned within the substrate and an external heater positioned outside of the substrate. The use of both an internal and an external heater allows each heater to operate at a lower temperature than would be required when using either an internal or external heater alone. By operating the external heater at a lower temperature than the internal heater the substrate can be heated to have a relatively uniform temperature distribution while the external temperature of the device can be kept to an acceptably low level.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2014

(21) Application No.4756/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DIALYSIS PRECURSOR COMPOSITION

(51) International classification :B65B1/00
(31) Priority Document No :11512357
(32) Priority Date :21/12/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2012/075008
Filing Date :11/12/2012
(87) International Publication No :WO 2013/092284
(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)GUSTAFSSON Jens
3)LINDEN Torbjrn

(57) Abstract :
The present invention concerns a dialysis acid precursor composition for use during preparation of a dialysis acid concentrate solution and for mixing with water a sodium containing concentrate and a bicarbonate containing concentrate into a ready for use dialysis solution. Said dialysis acid precursor composition consists of powder components comprising glucose at least one dry acid and at least one magnesium salt and optionally potassium salt and calcium salt. According to the invention said glucose is present as anhydrous components in said dialysis acid precursor composition and said at least one magnesium salt is present as magnesium chloride 4.5 hydrate ($MgCl \cdot 4 \cdot 5HO$).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.716/DEL/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VEHICLE ROLL ANGLE ESTIMATION DEVICE

(51) International classification :B62J99/00
(31) Priority Document No :2014-067148
(32) Priority Date :27/03/2014
(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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1)SATORU OKOSHI
2)TORU TAKENAKA
3)SHINYA SHIROKURA

(57) Abstract :
To provide a device that can stably and accurately estimate the roll angle of a vehicle body during various states of movement of the vehicle, body. [Means for solving the problems] A roll angle estimate value calculation portion 14 calculates an estimate value of the roll angle by integrating a value obtained by-correcting an estirnate value of roll angle ,velocity of a vehicle body 101 by use of a correction value, or by correcting a value obtained by integrating an estimate value of rollanglevelocitybyuse of a correctionvalue. The correction value is calculated by use of a detection value of speed of the vehicle body 101 in the traveling direction, detection values of angular velocity and acceleration detected by sensors mounted on the vehicle body 101, a previous estimate value of the roll angle, and a previous estimate value of the pitch angle of the vehicle body 101. [Selected Drawing] FIG. 3

No. of Pages : 56 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.2897/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AMMONIA GAS SENSING DEVICE USING A THIN FILM OF MNO2 NANO-FIBERS

(51) International classification :G01N1/22
(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)ROBIN KUMAR
2)DR. NEELAM KUSHWAHA
3)DR. RANJIT KUMAR

(57) Abstract :
The present invention relates to a novel device for sensing ammonia gas using a thin film of manganese oxide nanofibers at room temperature. Cryptomelane type octahedral molecular sieves of manganese oxide (OMS-2) nanofibers are used to sense ammonia gas. This sensing device works on the principle of resistance change due to the adsorption of ammonia on the acidic sites of OMS-2. The response time very low (in few seconds) and sensitivity is extremely good and can sense as low as 1 ppm ammonia in the air. The device is highly selective and shows repeatability for ammonia gas.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.3342/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : USE OF FEMALE MAMMAL S URINE FOR DETERMINATION OF FETAL GENDER RELATED CHARACTERISTICS

(51) International classification :G01N33/48,G01N33/74
(31) Priority Document No :12/884079
(32) Priority Date :16/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/049189
Filing Date :16/09/2010
(87) International Publication No :WO 2012/036691
(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)VERMA Kuldeep C.

(57) Abstract :
The present disclosure provides a method for determining the gender of a fetus by assaying the sex hormones. The method can be used to determine fetal gender at any time point during the entire pregnancy. The methods of the present disclosure also provide for a means for pre conception offspring gender planning by assaying the sex hormones. The sex hormone profiles correlates with the gender specific compatibility of the ovum being released during a particular menstrual cycle. Therefore assaying aforementioned parameters from a non pregnant female s urine will help a couple or an animal breeder have an offspring of a desired gender.

No. of Pages : 80 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.3433/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BACK SHEET OF A SOLAR CELL MODULE FOR PHOTOVOLTAIC POWER GENERATION

(51) International classification :H01L31/052
(31) Priority Document No :1020100099992
(32) Priority Date :13/10/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/007211
Filing Date :30/09/2011
(87) International Publication No :WO 2012/050316
(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)KIM Min Hyuk

(57) Abstract :
The present invention relates to a back sheet of a solar cell module for photovoltaic power generation and more particularly to a back sheet of a solar cell module for photovoltaic power generation including a first resin layer attached to EVA below a solar cell; a heat conductive layer at the bottom portion of the first resin layer; a lower layer at the bottom portion of the heat conductive layer; and an adhesive layer between the first resin layer and the heat conductive layer. The lower layer may include a heat conductive coating layer formed of an inorganic coating or organic inorganic composite hybrid coating and a second resin layer. Accordingly the present invention includes a first resin layer an adhesive layer a metallic heat conductive layer a lower layer and an adhesive layer so that insulation properties are improved by increasing withstand voltage and obtaining insulation thicknesses by means of the first resin layer. Moreover a heat conductive coating layer is introduced as the lower layer so that heat radiation performance is increased by high thermal conductivity emissivity and reflexibility in order to increase an amount of power generated from a solar cell module. Furthermore withstand voltage is increased by using a second resin layer as the lower layer and insulation properties are improved by obtaining an insulation thickness. Because of differences between thermal expansion coefficients and cooling rates of the adhesive layer and the thermal conductive layer the heat conductive layer is prevented from bending.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.7430/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TRANSDUCER WITH MOTION CONTROL

(51) International classification :H04R3/00,H04R29/00
(31) Priority Document No :61/606827
(32) Priority Date :05/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SG2013/000085
Filing Date :01/03/2013
(87) International Publication No :WO 2013/133765
(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)REINING Friedrich

(57) Abstract :
An audio system comprises an electro acoustic transducer (1) with transducer connections (12 13) to receive an audio signal (AS) in the audio frequency range from a driver circuit (14) and measure means (11) to measure the excursion of a diaphragm (3) of the electro acoustic transducer (1) wherein a sensor signal source (16) provides a sensor signal (SS) at the transducer connections (12, 13) with a sensor frequency beyond the audio frequency range and in the range of the resonance frequency of the electro acoustic transducer and wherein the measure means (11) comprise a sensor circuit (18) to sense changes of the impedance of the electro acoustic transducer (1) for the sensor signal (SS) at the transducer connections (12, 13) caused by the excursion of the diaphragm (3) due to the audio signal (AS).

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.2177/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification :A61K 8/02
(31) Priority Document No :2012218838
(32) Priority Date :28/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/074574
Filing Date :11/09/2013
(87) International Publication No :WO 2014/050573
(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)NODA Yuki
2)TAMURA Tatsuya
3)HASHINO Akira

(57) Abstract :
The purpose of the present invention is to provide an absorbent article that comprises a top sheet having an excretory orifice contact area that is unlikely to become sticky after absorbing menstrual blood that has a silky feel and that makes it difficult for absorbed menstrual blood to leak from the flaps thereof. The absorbent article of the present invention has the configuration indicated below. The absorbent article (1) of the present invention is provided with a liquid permeable top sheet (2) a liquid impermeable back sheet (21) and an absorbent body (3) that is arranged between the top sheet (2) and the back sheet (21). The absorbent article (1) is characterized by: the provision of a pair of flaps (4) for fixing the absorbent article (1) to the clothing of the wearer said flaps (4) being provided to both sides of the absorbent article (1) in the lengthwise direction thereof; the provision of each of a first area (7) containing a blood lubricity imparting agent and a second area (8) containing a blood lubricity imparting agent said areas containing a predetermined blood lubricity imparting agent and being provided to at least the excretory orifice contact area of the top sheet (2) and to the pair of flaps (4); and by the basis weight of the blood lubricity imparting agent in the first area (7) containing the blood lubricity imparting agent being greater than the basis weight of the blood lubricity imparting agent in the second area (8) containing the blood lubricity imparting agent.

No. of Pages : 110 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2015

(21) Application No.2468/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ANTI- FRICTION LATCHBOLT

(51) International classification :E05C 3/22
(31) Priority Document No :61/710261
(32) Priority Date :05/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063407
Filing Date :04/10/2013
(87) International Publication No :WO 2014/055839
(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)HICKMAN, Chad, A.;

(57) Abstract :
A latchbolt assembly includes a solid latchbolt having at least a first surface , a second surface and a third surface and an anti- friction bolt pivotally coupled to the solid latchbolt. The anti -friction bolt includes a cross member disposed adjacent the first surface of the solid latchbolt and a pair of plates depending from the cross member to form a U- shaped cross section. The plates are disposed adjacent the second and third surfaces of the solid latchbolt.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.723/DEL/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FILTERING METHOD FOR REMOVING BLOCK ARTIFACTS AND/OR RINGING NOISE AND APPARATUS THEREFOR

(51) International classification :H04N19/14
(31) Priority Document No :2002-5742
(32) Priority Date :31/01/2002
(33) Name of priority country :Republic of Korea
(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 :3/DEL/2003
Filed on :01/01/2003

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)Yong-je Kim
3)Yung-lyul Lee

(57) Abstract :
Provided are a filtering method and apparatus for removing blocking artifacts and ringing noise. The filtering method includes transforming video data in a blockby-block basis, and detecting the presence of an edge region in the video data by checking the distribution of values obtained by the transformation. Accordingly, it is possible to completely remove blocking artifacts and/or ringing noise by more effectively detecting the presence of an edge region in the video data.

No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/09/2014

(21) Application No.7549/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MAXIMUM POWER POINT TRACKING (MPPT)

(51) International classification :H02J7/35
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/025739
Filing Date :17/02/2012
(87) International Publication No :WO 2013/122610
(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)NA
(72)**Name of Inventor :**
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2)GARABANDIC Djordje

(57) Abstract :
Disclosed are methods systems and other implementations including a method that includes measuring a plurality of samples of power produced by a photovoltaic (PV) array over a first interval of time determining based on the measured plurality of samples a non linear predictive model of a behavior of the power produced by the PV array and performing a first adjustment of the PV array's voltage at a second time instant subsequent to an end of the first interval of time. The method further includes measuring at a third time instant another sample of the power of the PV array with the adjusted voltage and determining a power difference between the power of the PV array with the adjusted voltage at the third time instant and a computed power level of the PV array at the third time instant determined from the non linear predictive model.

No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/01/2013

(21) Application No.35/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR PRODUCTION OF BIOSURFACTANT BY BACILLUS THURINGIENSIS GROWN ON MUSTARD SEED MEAL

(51) International classification :A01N65/00
(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)SHRUTI MATHUR

(57) Abstract :
The present invention relates to a method for the production of biosurfactant by Bacillus thuringiensis serovar thuringiensis SMT2 (GenBank Accession number JX559762) utilizing media supplemented with mustard seed meal and whey. The biosurfactant produced at 5X concentration has an efficiency, in terms of EI of 90% which is twice as that of commercial surfactant Tween 20.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2014

(21) Application No.6635/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DUAL ANTIGEN INDUCED BIPARTITE FUNCTIONAL COMPLEMENTATION

(51) International classification	:C07K16/28,C07K16/30,C07K16/46
(31) Priority Document No	:12151125.7
(32) Priority Date	:13/01/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/050603 :14/01/2013
(87) International Publication No	:WO 2013/104804
(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)STUHLER Gernot

(57) Abstract :
The present invention relates to a set of polypeptides and its uses. In particular the present invention relates to a set of polypeptides whereby this set comprises two polypeptides each of which comprises a targeting moiety T binding to an antigen A and a fragment of F of a functional domain wherein said two polypeptides are not associated with each other in absence of a substrate that has A at (on) its surface and wherein upon dimerization of F the resulting dimer becomes functional. Furthermore medical and diagnostic uses of said set are described. Moreover the present invention relates to nucleic acid molecule(s) encoding said set of polypeptides. The present invention also relates to a vector comprising the nucleotide sequence of nucleic acid molecule(s) encoding said set of polypeptides. Furthermore the present invention relates to pharmaceutical compositions comprising said set of polypeptides. Moreover the present invention relates to a kit comprising said set of polypeptides.

No. of Pages : 147 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2015

(21) Application No.7868/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HISTIDYL TRNA SYNTHETASE FC CONJUGATES

(51) International classification :C12N9/00,C12N9/96,A61P21/00
(31) Priority Document No :61/789011
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/029699
Filing Date :14/03/2014
(87) International Publication No :WO 2014/145050
(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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2)CHIANG Kyle
3)DO Minh Ha
4)LEE Darin
5)PIEHL Kristi
6)THOMAS Marc
7)WATKINS Jeffry D
8)WU Chi Fang
9)MENDLEIN John D.

(57) Abstract :
The present invention provides histidyl tRNA synthetase and Fc region conjugate polypeptides (HRS Fc conjugates) such as HRS Fc fusion polypeptides compositions comprising the same and methods of using such conjugates and compositions for treating or diagnosing a variety of conditions. The HRS Fc conjugates of the invention have improved controlled release properties stability half life and other pharmacokinetic and biological properties relative to corresponding unmodified HRS polypeptides.

No. of Pages : 221 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2015
(21) Application No.863/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR FORMING LONG SHEETS OUT OF PLASTICIZED MATERIALS AND A DEVICE FOR IMPLEMENTING SAME

(51) International classification :B29C53/00
(31) Priority Document No :2012129689
(32) Priority Date :13/07/2012
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2013/000522
Filing Date :20/06/2013
(87) International Publication No :WO 2014/011080
(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)PERELMAN Vladimir Evseevich
(72)**Name of Inventor :**
1)GUBENKO Lev Anatolyevich
2)PERELMAN Vladimir Evseevich

(57) Abstract :
The group of inventions relates to the production of long products out of powdered plasticized masses by means of the extrusion thereof. The technical result of the invention consists in making it possible to form long sheets out of plasticized materials said sheets being uniform in structure and without defects. The method for forming long sheets out of plasticized powdered materials comprises: forming a blank pressing it through a deformation channel having a round cross section at the inlet thereof and a rectangular cross section at the outlet thereof thus providing for the stretching of the material then forming the product and calibrating same. In the process of pressing the material through the deformation channel deformation zones are formed in said material. In the first half of the length of the deformation channel the degree of deformation of the material in the central zone is no less than 80% while in the peripheral zones it is no more than 20% of the overall degree of deformation undergone by the material throughout the entire length of the deformation channel. In the second half of the length of the deformation channel at the same time as the material moves along the axis of the channel thus decreasing the width and height of the peripheral zones the volume of material in these zones is also decreased relative to the volume of material in the central zone by means of pressing said material back into the central zone. The device for carrying out said method comprises all the necessary deformation elements with a shaped working channel and a calibrating drawing die.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.683/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ADD-ON APPARATUS FOR FREQUENCY DIVERSITY COMMUNICATIONS USING BEACON AND METHODS USEFUL IN CONJUNCTION THEREWITH

(51) International classification :H04L
(31) Priority Document No :226511
(32) Priority Date :23/05/2013
(33) Name of priority country :Israel
(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)KOIFMAN, Gil
2)ELMAKIAS, Michael
3)SHOSHAN, Yaakov

(57) Abstract :
A communication system comprising at least one communication network node having a capacity for communicating with at least one additional communication network node at a given center frequency; and at least one external frequency converter, external to said node, operative to cause at least one communication network node, from outside said node, to communicate with at least one additional communication network node, at least on occasion, according to a given communication protocol, at at least one converted center frequency which differs from the given center frequency, and also comprising beacon functionality.

No. of Pages : 56 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2015

(21) Application No.7870/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HIGH PRESSURE PUMP FOR A FUEL INJECTION SYSTEM

(51) International classification :F04B1/04,F04B9/04,F02M59/06
(31) Priority Document No :10 2013 203 874.7
(32) Priority Date :07/03/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/051767
Filing Date :30/01/2014
(87) International Publication No :WO 2014/135313
(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)BOECKING Friedrich

(57) Abstract :
The invention relates to a high pressure pump for a fuel injection system particularly a common rail injection system comprising a pump housing (1) in which at least two pump elements (3 3) are received and arranged radially about a drive shaft (2) each pump element (3 3) comprising a pump piston (4 4) that is supported indirectly by means of a plunger assembly (5 5) on a cam (6) of the drive shaft (2) such that said pump piston (4 4) can be driven by a rotation of the drive shaft (2) to implement a reciprocating motion. According to the invention the plunger assemblies (5 5) comprise rollers (7 7) which lie axially relative to a longitudinal axis (A) of the drive shaft (2) and offset to one another with regard to their angle positions on an outer circumferential surface (8) of the cam (6).

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2015

(21) Application No.8021/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR MANUFACTURING POWER MODULE SUBSTRATE

(51) International classification :H01L23/12,C04B37/02,H01L23/36
(31) Priority Document No :2013055518
(32) Priority Date :18/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/057098
Filing Date :17/03/2014
(87) International Publication No :WO 2014/148420
(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)NAGATOMO Yoshiyuki

(57) Abstract :
A method for manufacturing a power module substrate includes a first lamination step of laminating a ceramic substrate (11) and a copper sheet (22) through an active metal material (26) and a filler metal (25) having a melting point of 660°C or lower on one surface side of the ceramic substrate (11); a second lamination step of laminating the ceramic substrate (11) and an aluminum sheet (23) through a bonding material (27) on the other surface side of the ceramic substrate (11); and a heating treatment step of heating the ceramic substrate (11), the copper sheet (22), and the aluminum sheet (23) laminated together, and the ceramic substrate (11) and the copper sheet (22), and the ceramic sheet (11) and the aluminum sheet (23) are bonded at the same time.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.835/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : Calibration of Inertial measurement 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)Dr. Sumit Mediratta
2)Saurabh Tyagi

(57) Abstract :
The invention provides a method and system for calibrating an inertial measurement unit (IMU) of an electronic device. The method includes receiving a reference point of an object in an environment, determining geographic coordinates of the reference point and determining relative location of the electronic device relative to the reference point. Further, the method includes calculating geographic coordinates of the electronic device using the geographic coordinates of the reference point and the relative location of the electronic device, and calibrating the IMU using the geographic coordinates of the electronic device. FIG. 6

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2014

(21) Application No.9219/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ST2 ANTIGEN BINDING PROTEINS

(51) International classification :C07K 16/00
(31) Priority Document No :61/649147
(32) Priority Date :18/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/041656
Filing Date :17/05/2013
(87) International Publication No :WO 2013/173761
(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)FOLTZ, Ian
3)KING, Chadwick T.
4)LIM, Ai Ching
5)CLARK, Rutilio
6)COMEAU, Michael R.
7)KETCHEM, Randal R.
8)SHI, Donghui
9)MIN, Xiaoshan
10)WANG, Zhulun

(57) Abstract :
Described herein are compositions and methods related to antigen binding proteins that bind to human ST2, including antibodies. In particular embodiments, the disclosure provides fully human anti-ST2 antibodies and derivatives and variants thereof. Further provided are nucleic acids encoding such antibodies and antibody fragments, variants, and derivatives. Also provided are methods of making and using such antibodies including methods of treating and preventing autoimmune and inflammatory disorders.

No. of Pages : 264 No. of Claims : 154

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.3426/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MAGNETICALLY CLOSABLE PRODUCT ACCOMMODATING PACKAGE

(51) International classification :B65D5/00,B65D85/60
(31) Priority Document No :61/407385
(32) Priority Date :27/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/058063
Filing Date :27/10/2011
(87) International Publication No :WO 2012/058413
(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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2)HAWTHORNE Brian
3)RODRIGUEZ Maximiliano
4)ALDRIDGE Allen Sydney
5)FELTMAN Christopher J.
6)BUITRAGO Alejandra
7)GAINEY Simon Richard

(57) Abstract :
A package for containing and dispensing contents includes a magnetic closure. The package defines a package interior for accommodating the contents. A pair of package portions defines an opening for accessing the package interior. The magnetic closure includes magnetic material which is placed on at least one of the packaging portions for permitting reopenable closure of the packaging portions.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014

(21) Application No.697/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INTERNAL COMBUSTION ENGINE TEST SYSTEM

(51) International classification :G06F
(31) Priority Document No :2013-048342
(32) Priority Date :11/03/2013
(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 :**
1)URATANI, Katsumi
2)MISOGI, Tsutomu
3)YOSHIOKA, Tetsu

(57) Abstract :
It is intended to display a schematic diagram of substantially the whole of an internal combustion engine test system on a screen and a color, brightness, pattern or shape of a symbol representing a test device shown in the schematic diagram are changed according to a degree of operation safety of the test device, whereby a user is allowed to intuitively recognize a situation relating to the safety of the entire system at a glance.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014

(21) Application No.727/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FEMALE QUICK-CONNECT COUPLING ELEMENT AND QUICK-CONNECT COUPLING INCORPORATING SUCH AN ELEMENT •

(51) International classification :F16K
(31) Priority Document No :1352202
(32) Priority Date :12/03/2013
(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

(71)**Name of Applicant :**
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2)ANTOINE CHAMBAUD

(57) Abstract :
This female quick-coupling element (A) for a quick-connect coupling (R) is able to cooperate with a male coupling element (B). A control ring (90) is able to move in translation along a longitudinal axis (X-X™) between a first position and a second position. A blocking member (100) prevents translation of the control ring (90) as far as its second position. An element (140) for the elastic return of a piston (120), integral in transverse movement with the blocking member (100), to its internal position is mounted in a housing of the first coupling element (A) situated outside the housing (64) of the piston (120), and fluidically isolated from the fluid-flow conduit. The first coupling element (A) comprises transmission means (100), disposed between the return element (140) and the piston (120), to return the piston (120) to its internal position.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2015

(21) Application No.7873/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITIONS AND METHODS OF ENHANCING IMMUNE RESPONSES TO EIMERIA OR LIMITING EIMERIA INFECTION

(51) International classification :A61K39/002,A61K39/012,C12N15/00
(31) Priority Document No:61/764681
(32) Priority Date :14/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016359
Filing Date :14/02/2014
(87) International Publication No :WO 2014/127185
(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)BERGHMAN Luc
3)BIELKE Lisa
4)HARGIS Billy
5)SHIVARAMAIAH Srichaitanya
6)FAULKNER Olivia B.

(57) Abstract :
Vaccine vectors and methods of using the vaccine vectors to enhance the immune response to an Apicomplexan parasite and reduce the morbidity or mortality associated with subsequent infection are provided herein. The vaccine vectors include a polynucleotide encoding a Rhomboid polypeptide and optionally include an immune stimulatory polypeptide suitably expressed on the surface of the vaccine vector.

No. of Pages : 58 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2014

(21) Application No.9220/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SUBSTITUTED N (TETRAZOL 5 YL) AND N (TRIAZOL 5 YL)ARYLCARBOXAMIDE COMPOUNDS AND THEIR USE AS HERBICIDES

(51) International classification :A01N 57/00
(31) Priority Document No :61/639079
(32) Priority Date :27/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/057865
Filing Date :16/04/2013
(87) International Publication No :WO 2013/083859
(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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4)NEWTON ,Trevor William
5)PARRA RAPADO, Liliana
6)KREUZ, Klaus
7)HUTZLER, Johannes
8)PASTERNAK, Maciej
9)LERCHL, Jens
10)EVANS, Richard Roger

(57) Abstract :
12345N (tetrazol 5 yl) and N (triazol 5 yl)arylcarboxamides of formula (I) and their use as herbicides. The invention relates to N (tetrazol 5 yl) and N (triazol 5 yl)arylcarboxamides of formula (I) and their use as herbicides. In said formula (I) B represents N or CH whereas R R R R R and R represent groups such as hydrogen halogen or organic groups such as alkyl or phenyl.

No. of Pages : 136 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2014

(21) Application No.9224/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BATTERY ELECTRODE MATERIALS

(51) International classification :H01M4/667
(31) Priority Document No :2012901831
(32) Priority Date :04/05/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000458
Filing Date :02/05/2013
(87) International Publication No :WO 2013/163695
(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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2)GEORGE Peter Anthony
3)SONG Quansheng

(57) Abstract :
An electrode material for a battery or for a capacitor supercapacitor or a pseudo capacitor comprises a porous substrate coated with a coating comprising a conducting material and an active material wherein the thickness of the coating is less than 1 micrometre and the volume fraction of active material is greater than 5%. In another aspect the electrode material comprises a metallic network structure and an active material connected to the metallic structure wherein the calculated volume fraction of active material is greater than 5% and the surface area of the material is greater than 5m/g.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2014

(21) Application No.10822/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONTROLLED ENVIRONMENT AND METHOD

(51) International classification	:A01G31/00, A01G1/00
(31) Priority Document No	:61/657203
(32) Priority Date	:08/06/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/045003 :10/06/2013
(87) International Publication No	:WO 2013/185136
(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)JAMES Allen

(57) Abstract :
An illustrative embodiment of an irrigation system may include a carriage that may move along a predetermined path in a reciprocal manner. The carriage may support one or more exit ports that may be fed nutrient supply by a pressurized delivery arrangement. One or more plant stands may be configured and arranged to straddle the carriage as it moves along the predetermined path. The one or more plant stands may form a chamber into which plant roots may extend and into which the one or more exit ports may discharge their nutrient supply. The one or more plant stands may include side panels and a cap to reduce infiltration of light and contaminants and to enhance the plant root/nutrient supply interface and absorption rates. The carriage and/or the plant stand(s) may include friction reducing elements that facilitate transverse movement. The carriage and/or the plant stand(s) may be supported by framework.

No. of Pages : 135 No. of Claims : 20

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

(21) Application No.2759/DEL/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN IMPROVED METHOD FOR PRODUCING ZNO NANORODS

(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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(57) Abstract :
The present invention relates to an improved process for producing pure ZnO nanorods without the use of any additives /dopants and employing Zinc nitrate hexahydrate dissolved in ethanol as the precursor using flame spray pyrolysis technique. The invention also provides an improved apparatus for carrying out the process

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2014

(21) Application No.3011/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : POSITIVE-ELECTRODE MATERIALS: METHODS FOR THEIR PREPARATION AND USE IN LITHIUM SECONDARY BATTERIES

(51) International classification :H01M4/62
(31) Priority Document No :2754372
(32) Priority Date :04/10/2011
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2012/050702
Filing Date :04/10/2012
(87) International Publication No :WO 2013/049939
(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 provided a positive electrode material for a lithium secondary battery. The material comprises a lithium oxide compound or a complex oxide as reactive substance. The material also comprises at least one type of carbon material and optionally a binder. A first type of carbon material is provided as a coating on the reactive substance particles surface. A second type of carbon material is carbon black. And a third type of carbon material is a fibrous carbon material provided as a mixture of at least two types of fibrous carbon material different in fiber diameter and/or fiber length. Also there is provided a method for preparing the material as well as lithium secondary batteries comprising the material.

No. of Pages : 27 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2013

(21) Application No.3562/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LOW RESIDUE FORMATION FRACTURING

(51) International classification :C09K8/68
(31) Priority Document No :61/390658
(32) Priority Date :07/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/067257
Filing Date :04/10/2011
(87) International Publication No :WO 2012/045711
(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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2)ZHOU Jian
3)SOLAREK Daniel Bernard
4)STEICHEN Dale Stanley

(57) Abstract :
The present invention generally relates to a low residue hydraulic fracturing fluid which comprises an aqueous fluid and at least one polymeric gelling agent wherein said polymeric gelling agent comprises at least one crosslinked modified starch. The invention also relates to a method of fracturing a subterranean formation through the use of the aforementioned fracturing fluid.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2014

(21) Application No.9671/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SURGICAL INSTRUMENT WITH STRESS SENSOR

(51) International classification :A61B17/00
(31) Priority Document No :13/484563
(32) Priority Date :31/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/042668
Filing Date :24/05/2013
(87) International Publication No :WO 2013/181099
(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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5)WIENER ,Eitan T.
6)SCHULTE ,John B.
7)SILKAITUS, Danius P.
8)BALEK ,Stephen J.
9)LAMPING ,Michael R.
10)ARONHALT, Jacqueline C.
11)CLEM, William E.

(57) Abstract :
An apparatus includes an end effector, an energy component a control module and a directional force sensor assembly associated with the energy component and control module. The directional force assembly can include a piezoelectric disc, a piezoresistive element , an accelerometer ,and/or a Hall Effect sensor. The end effector of the apparatus can include ultrasonic blade, an RF electrode. or a staple driving assembly. In some versions the energy component includes an ultrasonic transducer. The control module may be configured to operate the energy component at a first energy setting in response to a first detected force and at a second energy setting in response to a second detected force. The apparatus may also include an activation feature to be operated by a user. In some versions the piezoelectric disc may include a plurality of segments and may be configured to induce movement in at least part of the energy component.

No. of Pages : 78 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.722/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ACTIVE INSULATION HYBRID DUAL EVAPORATOR WITH ROTATING FAN

(51) International classification :F25D
(31) Priority Document No :13/834,048
(32) Priority Date :15/03/2013
(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)KUEHL, Steven
2)GOMES, Alberto

(57) Abstract :
An appliance having a fresh food storage compartment and a freezer compartment. The appliance includes a forced air coil system disposed between the fresh food storage compartment and the freezer compartment and is configured to selectively provide cooling to one or both of the at least one fresh food storage compartment and the at least one freezer compartment. The forced air coil system includes an evaporator fan configured to provide cooling to the food storage compartment, the freezer compartment, or both.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015
(21) Application No.722/DEL/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FILTERING METHOD FOR REMOVING BLOCK ARTIFACTS AND/OR RINGING NOISE AND APPARATUS THEREFOR

(51) International classification :H04N19/86
(31) Priority Document No :2002-5742
(32) Priority Date :31/01/2002
(33) Name of priority country :Republic of Korea
(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 :3/DEL/2003
Filed on :01/01/2003

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)Yong-je Kim
3)Yung-lyul Lee

(57) Abstract :
Provided are a filtering method and apparatus for removing blocking artifacts and ringing noise. The filtering method includes transforming video data in a blockby- block basis, and detecting the presence of an edge region in the video data by checking the distribution of values obtained by the transformation. Accordingly, it is possible to completely remove blocking artifacts and/or ringing noise by more effectively detecting the presence of an edge region in the video data.

No. of Pages : 32 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2014

(21) Application No.8941/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING ARTERIOSCLEROTIC VASCULAR DISEASES

(51) International classification :A61K36/07
(31) Priority Document No :61/615794
(32) Priority Date :26/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/033900
Filing Date :26/03/2013
(87) International Publication No :WO 2013/148701
(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)LIU Sheng Yung
2)WEN Wu Che
3)CHEN Chih Ming

(57) Abstract :
The present invention provides methods and compositions for treating arteriosclerotic vascular diseases by cyclohexenone compounds. In some embodiments the compound in the methods inhibits PDGF stimulated smooth muscle cell proliferation or migration. In some embodiments the atherosclerosis is associated with coronary artery disease aneurysm arteriosclerosis myocardial infarction embolism stroke thrombosis angina vascular plaque inflammation vascular plaque rupture Kawasaki disease calcification or inflammation. In some embodiments the compound lowers low density lipoprotein (LDL) cholesterol in the subject. In some embodiments the compound maintains a normal low density lipoprotein (LDL) cholesterol level in the subject.

No. of Pages : 70 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2014

(21) Application No.9659/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : APPARATUS AND METHODS FOR MULTI-MODE ASYNCHRONOUS COMMUNICATION

(51) International classification :H04L12/00
(31) Priority Document No :61/636923
(32) Priority Date :23/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/037779
Filing Date :23/04/2013
(87) International Publication No :WO 2013/163169
(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)CLEMENTS Vete
3)HIBBARD Mike
4)GRAY Joshua

(57) Abstract :
A method includes receiving at a host device a first communication associated with a transaction from at least one electronic device included in a set of electronic devices. The host device includes at least a memory a processor and a database. The first communication received at a first time and via a first communication mode. The method includes sending a response to the first communication at a second time after the first time and independent of the first time. The host devices receives a second communication associated with the transaction from the at least one electronic device at a third time. The first communication the response to the first communication and the second communication are displayable in a persistent record of the transaction regardless of a difference between the first time and the third time.

No. of Pages : 116 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2014

(21) Application No.9834/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SURFACE TREATED GALVANIZED STEEL SHEET HAVING EXCELLENT WOUND AND END FACE CORROSION RESISTANCE AND METHOD FOR MANUFACTURING SAME

(51) International classification :C23C22/34,B32B9/00,B32B15/08
(31) Priority Document No :2012104139
(32) Priority Date :27/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/061250
Filing Date :16/04/2013
(87) International Publication No :WO 2013/161621
(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)IKO Tomohiro
2)HAIJIMA ,Yuki
3)YASUI ,Atsushi
4)HOSONO, Yoshiyuki
5)YOKOCHI, Kyoko

(57) Abstract :
To provide a chromium -free surface- treated galvanized steel sheet using a galvanized steel sheet, containing no chromium , and having an excellent balance of the various performances of corrosion resistance chemical resistance, heat yellowing resistance , moldability , fingerprint resistance , conductivity ,and paint adhesion in any of a flat surface portion, after alkaline degreasing , and a processing portion. [Solution] The surface treated galvanized steel sheet, includes zinc plating layers on both surfaces of the steel sheet , and further includes a two- layer film that has a specific acidic inorganic coating layer and a specific alkaline organic inorganic composite coating layer on a front surface of the zinc plating layer , the coating weight of the acidic inorganic coating layer being between 0.01 g/m 2and 0.5 g/m2 and the coating weight of the alkaline organic -inorganic composite coating layer being between 0.5 g/m2 and 3 g/m2.

No. of Pages : 108 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2013

(21) Application No.485/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD OF COMBINATIONAL CHEMICAL-THERMAL-ELECTRICAL STORAGE AIR CONDITIONER FOR ENERGY SAVING AIR CONDITIONING APPLICATIONS THAT USE DIESEL GENERATORS

(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 :**
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2)RUHELA SWATI
(72)**Name of Inventor :**
1)RUHELA AJAY
2)RUHELA SWATI

(57) Abstract :
The present invention provides an integrated electrical load configuration using a conventional air conditioner and a thermal electrical combinational storage Air Conditioner to materially improve the efficiency of a diesel generator set leveraging the diesel generator efficiency curve. When the workload is operating with long grid power outage or workload where there is no grid power, and such an integrated load is used, the operating point of the diesel generator is shifted to a higher efficiency. The invented system thus makes the diesel generators more efficient when used in location of no grid power or limited grid power (long power outages).

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2014

(21) Application No.6943/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND DEVICE FOR MAKING TUBULAR BAGS OF THIN PLASTIC FILMS BY MEANS OF AN ULTRASOUND WELDING PROCESS

(51) International classification :B29C65/08,B29C65/74,B65B1/22
(31) Priority Document No :10 2012 202 016.0
(32) Priority Date :10/02/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/050536
Filing Date :14/01/2013
(87) International Publication No :WO 2013/117383
(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)PANTEC AG
Address of Applicant :Unter Sagi 6 CH 6362 Stansstad Switzerland
(72)**Name of Inventor :**
1)ROHRER Hans Peter
2)LAUTZ Carsten
3)PETER Hans

(57) Abstract :
The invention relates to a method and a device for making thin plastic films having two or more layers which are subdivided and separated in the form of tubular bags for portioned reception of different products wherein the plastic films are provided with welding seams running substantially transversely to the longitudinal direction with predetermined spacing between one another to form bag like containers and the containers are separated from one another by a cutting or separating process the method being characterized by the steps: a) welding the films with predetermined spacing by means of an ultrasound welding process maintaining a defined film dependent distance between a processing tool (1) and a counter tool (2) while welding; and b) separating the tubular bags welded in this way by means of a mechanical cutting process with or without reduced ultrasound excitation at the point of the respective weld seams.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2014

(21) Application No.9676/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SEMI- CONTINUOUS ACIDULATION PROCESS

(51) International classification :C11B13/02
(31) Priority Document No :61/646604
(32) Priority Date :14/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039322
Filing Date :02/05/2013
(87) International Publication No :WO 2013/173077
(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)ARIZONA CHEMICAL COMPANY LLC
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(72)**Name of Inventor :**
1)BOWLES, Robert, E.
2)GRIFFIN, Joseph ,H.

(57) Abstract :
A semi- continuous acidulation process for converting tall oil soap to crude tall oil is disclosed. Reactants are continuously mixed, and the product mixture is continuously transferred to a settling tank having a conical lower section and a capacity at least 25 times that of the mixer. Batches settle to give a solid phase comprising calcium sulfate , a clean spent acid phase , a dirty spent acid phase , and a crude tall oil phase. Each phase is removed sequentially through a port at or near the bottom of the settling tank. Compared with traditional batch acidulation , continuous mixing minimizes the corrosive environment and enables the use of less expensive materials for the settling tank. Sequential removal of four phases from one port allows calcium sulfate to be purged from every batch, permits clean separation of clean spent acid from dirty spent acid , and enables clean recovery of tall oil. Compared with processes that isolate product continuously , inherent difficulties in using centrifuges or continuous decanters to separate four phases are avoided. The process facilitates generation of clean alkaline brine and integration of new soap washing methods that enable improved conversion yields of CTO and better removal of calcium from the soap.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2013

(21) Application No.3239/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONCENTRATED SOLAR POWER GENERATION USING SOLAR RECEIVERS

(51) International classification :F03G6/06
(31) Priority Document No :61/383631
(32) Priority Date :16/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052051
Filing Date :16/09/2011
(87) International Publication No :WO 2012/037532
(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)TREECE William Dean
2)ANDERSON Bruce
3)BROWN Dan
4)BENNHOLD Florian
5)HILGERT Christoph

(57) Abstract :
Inventive concentrated solar power systems using solar receivers and related devices and methods are generally described.

No. of Pages : 121 No. of Claims : 262

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/07/2014

(21) Application No.5611/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD OF RELEASING NICOTINE FROM CHEWING GUM

(51) International classification :A61K9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/DK2011/000157
Filing Date :22/12/2011
(87) International Publication No :WO 2013/091631
(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)FERTIN PHARMA A/S
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(72)**Name of Inventor :**
1)NIELSEN Bruno Provstgaard

(57) Abstract :
The invention relates to a method of releasing nicotine from a compressed chewing gum tablet wherein the chewing gum tablet comprises two modules; a first module comprising nicotine and tablet material and a second module comprising gum base and nicotine.

No. of Pages : 41 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2015

(21) Application No.860/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : RELIABLE DEVICE FOR PROTECTION OF VOLTAGE TRANSFORMERS

(51) International classification :H02H9/00,H02H7/05
(31) Priority Document No :12005657.7
(32) Priority Date :03/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/002248
Filing Date :30/07/2013
(87) International Publication No :WO 2014/019677
(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)PAVLAS Marek
2)JAVORA Radek
3)HONZAK Ales

(57) Abstract :
The invention relates to a reliable device for protection of voltage transformers from ferroresonant oscillation influences, with input terminals, power supply module, control unit, switching element and burden resistor. In order to enhance the operation of such protection device, each of the power supply module (2, 12), control unit (3, 13), switching element (4, 14) and burden resistor (5, 15) are arranged at least twice in parallel, in order to fulfill redundancy in each of its functions, and that the control unit operates the switching device, which is connected in series with the burden resistor connected in open-delta circuit of three single-phase voltage trans formers.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2015

(21) Application No.7840/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONNECTOR ASSEMBLY FOR SYRINGE SYSTEM

(51) International classification :A61J1/20,A61M3/00,A61M5/00
(31) Priority Document No :13/835522
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/022629
Filing Date :10/03/2014
(87) International Publication No:WO 2014/150225
(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)WLODARCZYK Jaroslaw
2)LISCIO Edward P.
3)UBER Arthur E. III
4)COWAN Kevin P.

(57) Abstract :
A connector assembly for a fluid delivery system includes a conical body defining an interior cavity and a discharge outlet the discharge outlet defining an internal passage in fluid communication with the interior cavity; and a connector removably attached to the discharge outlet. The connector includes a central body configured to be at least partially positioned within the internal passage of the discharge outlet and an annular connector portion connected to the central body and configured to releasably engage an exterior of the discharge outlet the central body defining an internal channel within the central body that is in fluid communication with the interior cavity of the conical body when the connector is attached to the discharge outlet.

No. of Pages : 45 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2009

(21) Application No.1737/DEL/2009 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MITS

(51) International classification :A41D
(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)NARINDER SINGH MATAHRU

(57) Abstract :
MITS is a Jewellery Machine designed to perfection, jewelery designing.

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.2168/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ATTENUATED CHIKUNGUNYA VIRUS

(51) International classification :A61K39/12, C07K14/005
(31) Priority Document No :61/706589
(32) Priority Date :27/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061918
Filing Date :26/09/2013
(87) International Publication No :WO 2014/052588
(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)BROWN Dennis T.
2)HERNANDEZ Raquel

(57) Abstract :
Novel attenuating deletions of Chikungunya virus E2 polypeptides are provided as are attenuated viruses comprising the deletions. Also provided are immunogenic compositions comprising the attenuated viruses and methods of producing such viruses in cells (such as insect cells). Viruses of the embodiments can be used for immunization of animals to provide protection from the pathogenic effects of Chikungunya virus infection.

No. of Pages : 112 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2015

(21) Application No.2385/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VANE FOR A TURBINE ENGINE, MADE OF COMPOSITE MATERIAL AND HAVING A BULB-SHAPED BASE, AND RELATED TURBINE ENGINE

(51) International classification :F01D 5/30
(31) Priority Document No :1259014
(32) Priority Date :26/09/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/052123
Filing Date :17/09/2013
(87) International Publication No :WO 2014/049225
(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)HERAKLES
(72)**Name of Inventor :**
1)LE HONG, Son;
2)HERAKLES

(57) Abstract :
The invention relates to a vane (10) for a turbine engine, made of a composite material including a fiber reinforcement obtained by means of three -dimensional weaving of threads and densified by a matrix. The vane includes a blade (12) and a vane base (14) that form a single part , the vane base having two substantially planar, opposite side flanks closed between two separate composite material plates (24) that are attached onto the side flanks of the vane base such as to form a bulb- shaped vane base.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2009

(21) Application No.2531/DEL/2009 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : READY TO EAT CHAPATTI WITH LONG SHELF LIFE

(51) International classification :A01H
(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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2)KUMAR, RAKESH
(72)**Name of Inventor :**
1)SINGH, R.
2)AGRAWAL, VIPUL
3)KUMAR, RAKESH

(57) Abstract :
The invention relates to a ready to eat chapatti with long shelf life and method of preparation thereof. More particularly the invention relates to the preparation of palatable, home - made -like chapattis with long shelf life and negligible microbial activity. The major ingredients of chapatti include cereal flour, a stabilizer, humectants, acid, emulsifier, antioxidants, and preservatives. The main ingredients of chapatti comprise of wheat flour, salt, plum juice, guar gum powder, olive oil, and water.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2013

(21) Application No.2680/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD OF ADSORPTIVE GAS SEPARATION USING THERMALLY CONDUCTIVE CONTACTOR STRUCTURE

(51) International classification	:B01D53/62,B01D53/02,B01D53/52
(31) Priority Document No	:61/377875
(32) Priority Date	:27/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2011/050521 :26/08/2011
(87) International Publication No	:WO 2012/024804
(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)KHIAVI Soheil

(57) Abstract :
A method of temperature swing adsorption allows separation of a first fluid component from a fluid mixture comprising at least the first fluid component in an adsorptive separation system having a parallel passage adsorbent contactor with parallel flow passages having cell walls which include an adsorbent material and axial thermally conductive filaments in direct contact with the adsorbent material. The method provides for transferring heat from the heat of adsorption in a countercurrent direction along at least a portion of the filaments during adsorption and transferring heat in either axial direction along the filaments to provide at least a portion of the heat of desorption during a desorption step. A carbon dioxide TSA separation process to separate carbon dioxide from flue gas also includes steps transferring heat from adsorption or for desorption along axial thermally conductive filaments.

No. of Pages : 54 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/11/2014

(21) Application No.9504/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TEMPORARILY DISABLE OUT- OF- CREDIT PCC RULE

(51) International classification :H04M15/84
(31) Priority Document No :13/483150
(32) Priority Date :30/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/050325
Filing Date :26/04/2013
(87) International Publication No :WO 2013/177693
(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)XUE, Xiong
2)MAO, Ivy
3)SHAIK, Shanawaz

(57) Abstract :
Various exemplary embodiments relate to a method performed by a policy and charging rules node (PCRN) the method comprising: receiving an event trigger from a policy and charging enforcement node (PCEN) indicating that a subscriber is out of credit; installing temporary PCC rules to handle the out of credit status of the subscriber; receiving an indication that the subscriber has completed a reallocation of credit action; uninstalling the temporary PCC rules and restoring the original PCC rules after receiving an indication of reallocation of credit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/11/2014

(21) Application No.9506/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SUBSTITUTED BENZAMIDES AND THEIR USES

(51) International classification :C07D413/12
(31) Priority Document No :61/623517
(32) Priority Date :12/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/036229
Filing Date :11/04/2013
(87) International Publication No :WO 2013/155338
(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)CHAN, Denise
4)HAY, Michael, Patrick
5)BONNET, Muriel
6)SUN, Connie
7)TABIBIAZAR ,Ray
8)YUEN, Po- wai
9)GIACCIA, Amato

(57) Abstract :
Provided herein are Substituted Benzamides compositions and method of their manufacture and use.

No. of Pages : 221 No. of Claims : 111

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/11/2014

(21) Application No.9523/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONTROL OF N-(PHOSPHONOMETHYL) IMINODIACETIC ACID CONVERSION IN MANUFACTURE OF GLYPHOSATE

(51) International classification :C07F9/3813
(31) Priority Document No :60/667,783
(32) Priority Date :04/04/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/012214
Filing Date :03/04/2006
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :8391/DELNP/2007
Filed on :31/10/2007

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3)PETER E. ROGERS
4)EDUARDO A. CASANOVA
5)JOHN WAGENKNECHT
6)LEONARD AYNARDI
7)DAVID Z. BECHER
8)ROBERT E. BYRD
9)JAMES P. COLEMAN
10)WALTER K. GAVLICK
11)ERIC A. HAUPFEAR
12)OLIVER LERCH
13)CARL MUMFORD
14)ALFREDO OBA
15)STEPHEN D. PROSCH
16)BART ROOSE
17)MARK D. SCAIA
18)LOWELL R. SMITH

(57) Abstract :
Please see attachments

No. of Pages : 178 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2014

(21) Application No.634/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INSTRUMENTS FOR USE IN DISASSEMBLING IMPLANTS

(51) International classification :A61F
(31) Priority Document No :13/837,465
(32) Priority Date :15/03/2013
(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)AARON J. MATYAS
2)KYLE D. STEFFE
3)REBECCA L. CHANEY
4)TYLER S. HATHAWAY
5)MICHAEL A. COOK

(57) Abstract :
An orthopaedic surgical instrument for use in disassembling an orthopaedic prosthesis includes a main component, a rod, and a spindle. The main component has a housing and an elongated body extending from the housing with a passageway is defined in the elongated body. The rod has an elongated shaft, with a greater length than the elongated body, extending from the head of the rod and configured to pass through the main component. The spindle threads into the housing to move the rod along a longitudinal axis.

No. of Pages : 75 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014

(21) Application No.7809/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING CORROSIVE CONTAMINANTS IN A FLUID

(51) International classification :G01N33/00
(31) Priority Document No :13/410028
(32) Priority Date :01/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027883
Filing Date :27/02/2013
(87) International Publication No :WO 2013/130506
(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 disclosure describes embodiments of a system and device (100) for measuring corrosive components suspended in air flowing to a turbo machine (102). The device (100) comprises a fluid circuit (202) with a detection module (206) having a sensing element disposed in a manifold (330). The manifold (330) surrounds the sensing element to prevent mixing of the flow of sample air in the manifold (330) with air from the surrounding environment. In one example the fluid circuit also comprises a fluid flow module with elements such as a pressure meter (326) or a flow meter (324) to monitor flow characteristics of the flow of sample air. Operation of the fluid flow module can effectuate changes in flow characteristics of the flow of sample air to optimize detection of the corrosive components.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2014

(21) Application No.9897/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NEPRILYSIN INHIBITORS

(51) International classification :C07C237/00
(31) Priority Document No :61/657229
(32) Priority Date :08/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/044546
Filing Date :06/06/2013
(87) International Publication No :WO 2013/184934
(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)HUGHES Adam
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(57) Abstract :
In one aspect the invention relates to compounds having the formula XII: where R R R R and X are as defined in the specification or a pharmaceutically acceptable salt thereof. The compounds described herein are prodrugs of compounds having neprilysin inhibition activity. In another aspect the invention relates to pharmaceutical compositions comprising these compounds; methods of using these compounds; and processes and intermediates for preparing these compounds.

No. of Pages : 148 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2014

(21) Application No.5488/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHODS FOR IMPROVING MEDICAL THERAPIES

(51) International classification :A61K39/395,A61K48/00,A61P35/00
(31) Priority Document No :61/570166
(32) Priority Date :13/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/069601
Filing Date :13/12/2012
(87) International Publication No :WO 2013/090645
(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)DEMARIA MARCO

(57) Abstract :
Methods are provided herein for enhancing the effectiveness of medical therapies by administering agents that suppress a biological damage response that is inducible by the medical therapy administered to a subject. In certain embodiments a method is provided for administering an anti senescent cell agent that suppresses a biological response comprising cellular senescence that is induced by the medical therapy.

No. of Pages : 132 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2014

(21) Application No.636/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROSTHETIC COMPONENTS WITH SECONDARY RETENTION

(51) International classification :A61F
(31) Priority Document No :13/837,778
(32) Priority Date :15/03/2013
(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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5)FILIP LESZKO

(57) Abstract :
An implantable orthopaedic knee prosthesis assembly includes a femoral component, a stem component, a fastener, and a retention device. The femoral component is configured to be implanted into a distal end of a femur of a patient and includes a stem post having a proximal tapered bore, a distal passageway, and a threaded passageway connecting the proximal tapered bore and the distal passageway. The stem component is configured to taper fit to the femoral component and includes a bore formed therein extending proximally and a threaded aperture defined at a proximal end of the bore. The head of the fastener is configured to be received in the distal passageway, whereas the proximal end of the shaft of the fastener is configured to be positioned in the threaded aperture. The retention device is received in the threaded passageway and prevents the proximal end of the fastener from reentering the threaded passageway

No. of Pages : 77 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.682/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A VACUUM PANEL CABINET STRUCTURE FOR A REFRIGERATOR

(51) International classification :B65D
(31) Priority Document No :13/835,449
(32) Priority Date :15/03/2013
(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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4)Kendall, James, W.
5)KUEHL, Steven, J.
6)RAMM, Axel, J.
7)WU, Guolian

(57) Abstract :
A vacuum panel cabinet structure comprising a frame having side and back framing members defining a frame opening and panel receptacles, framing edges, at least one outwardly expanded framing member, and an inner surface. A plurality of vacuum panels disposed in the panel receptacles. A barrier film disposed on the vacuum panels. An outer enclosure having at least one extruded channel engaging the at least one outwardly expanded framing member, at least one outwardly contoured hinge, and an inward surface defining a frame receptacle into which the frame is disposed. A liner having at least four sidewalls, a back panel, a liner outer facing surface, and a liner perimetrical flange, wherein the liner outer facing surface is disposed within the frame opening proximate the frame inner surface. The liner perimetrical flange is disposed to the outer enclosure and includes a hermetically sealed infrastructure notch.

No. of Pages : 50 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2014

(21) Application No.8700/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NANOPARTICLE AGGREGATES CONTAINING OSTEOPONTIN AND CALCIUM AND/OR STRONTIUM CONTAINING PARTICLES

(51) International classification :A61K33/42
(31) Priority Document No :12161802.9
(32) Priority Date :28/03/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/056598
Filing Date :27/03/2013
(87) International Publication No :WO 2013/144247
(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)NYVAD Bente
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(57) Abstract :
The present invention relates to nanoparticle aggregates comprising osteopontin (OPN) and one or more particles containing calcium and/or strontium and to their use for reducing or preventing biofilm growth or for removing biofilm. The invention furthermore relates to the use of the nanoparticle aggregates for treating alleviating or preventing biofilm related diseases.

No. of Pages : 57 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014

(21) Application No.693/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : POWERED SURGICAL INSTRUMENTS WITH FIRING SYSTEM LOCKOUT ARRANGEMENTS

(51) International classification :H01J
(31) Priority Document No :13/796996
(32) Priority Date :12/03/2013
(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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(57) Abstract :
Surgical instruments and/or fastener apparatuses comprising an end effector with a pair of jaws pivoted at a proximal end thereof and movable between an open and closed position. At least one of the jaws may comprise a channel for receiving a cartridge containing a plurality of surgical fasteners. Also, an electrically powered actuator may be for deploying the surgical fasteners and may comprise a power source and a motor. An activation mechanism may be attached to the handle to move the pair of jaws from the open to the closed position and to activate the actuator. A lockout mechanism may be configured to permit current to flow from the power source to the motor when the pair of jaws is in the closed position and to prevent current from flowing to the power source to the motor when the pair of jaws is in the open position.

No. of Pages : 138 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.2221/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : THE SOLAR METHOD FOR WATER DESALINATION

(51) International classification :C02F1/14, B01D1/02
(31) Priority Document No :2012101813
(32) Priority Date :23/10/2012
(33) Name of priority country :Egypt
(86) International Application No :PCT/EG2012/000036
Filing Date :25/12/2012
(87) International Publication No :WO 2014/063713
(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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(57) Abstract :
Water desalination through evaporation using dispersed heat in oriental areas and desert: This is achieved through: 1) Innovative method for sun heat collection by passing specified amount of water or air over sequential points thrown over vast desert in oriental and tropical areas. 2) Using this heat energy for evaporating an amount of sea water then by vapor condensation and picking latent heat of evaporation originally got from the sun which could be recaptured by an innovated system that can regain heat and transfers it again to the first evaporation system augmenting the process of evaporation 3) The two innovative systems cooperate and work together to boost the amount of water gained from the free enormous solar heat thrown over the earth to solve the predicted war for water in the future world.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.2904/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A PORTABLE ALERTING SYSTEM AND A METHOD THEREOF

(51) International classification :G08B1/08
(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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1)KAURA, LAKSHYA PAWAN SHYAM

(57) Abstract :
The embodiment of the present invention relates to a system and method for detecting potential threat and alerting a user especially when the user is walking around crowded places. A portable alert system comprises a camera for taking plurality of pictures, a microphone to record the sound from surrounding, a processor to provide processing commands to the system, a repository to store required data, an image processing module to processes images captured by the camera and to determine moving objects, an audio processing module to process the sound captured by the microphone and to determine predetermined sound like siren, horn etc. and an alerting device to alert the user in case where potential threat is detected by the system.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2015

(21) Application No.7857/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : REDOX FLOW BATTERY

(51) International classification :H01M8/18,H01M8/10
(31) Priority Document No :2013164541
(32) Priority Date :07/08/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/070422
Filing Date :04/08/2014
(87) International Publication No :WO 2015/019972
(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 a redox flow battery that can suppress generation of deposits on a positive electrode. A redox flow battery that charges/discharges by supplying a positive electrode electrolyte solution and a negative electrode electrolyte solution to a battery cell that is provided with a positive electrode a negative electrode and a diaphragm interposed between the electrodes. The positive electrode electrolyte solution contains manganese ions and additional metal ions and the negative electrode electrolyte solution contains at least one type of metal ion selected from among titanium ions vanadium ions chromium ions and zinc ions. The additional metal ions contained in the positive electrode electrolyte solution are at least one type from among aluminum ions cadmium ions indium ions tin ions antimony ions iridium ions gold ions lead ions bismuth ions and magnesium ions.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013

(21) Application No.817/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN ALOE VERA BASED LEHYA COMPOSITION AND A PROCESS FOR PREPARATION THEREOF

(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 :1493/DEL/2012
Filed on :01/01/1900
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SARITHA, Vijayan

(57) Abstract :
The present invention provides for an Aloe vera based Lehya composition and a process for preparation thereof. The Aloe vera based Lehya comprises 50 g % partially purified Aloe vera fraction, 5 g % Withannia somnifera roots, 5 g % Centella asiatica leaves, 25 g % jaggery and sugar, and 15 g % ghee. The Aloe vera based Lehya is useful in treating the gastric and colon ulcers in humans.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014
(21) Application No.2895/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A NOVEL ORAL FORMULATION FOR CANCER THERAPY, LOADED IN A SLOW RELASE MATRIX FOR TARGETED DELIVERY

(51) International classification	:C23F1/00, H01L33/00, G02B5/18
(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	: 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)PRANAV PATNI
3)DR. SS LAHIRI

(57) Abstract :
The present invention, provide an anti-cancer formulation, incorporated in the hydrogel.. It . selectively cause apoptosis of cancer cells, leaving the healthy cells unaffected. The anti-cancer formulation comprises of all aqueous leaf extracts of Belada mara (Aegle marmelos), Oxalis corniculaia; cotyledons of the seed of custard apple {Annona reticulate), seeds of Fenugreek {Trigonella foenum-graecum). Ginseng from the plant Panax ginseng and Newcastle disease virus suspended in IX Phosphate buffer saline, all at declared proportions. Its hydrogel based targeted oral delivery for slow release in the intestine has been developed. The hydrogel comprises agarose and protein in phosphate buffer saline, polyethelene glycol and glycerol. The contents of the hydrogel are non-toxic and are consumed as food or for therapy. The hydrogel can be made for target specific (pH specific) release in intestine or in stomach by altering the buffer pH during the production.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.3436/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR PURIFYING DIATOMACEOUS EARTH SUITABLE FOR PHARMACEUTICAL USE

(51) International classification :C01B33/12,C04B33/02,A61K47/02
(31) Priority Document No :P1000547
(32) Priority Date :12/10/2010
(33) Name of priority country :Hungary
(86) International Application No :PCT/HU2011/000098
Filing Date :12/10/2010
(87) International Publication No :WO 2012/049527
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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12)PUSK • S Rka Eszter
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19)ALBRECHT Ott³

(57) Abstract :
The present invention is related to a method for purifying diatomaceous earth wherein the natural colloidal structure of the material is retained which comprises preparing a suspension of diatomaceous earth in a liquid wherein diatomaceous earth is insoluble separating diatomaceous earth from the suspension treating diatomaceous earth with an inorganic or organic acid heat treating the thus obtained product at a temperature not higher than 300°C subjecting the product obtained to oxidative treatment and drying the purified product. The invention also relates to a product obtainable by the above mentioned method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2014

(21) Application No.5020/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : EFFICIENT MEMORY AND RESOURCE MANAGEMENT

(51) International classification :G06F13/28
(31) Priority Document No :13/308211
(32) Priority Date :30/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/065860
Filing Date :19/11/2012
(87) International Publication No :WO 2013/081884
(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)ASARO Anthony
4)NG Philip

(57) Abstract :
The present system enables passing a pointer associated with accessing data in a memory to an input/output (I/O) device via an input/output memory management unit (IOMMU). The I/O device accesses the data in the memory via the IOMMU without copying the data into a local I/O device memory. The I/O device can perform an operation on the data in the memory based on the pointer such that I/O device accesses the memory without expensive copies.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014
(21) Application No.689/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FOLDED VACUUM INSULATED STRUCTURE

(51) International classification :B65D
(31) Priority Document No :13/836,669
(32) Priority Date :15/03/2013
(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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(57) Abstract :
A vacuum insulated cabinet structure for refrigerators and the like includes a plurality of vacuum insulated panels. The cabinet structure may include an O • or U • structure that is formed by folding a large panel assembly. The panels may comprise side walls that are heat-sealed together around the perimeters of the panels to form air-tight spaces having a vacuum.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014

(21) Application No.690/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VACUUM INSULATED STRUCTURE TUBULAR CABINET CONSTRUCTION

(51) International classification :F25D
(31) Priority Document No :13/836,143
(32) Priority Date :15/03/2013
(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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5)CUR, Nihat
6)ALLARD, Paul, B.

(57) Abstract :
A refrigerator includes a vacuum insulated cabinet structure having side walls that are formed from a tube that has been folded/deformed into a structure having an O • shape with vertically enlarged front and rear openings. The interior of the tube may be filled with silica powder or other filler, and a vacuum is formed within the tube. An insulated rear panel may be utilized to close off the rear opening of the vacuum insulated cabinet structure.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013
(21) Application No.816/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR GENERATION OF A NANO-WRINKLED SUBSTRATE AND ITS APPLICATIONS THEREOF

(51) International classification :B65H
(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)GHATAK, Anindita Sengupta

(57) Abstract :
The present disclosure provides a process for generation of a nano-wrinkled substrate, said process comprising: (a) stretching of a thin layer of a elastomer patterned with a 1st generation wrinkles; (b) generating a thin crust of hard material by plasma oxidation on a surface with 1st generation wrinkles; and (c) releasing of the stretched thin film to generate a nano-wrinked substrate, wherein the nano-wrinkled substrate has a curvature in the range of -0.05 nm-1 to 0.2 nm-1.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2013

(21) Application No.8488/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MUTANT RECEPTORS AND THEIR USE IN A NUCLEAR RECEPTOR-BASED INDUCIBLE GENE EXPRESSION SYSTEM

(51) International classification :D01H
(31) Priority Document No :60/567,294
(32) Priority Date :30/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015089
Filing Date :02/05/2005
(87) International Publication No :WO 2005/108617
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7237/DELNP/2006
Filed on :30/11/2006

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1)PALLI Subba Reddy
2)KUMAR Mohan Basavaraju

(57) Abstract :
This invention relates to the field of biotechnology or genetic engineering. Specifically, this invention relates to the field of gene expression. More specifically, this invention relates novel substitution mutant receptors and their use in a nuclear receptor-based inducible gene expression system and methods of modulating the expression of a gene in a host cell for applications such as gene therapy, large scale production of proteins and antibodies, cell-based high throughput screening assays, functional genomics and regulation of traits In transgenic organisms.

No. of Pages : 143 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2014

(21) Application No.2948/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SIDE STRUCTURE IN VEHICLE REAR PART

(51) International classification :B62D25/08
(31) Priority Document No :2013-220139
(32) Priority Date :23/10/2013
(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

(71)**Name of Applicant :**
1)SUZUKI MOTOR CORPORATION
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(72)**Name of Inventor :**
1)OISHI, Koji
2)KURIAGE, Yoshitaka
3)ITO, Kunihiko

(57) Abstract :
To reduce the stress generated in a side body by the torsion of vehicle body.In a side structure 1 in a vehicle rear part in which a rear wheel house 4 is formed by joining an outside panel 2 and an inside panel 3 to each other, in the front of the rear wheel house 4, there are provided a first outside step part 23 that is formed into a curved shape protruding from a rear wheel arch part 21 toward the outside direction in the vehicle 10 width direction, a second outside step part 24 that connects with the first outside step part 23 and is formed into a curved shape protruding toward the vehicle rear direction, a first inside step part 32 that is formed into a curved shape protruding from a joint surface 31 toward the outside direction in the vehicle width direction, and a second inside step part 33 that connects with the first inside step part 32 and is formed into a curved shape 15 protruding toward the vehicle rear direction. By the first and second outside step parts and the first and second inside step parts, a substantially closed cross sectional part 5 is formed in the vehicle up-and-down direction along the rear wheel arch part in the vehicle fi-ont of the rear wheel house 4.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.3309/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NEW COMPOUNDS

(51) International classification :C07D257/04,C07D307/82,C07D333/34
(31) Priority Document No :10177376.0
(32) Priority Date :17/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/066250
Filing Date :19/09/2011
(87) International Publication No :WO 2012/035171
(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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2)HEDGECOCK Charles
3)HOMAN Evert
4)LUNDB„CK Thomas
5)MARTINSSON Jessica
6)SARI Meral
7)F„RNEG…RDH Katarina
8)J–NSSON Mattias

(57) Abstract :
A compound of formula (I) wherein A is S, O or a double bond and L is a substituted thiazolyl phenyl or pyridyl. The compound is useful for the treatment of inflammation and cancer.

No. of Pages : 148 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013
(21) Application No.3674/DEL/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TURN INDICATOR SWITCH WITH INTEGRATED FLASHER UNIT

(51) International classification :B60Q
(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)MINDA INDUSTRIES LIMITED
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(72)**Name of Inventor :**
1)Manmeet Singh
2)Surender Kumar
3)Naveen Kumar

(57) Abstract :
The present invention relates to a turn indicator switch for automotive vehicles including two wheeled and three wheeled vehicles. More specifically, the said invention relates to the assembly and operation of a modular type control switch wherein a flasher unit is integrated with the turn indicator switch. Fig 4

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.744/DEL/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SALIVARY PROTEIN GLYCOSYLATION TEST FOR DIAGNOSIS AND MONITORING OF DIABETES

(51) International classification :G01N33/53
(31) Priority Document No :14/226,131
(32) Priority Date :26/03/2014
(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)Srinivasa R. Nagalla
2)Eric S. Bean

(57) Abstract :
Disclosed herein are methods and tests for diagnosing and/or monitoring a metabolic condition such as diabetes in a subject, wherein the methods and tests measure salivary glycoproteins. Some of the methods are based on the oxidation of glycoproteins in a sample from the subject, such as saliva or urine, for example using sodium metaperiodate, and then detecting the aldehydes generated during oxidation using a chemical detection method. Also disclosed are kits and lateral flow devices for detecting glycoproteins in a saliva sample.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2015

(21) Application No.7864/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ISAAKIDIS THERMAL ENGINEERED SYSTEMS

(51) International classification :F03G4/00
(31) Priority Document No :2013200620
(32) Priority Date :03/02/2013
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2014/000074
Filing Date :03/02/2014
(87) International Publication No :WO 2014/117224
(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)ISAAKIDIS Ignatious
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(72)**Name of Inventor :**
1)ISAAKIDIS Ignatious

(57) Abstract :
A thermal energy harnessing system which comprises of an energy harnessing chamber system with a return outlet pressurised pipe /chamber system that provides a safer and controlled way of absorbing extracting conducting and harnessing thermal energy by transferring the thermal energy to gasses liquids or any other material within an energy harnessing chamber(s). Valves connect and create chamber(s). Valves are triggered at predetermined settings to control temperature pressure volume and duration of gases liquids or other material(s) within the chamber(s). The heated pressurised gases liquids or other material can be transferred to the return outlet pressurised pipe chamber(s) and to any location and/or an energy converting plant through the return outlet pressurised pipe chamber(s). Thus energy from thermal heat can be transferred from chamber to chamber to any location without the need of pumps.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2014

(21) Application No.9239/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : 1,3 -DIARYL-SUBSTITUTED HETEROCYCLIC PESTICIDES

(51) International classification :A01N43/56
(31) Priority Document No :61/647659
(32) Priority Date :16/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/040748
Filing Date :13/05/2013
(87) International Publication No :WO 2013/173218
(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)CAMPBELL, Matthew, James
3)CHAN, Dominic, Ming -Tak
4)LONG, Jeffrey, Keith
5)STEVENSON, Thomas, Martin

(57) Abstract :
Disclosed are compounds of Formula 1,iV-oxides, and salts thereof, wherein Q is and Z Z J J M R R R R R R R and R are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula 1 and methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biologically effective amount of a compound or a composition of the invention.

No. of Pages : 196 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2014

(21) Application No.637/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROSTHETIC COMPONENTS AND METHODS FOR JOINT LINE ACCESS

(51) International classification :A61F
(31) Priority Document No :13/837,585
(32) Priority Date :15/03/2013
(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)STEPHANIE M. WAINSCOTT
3)TYLER S. HATHAWAY
4)AARON J. MATYAS
5)JOSEPH G. WYSS
6)FILIP LESZKO

(57) Abstract :
A method for joint line assembly of an orthopaedic prosthesis assembly includes inserting a tapered post of a first prosthetic component into a tapered bore of a second prosthetic component along a longitudinal axis to secure the first prosthetic component to the second prosthetic component. A shaft of a fastener is advanced along the longitudinal axis through a threaded passageway defined in the second prosthetic component and into the first prosthetic component. The threaded passageway has a greater diameter than a diameter of the shaft. The end of the shaft is threaded into a threaded aperture defined in the first prosthetic component.

No. of Pages : 75 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014

(21) Application No.698/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR INCREASING ROBUSTNESS OF A SYSTEM WITH A REMOTE SERVER

(51) International classification :H04L
(31) Priority Document No :13/795,823
(32) Priority Date :12/03/2013
(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)ROBERT JOHN PROBIN
2)GAVIN FRASER DAVIDSON
3)MARTIN LEONARD CRISP

(57) Abstract :
Systems and methods for increasing robustness of a system with a remote server are provided. Some methods can include a first system remotely controlling a second system, detecting a failure in the first system or in a communication link between the first system and the second system, and temporarily removing control of the second system from the first system

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2015

(21) Application No.869/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITIONS CONTAINING HC HA/PTX3 COMPLEXES AND METHODS OF USE THEREOF

(51) International classification :A61K47/48
(31) Priority Document No :61/670571
(32) Priority Date :11/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049983
Filing Date :10/07/2013
(87) International Publication No :WO 2014/011813
(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)TSENG Scheffer
2)HE Hua
3)TIGHE Sean
4)ZHANG Suzhen
5)ZHU Ying Tieng

(57) Abstract :
Provided herein are methods for the production of native and reconstituted hyaluronan (HA) complexes containing pentraxin 3 (PTX3) and heavy chain 1 (HCl) of inter alpha inhibitor (lal). Compositions containing the complexes and therapeutic methods using the complexes are provided. Combinations and kits for use in practicing the methods also are provided.

No. of Pages : 567 No. of Claims : 148

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2014

(21) Application No.9771/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ANTI LY6E ANTIBODIES AND IMMUNOCONJUGATES AND METHODS OF USE

(51) International classification :A61K39/00
(31) Priority Document No :61/649775
(32) Priority Date :21/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/041848
Filing Date :20/05/2013
(87) International Publication No :WO 2013/177055
(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)CHANG Peter
2)SAKANAKA Chie

(57) Abstract :
The invention provides anti Ly6E antibodies immunoconjugates and methods of using the same.

No. of Pages : 140 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2009
(21) Application No.277/DEL/2009 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELECTRICAL CONDUCTOR

(51) International classification :H01B5/00
(31) Priority Document No :08 290 201.6
(32) Priority Date :26/02/2008
(33) Name of priority country :EUROPEAN UNION
(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)THOMAS MANN

(57) Abstract :
An electrical conductor L is specified, which has a central core (1) and at least two layers which are arranged above the core (1) and are composed of electrically conductive individual wires, which are twisted around the core (1) in a first layer (2) and around the first layer (2) in a second layer (4) . The individual wires of the first layer (2) are steel wires with an ultimate tensile strength of between 800 N/mm and 2000 N/mm2, and the individual wires of the second layer (4) are copper wires with an ultimate tensile strength of between 250 N/mm2 and 400 N/mm2. A wire composed of a soft-annealed copper with an ultimate tensile strength of at least 210 N/mm2 is used as the core (1) . The lay length of the copper wires (5) is between 8 x D and 18 x D where D is the diameter of the conductor L over the second layer.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2013

(21) Application No.3570/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AMINO PYRROLIDINE AZETIDINE DIAMIDES AS MONOACYLGLYCEROL LIPASE INHIBITORS

(51) International classification :C07D403/12,C07D405/14,C07D409/14
(31) Priority Document No :61/405984
(32) Priority Date :22/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057090
Filing Date :20/10/2011
(87) International Publication No :WO 2012/054721
(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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2)CONNOLLY Peter J.
3)LIN Shu chen
4)MACIELAG Mark J.

(57) Abstract :
Disclosed are compounds compositions and methods for treating various diseases syndromes conditions and disorders including pain. Such compounds and enantiomers diastereomers and pharmaceutically acceptable salts thereof are represented by Formula (I) as follows: (I) wherein Y, Z and R1 and R2 are defined herein.

No. of Pages : 171 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2014

(21) Application No.6128/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR DETERMINING SEVERITY OF PNEUMOCOCCAL PNEUMONIA

(51) International classification :G01N33/569,G01N33/53,C12Q1/04
(31) Priority Document No :2012081038
(32) Priority Date :30/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/059564
Filing Date :29/03/2013
(87) International Publication No :WO 2013/147173
(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)FUKUSHIMA Kiyoyasu
2)TANAKA Yumi

(57) Abstract :
Provided is a method that can determine the severity of pneumococcal pneumonia more objectively and rapidly using patient blood. The method for determining the severity of pneumococcal pneumonia uses as indicators the presence/absence of pneumococcal antigens in blood sampled from the patient and at least one biochemical assay value selected from the in blood C reactive protein concentration (CRP) the white blood cell count (WBC) and the blood urea nitrogen concentration (BUN).

No. of Pages : 41 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.675/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : EXHAUST GAS ANALYZING APPARATUS

(51) International classification	:G01N
(31) Priority Document No	:2013-048341
(32) Priority Date	:11/03/2013
(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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1)MIYAI, Masaru

(57) Abstract :
The present invention is one that is, in an exhaust gas analyzing apparatus (100) used together with a CVS mechanism (1) that is configured to sample a total amount of exhaust gas emitted from an internal combustion engine, mix diluent gas with the exhaust gas to produce mixed gas, and make a flow rate of the mixed gas constant, adapted to be able to make an analysis with high accuracy, and an analyzing mechanism (10) is provided with: a target component concentration meter (11) that measures a moisture-influenced concentration related value that is a value related to concentration of a measuring target component in a state of being influenced by moisture; and a moisture concentration meter (12) that measures a moisture concentration related value that is a value related to concentration of the moisture, and adapted to, on the basis of the moisture concentration related value, eliminate the influence of the moisture from the moisture-influenced concentration related value to calculate each of the first concentration related value and the second concentration related value.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.719/DEL/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INTAKE STRUCTURE OF INTERNAL COMBUSTION ENGINE •

(51) International classification :F02M35/112
(31) Priority Document No :2014-067711
(32) Priority Date :28/03/2014
(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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1)TAKASHI NOMURA
2)TAKAMORI SHIRASUNA

(57) Abstract :
To provide an intalce structure of an internal combustion engine which improves the fuel efficiency and 5 output of the internal combustion engine by preventing adhesion of sprayed fuel sprayed from a fuel injection valve onto an intake port and promoting atomization of the sprayed fuel, while increasing the flow speed of air-fuel mixture passing through an inside of the intake port.[Solving Means] The intake structure of an internal combustion engine includes: an intake port 41 provided to extend in a direction intersecting a cylinder axis L and curve in a direction along the cylinder axis L; and a single intake valve 25 configured to open and close flow of 15 intake air from the intake port 41 to a combustion chamber 21. In the intake structure, an inside of the intake port 41 is divided into an upper passage 41a on an upper side and a lower passage 41b on a lower side by a partition wall 71, a fuel injection valve 54 configured to inject fuel to 20 the upper passage 41a on an outer side of a curvature of the intake port is disposed upstream of the intake port 41, and a fuel dome chamber 4 2 configured to promote evaporation of the sprayed fuel by causing the fuel to diffuse is formed in an upper wall 41c of the intake port 25 41. [Selected Drawing] Fig. 6

No. of Pages : 46 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/11/2014

(21) Application No.9479/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : IMPROVEMENTS RELATING TO THE TRANSMISSION OF ENERGY

(51) International classification :H02P6/00
(31) Priority Document No :1207494.4
(32) Priority Date :30/04/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/050594
Filing Date :11/03/2013
(87) International Publication No :WO 2013/164565
(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)HOWES, Jonathan Sebastian

(57) Abstract :
Apparatus for transmitting energy comprising an electrical machine arranged to convert between electrical and mechanical energy, and comprising a rotor (20) and control means (42, 44, 90) arranged to regulate the motion of the rotor to ensure that the power angle of the electrical machine is maintained within a range of a predetermined power angle. A signal generator (2 6) such as a synchronous machine and associated flywheel, may generate a reference signal relating to the predetermined power angle and be powered by a frequency regulated electrical supply. The control means (42 , 44, 90) may be a mechanical control linkage or servo control system and may regulate the output of the motion of the rotor in response to a change in its motion which the control means or a dedicated detection device detects. The electrical machine may be an electric motor, an electricity generator , or a machine switchable between motor and generator modes. The apparatus may generate electricity to supply to a power grid, and/or store electricity supplied by a power grid and the electrical machine may be a synchronous machine where the rotor requires regulation to accommodate grid fluctuations such as low voltage events so as to remain synchronised. The apparatus may comprise an energy storage system that supplies and/or receives power from a power grid.

No. of Pages : 34 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2014

(21) Application No.9666/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONVERSION OF PROPANE TO PROPYLENE

(51) International classification :C07C9/001
(31) Priority Document No :13/479085
(32) Priority Date :23/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/042491
Filing Date :23/05/2013
(87) International Publication No :WO 2013/177438
(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)GROSSO, Philip
5)SHERMAN ,Jeffrey, H.
6)ZHANG ,Aihua
7)MCFARLAND ,Eric, W.

(57) Abstract :
A process is disclosed that includes brominating a C2, C3, C4, C5, or C6 alkane with elemental bromine to form a bromo- alkane. The bromo alkane is reacted to form a C2, C 3, C4, C5, or C6 alkene and HBr. The HBr is oxidized to form elemental bromine.

No. of Pages : 36 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2013

(21) Application No.3565/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MATRIX METALLOPROTEINASE INHIBITORS

(51) International classification :C07D209/48,C07D253/04,C07D401/12
(31) Priority Document No :2279/DEL/2010
(32) Priority Date :24/09/2010
(33) Name of priority country :India
(86) International Application No :PCT/IB2011/054229
Filing Date :26/09/2011
(87) International Publication No :WO 2012/038944
(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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8)REDDY Ranadheer R.
9)MUSIB Arpita
10)CLIFFE Ian A.
11)BHATNAGAR Pradip Kumar
12)RAY Abhijit
13)SRIVASTAVA Punit
14)DASTIDAR Sunanda Ghosh

(57) Abstract :
The present invention relates to methyl sulfonamides and N formamides derivatives of formula (I) and to processes for their syntheses. The invention also relates to pharmacological compositions containing these derivatives and methods of treating asthma rheumatoid arthritis COPD rhinitis osteoarthritis psoriatie arthritis psoriasis pulmonary fibrosis pulmonary inflammation acute respiratory distress syndrome perodontitis multiple sclerosis gingivitis atherosclerosis dry eye neointimal proliferation which leads to restenosis and ischemic heart failure stroke renal disease tumor metastasis and other inflammatory disorders characterized by over expression and over activation of an matrix metalloproteinase using the compounds.

No. of Pages : 94 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2014

(21) Application No.7004/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ORAL CARE IMPLEMENT

(51) International classification :A47L13/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/027165
Filing Date :01/03/2012
(87) International Publication No :WO 2013/130080
(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 :300 Park Avenue New York New York 10022 U.S.A.
(72)**Name of Inventor :**
1)WECHSLER Andreas
2)MOSKOVICH Robert

(57) Abstract :
An oral care implement (100) having a head (120) that achieves an enhanced cleaning action during brushing. In one embodiment the invention can be an oral care implement comprising: a handle (110) extending from a proximal end to a distal end; a head comprising: a cantilever (130) extending from the distal end of the handle; a spheroid (160) protruding from a front surface (131) of the cantilever; a rigid plate (140) the rigid plate spaced from the cantilever by a gap (151); and a first resilient material (150) in the gap flexibly coupling the rigid plate to the cantilever the first resilient material encasing the spheroid and covering a rear surface (142) of the rigid plate and the front surface of the cantilever; a plurality of teeth cleaning elements (143) extending from a front surface of the rigid plate; and the rigid plate pivoting about the spheroid in response to brushing forces being applied to the head.

No. of Pages : 31 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2015
(21) Application No.872/DELNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TRANSPARENT DISPLAY APPARATUS FOR DISPLAYING INFORMATION OF DANGER ELEMENT AND METHOD THEREOF

(51) International classification :G08G1/166
(31) Priority Document No :1020120075209
(32) Priority Date :10/07/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/006123
Filing Date :10/07/2013
(87) International Publication No :WO 2014/010931
(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)SAMSUNG ELECTRONICS CO. LTD.
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(72)**Name of Inventor :**
1)LEE Han sung
2)LEE Chang soo
3)LEE Geun ho

(57) Abstract :
A transparent display apparatus which is used in a transportation apparatus includes: a communication unit which receives surrounding situation information a controller which recognizes surrounding objects using the surrounding situation information and determines a danger element that is likely to collide with the transportation apparatus using characteristics of the surrounding objects and a movement characteristic of the transportation apparatus and a transparent display which displays information for informing a user of the danger element. Accordingly a surrounding situation can be effectively presented.

No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2014

(21) Application No.3204/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INHIBITORS OF ARGINASE AND THEIR THERAPEUTIC APPLICATIONS

(51) International classification :C07F5/02
(31) Priority Document No :61/548939
(32) Priority Date :19/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/060789
Filing Date :18/10/2012
(87) International Publication No :WO 2013/059437
(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)JI Min Koo
4)WHITEHOUSE Darren
5)RYDER Todd
6)BECKETT Raymond Paul

(57) Abstract :
The inventive compounds are small molecule therapeutics that are potent inhibitors of Arginase I and II activity. The invention also provides pharmaceutical compositions of the inventive compounds and methods for using the inventive compounds for treating or preventing a disease or a condition associated with arginase activity.

No. of Pages : 142 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/04/2013

(21) Application No.3302/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELASTOMERIC DENTAL FLOSS

(51) International classification :A61C15/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/055667
Filing Date :05/11/2010
(87) International Publication No :WO 2012/060843
(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 :
Described herein are dental floss compositions comprising an elastomeric matrix containing one or more particles and methods of making and using the same.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.3394/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD OF PRODUCTION OF 2 4 DIHYDROXYBUTYRIC ACID

(51) International classification :C12N9/12,C12N9/04,C12P7/16
(31) Priority Document No :PCT/IB2010/003153
(32) Priority Date :28/10/2010
(33) Name of priority country :PCT
(86) International Application No :PCT/IB2011/002870
Filing Date :27/10/2011
(87) International Publication No :WO 2012/056318
(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)HUET Robert
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(57) Abstract :
The present invention deals with a method of producing 2,4-dihydroxybutyric acid (2,4-DHB) by a synthetic pathway comprising the transformation of malate in 4-phospho-malate using a malate kinase, said 4- phospho-malate being transformed in malate-4-semialdehyde using a malate semialdehyde dehydrogenase and said malate-4-semialdehyde being transformed in 2,4-DHB using a DHB dehydrogenase.

No. of Pages : 66 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2013

(21) Application No.3575/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BED BUG MONITOR DEVICE FOR VERTICAL SURFACES

(51) International classification :A01M1/02,A01M1/10,A01N31/02
(31) Priority Document No :61/411016
(32) Priority Date :08/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054853
Filing Date :05/10/2011
(87) International Publication No :WO 2012/064426
(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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4)WOODRUFF Keith F.
5)ENGRAM Michael J.
6)RIENDL Amelie H.
7)PRUITT Joseph
8)FOSTER Jerry V.
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10)KNIGHT Erica
11)MCNEELY James Noah
12)JACKSON David Nelson

(57) Abstract :
A bed bug monitor and/or capture device includes a housing defining a substantially enclosed interior space and a deadfall trap; a harborage element mounted adjacent the deadfall trap that defines at least one pathway through which bed bugs can travel; at least one bed bug attractant element positioned within the interior space of the housing; and at least one opening defined in at least one wall of the housing at a location either on or adjacent the deadfall trap and/or the harborage element wherein fumes emanating from the bed bug attractant element can escape through the at least one opening to a location outside of the device in order to lure bed bugs toward the deadfall trap and the harborage element.

No. of Pages : 50 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2014

(21) Application No.3765/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TUNGSTEN OXO ALKYLIDENE COMPLEXES FOR Z SELECTIVE OLEFIN METATHESIS

(51) International classification :C07F15/00
(31) Priority Document No :61/556643
(32) Priority Date :07/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/063898
Filing Date :07/11/2012
(87) International Publication No :WO 2013/070725
(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)HOVEYDA Amir H.

(57) Abstract :
The current application describes tungsten oxo alkylidene complexes for olefin metathesis.

No. of Pages : 138 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.724/DEL/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FILTERING METHOD FOR REMOVING BLOCK ARTIFACTS AND/OR RINGING NOISE AND APPARATUS THEREFOR

(51) International classification :H04N19/14
(31) Priority Document No :2002-5742
(32) Priority Date :31/01/2002
(33) Name of priority country :Republic of Korea
(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 :3/DEL/2003
Filed on :01/01/2003

(71)**Name of Applicant :**
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1)Jeong-hoon Park
2)Yong-je Kim
3)Yung-lyul Lee

(57) Abstract :
Provided are a filtering method and apparatus for removing blocking artifacts and ringing noise. The filtering method includes transforming video data in a block-by-block basis, and detecting the presence of an edge region in the video data by checking the distribution of values obtained by the transformation. Accordingly, it is possible to completely remove blocking artifacts and/or ringing noise by more effectively detecting the presence of an edge region in the video data.

No. of Pages : 32 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2013

(21) Application No.2193/DELNP/2013 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SEPARATION OF ANALYTES

(51) International classification :B03B5/52
(31) Priority Document No :61/386514
(32) Priority Date :26/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052917
Filing Date :23/09/2011
(87) International Publication No :WO 2012/040555
(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)OKEEFE Donald

(57) Abstract :
A method and apparatus involving the configuration of an open capillary channel for size based separation of analytes is described. The open capillary channel contains numerous turns of defined angles separated by intervening linear or curvilinear segments of capillary tubing. The configuration of the channel allows analyte differentiation based on diffusion coefficients and thus separates analytes by size.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2014

(21) Application No.640/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HIGH-BARRIER POLYETHYLENE TEREPHTHALATE FILM

(51) International classification :B23B
(31) Priority Document No :61/840,290
(32) Priority Date :27/06/2013
(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)NAIK, Sudhir

(57) Abstract :
A high-barrier film is provided that includes a biaxially-oriented polyethylene terephthalate (PET) layer having a first side and a second side opposite the first side, a cross-linked acrylic primer layer, and a metal barrier layer. The cross-linked acrylic primer layer is adjacent to the second side of the PET layer and has a dynamic coefficient of friction (μD) to steel of less than about 0.45, while the metal barrier layer is adjacent to the first side of the PET layer. The film has a total thickness of less than about 10 μm and has a tensile strength of at least about 2500 kg/cm2. Processes for producing the high-barrier film are also provided.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2014
(21) Application No.9641/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONTENT CUSTOMIZATION

(51) International classification :H04L67/28
(31) Priority Document No :13/465871
(32) Priority Date :07/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039757
Filing Date :06/05/2013
(87) International Publication No :WO 2013/169670
(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)HWANG, Douglas

(57) Abstract :
A content customization service is disclosed. A user computing device and/or a content customization server may customize a narration associated with an item of content at the request of a listener or a rights -holder. One or more user interfaces may be provided to facilitate these requests. Some examples of customization include specifying settings for the language , accent , mood , or speaker of the narration. Other examples of customization include specifying settings for the bass , treble , pitch , pace , or contrast of the narration. The content customization service may select a computing device to perform the customization. For example ,the user computing device may modify the narration by itself , or the user computing device may transmit a request for modified narration to the content customization server, which may then transmit modified narration to the user computing device.

No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/11/2014

(21) Application No.9429/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MOUTH RINSE EMULSIONS

(51) International classification :A61K8/41,A61K8/92,A61K8/06
(31) Priority Document No :13/529064
(32) Priority Date :21/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/046731
Filing Date :20/06/2013
(87) International Publication No:WO 2013/192382
(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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2)RAMJI, Niranjan
3)TIPPER, Bruce, Ernest

(57) Abstract :
Disclosed are oral care mouth rinse compositions formulated as stable oil- in -water emulsions comprising: (a) at least about 0.025 % by weight of a quaternary ammonium antimicrobial agent, (b) at least about 0.05 % by weight of an essentially water insoluble volatile oil, and (c) at least about 50 % by weight water, wherein the emulsion comprises oil droplets having an average mean particle size of about 350 nm or less. Examples of quaternary ammonium antimicrobial agent include cetylpyridinium chloride (CPC), tetradecylpyridinium chloride, N- tetradecyl- 4- ethyl pyridinium chloride or domiphen bromide.

No. of Pages : 45 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2014

(21) Application No.9622/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : REUSABLE BLADE HUB ASSEMBLY

(51) International classification :A61B17/32
(31) Priority Document No :13/472895
(32) Priority Date :16/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/039796
Filing Date :07/05/2013
(87) International Publication No :WO 2013/173114
(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 :**
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2)LORETH Brian Joseph
3)IRMAKOGLU SHENER Cemal

(57) Abstract :
A surgical instrument including a reusable and sterilizable hub assembly and a releasably connectable disposable blade assembly allows multiple reuse of the hub assembly in conjunction with single use disposable blade assemblies.

No. of Pages : 38 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2014

(21) Application No.2159/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PREPARATION METHOD OF DELAY RELEASE MULTI-DRUGS COMPONENT ORAL DISINTEGRATE TABLETS FOR COUGH

(51) International classification	:A61K 9/107	(71)**Name of Applicant :** **1)TULSHI CHAKRABORTY**
(31) Priority Document No	:NA	Address of Applicant :MM COLLEGE OF PHARMACY,
(32) Priority Date	:NA	MAHARISHI MARKANDESHWAR UNIVERSITY,
(33) Name of priority country	:NA	MULLANA, AMBALA (HARYANA)-133207 Haryana India
(86) International Application No	:NA	**2)VIPIN SAINI**
Filing Date	:NA	**3)SUMEET GUPTA**
(87) International Publication No	: NA	(72)**Name of Inventor :**
(61) Patent of Addition to Application Number	:NA	**1)TULSHI CHAKRABORTY**
Filing Date	:NA	**2)VIPIN SAINI**
(62) Divisional to Application Number	:NA	**3)SUMEET GUPTA**
Filing Date	:NA	**4)SAKSHI SHARMA**

(57) Abstract :
The present invention provides a preparation method of delay release multi-drugs component oral disintegrate tablets for cough which has superior pharynx, larynx and tracheal mucosa flux properties, which may be used for the treatment of cough, cough type asthma, cold and cough, allergic cough, coughing and phlegm, bronchitis coughing caused by wind heat invasion on lungs, and earth worm cough. Therefore, preparation method of delay release multi-drugs component unit dosage formulation which comprises preferably Chlorpheniramine Maleate, Dextromethorphan Hydrobromide and levocetirizine dihydrochloride oral disintegrate tablets for cough, by wet granulation method in the invention is able to continuously and stably release drug in during a long time, as well as maintain effective and safe drug concentration.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.672/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FEMORAL SYSTEM HANDLE SURGICAL INSTRUMENT AND METHOD OF ASSEMBLING SAME •

(51) Inter ational classification :A61B
(31) Priority Document No :13/834,862
(32) Priority Date :15/03/2013
(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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3)WILLIAM R. MACUMBER
4)JANELLE M. LUBENSKY
5)DUNCAN G. YOUNG
6)JONATHAN C. LEE
7)JEFFREY M. WALCUTT
8)FRANCISCO A. AMARAL
9)CARL F. LIVORSI

(57) Abstract :
An orthopaedic surgical instrument assembly includes a system handle configured to clamp a broach and femoral stem trial assembly. The system handle includes a clamp lever and a release lever both pivotally coupled to the system handle, and a leaf spring connecting the clamp lever and the release lever. When the release lever is moved from an unclamped position to a clamped position, the leaf spring is put in tension, and the clamp lever engages a flange of the broach, securing the broach to the system handle. Methods of assembling the system handle are described and claimed.

No. of Pages : 63 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014

(21) Application No.702/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SERVER, DATA CACHING METHOD, AND COMMUNICATION SYSTEM

(51) International classification :B65D
(31) Priority Document No :201310101545.7
(32) Priority Date :28/03/2013
(33) Name of priority country :China
(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)Xiaolei WANG
4)Yanan BAO
5)Sheng ZHOU
6)Mika MIZUTANI
7)Zhisheng NIU

(57) Abstract :
It is provided are a sewer including: a storage module for storing original files and characteristics of the original files; an encoding module for encoding the original files stored in the storage module to generate encoded symbols; an information acquisition module for communicating with at least one transmission node and acquiring state information from the at least one transmission node; a control module for calculating a number of the encoded symbols to be sent to the at least one transmission node for caching based on the characteristics of the original files stored in the storage module and the state information of the at least one transmission node acquired by the information acquisition module; and a communication module for sending the encoded symbols to the at least one transmission node based on the number of the encoded symbols calculated by the control module.

No. of Pages : 45 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2014

(21) Application No.9653/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AIR CONDITIONING SYSTEM WITH MULTIPLE EFFECT EVAPORATIVE CONDENSER

(51) International classification :F28D5/02
(31) Priority Document No :13/506462
(32) Priority Date :21/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/037505
Filing Date :21/04/2013
(87) International Publication No :WO 2013/159079
(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 :9019 Catherine Street, Pico Rivera, CA 90060 U.S.A.
(72)**Name of Inventor :**
1)WONG, Lee ,Wa

(57) Abstract :
An air conditioning system includes a multiple effect evaporative condenser, at least one compressor at least one heat exchanger, an expansion valve, and at least one multiple-effect evaporative condensers. The multiple effect evaporative condenser and the heat exchanger utilize a highly efficient heat exchanging pipe for performing heat exchange between water and refrigerant.

No. of Pages : 149 No. of Claims : 119

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3319/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TRAIN CONTROL SYSTEM

(51) International classification :B61L 3/02
(31) Priority Document No :2011218255
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074284
Filing Date :21/09/2012
(87) International Publication No :WO 2013/047388
(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)TSUKAMOTO Yasushi

(57) Abstract :
This train control system comprises: an on board device (3) installed on each train (2) that travels on a predetermined track; an on board wireless device (4) that transmits/receives information of the on board device (3); a wayside wireless device (5) provided at a predetermined position on the ground; and a ground device (6) connected to the wayside wireless device (5) such that transmission/reception can be performed therebetween. On the basis of the result of distance measurement by communication between the wayside wireless device (5) and the on board wireless device (4) the ground device (6) obtains positional information of a train (2) and a subsequent train (2) and transmits said information to the on board device (3). The on board device (3) calculates the stop limit position of the subsequent train (2) on the basis of the positional information of the train (2) on which the on board device is installed and the positional information of the subsequent train (2) that are transmitted from the ground device (6) and transmits the stop limit position to the subsequent train (2).

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/07/2014

(21) Application No.6130/DELNP/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MODIFIED OLIGONUCLEOTIDES FOR TELOMERASE INHIBITION

(51) International classification :A61K47/48
(31) Priority Document No :60/501,509
(32) Priority Date :09/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/029718
Filing Date :09/09/2004
(87) International Publication No :WO/2005/023994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1580/DELNP/2006
Filed on :23/03/2006

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(72)**Name of Inventor :**
1)GRYAZNOV, Sergei
2)PONGRACZ, Krisztina

(57) Abstract :
Compounds comprising an oligonucleotide moiety covalently linked to a lipid moiety are disclosed. The olignoucleotide moiety comprises a sequence that is complementary to the RNA component of human telomerase. The compounds inhibit telomerase activity in cells with a high potency and have superior cellular uptake characteristics.

No. of Pages : 57 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.673/DEL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FEMORAL SURGICAL INSTRUMENT AND METHOD OF USING SAME

(51) International classification :A61B
(31) Priority Document No :13/834374
(32) Priority Date :15/03/2013
(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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3)JANELLE M. LUBENSKY
4)DUNCAN G. YOUNG
5)JONATHAN C. LEE
6)JEFFREY M. WALCUTT
7)FRANCISCO A. AMARAL
8)CARL F. LIVORSI
9)PETER J. JAMES

(57) Abstract :
An orthopaedic surgical instrument assembly includes an instrument handle configured to clamp a broach and femoral stem trial assembly. A depth stop is configured to removably couple to the instrument handle. When the broach and femoral stem trial are advanced into a medullary canal of a patient™s femur, a substantially planar proximal surface of the depth stop is configured to engage the distal surface of the femur, determining the depth of the broach in the medullary canal. The proximal surface of the depth stop is parallel to the joint line, defining an oblique angle to the anatomical axis of the femur. The depth stop may be attached to the instrument handle at a number of positions to control the depth of the broach. The assembly may include a spacer plate removably coupled to the depth stop that distalizes the broach in the medullary canal

No. of Pages : 60 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2014

(21) Application No.2589/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A PROCESS FOR CONVERSION OF BIOMATERIAL

(51) International classification :C01B31/08, C10L5/44, C10L9/08, C09C1/
(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)Dhoot Shrikant Balkisan
2)Raje Vivek Prabhakar
3)Parasuveera Uppara
4)Vidhya Rangaswamy

(57) Abstract :
The present disclosure relates to a process for conversion of organic matter present in the biomaterial to simpler organic compounds, with minimum by-product formation. The process of the present disclosure involves conversion of biomass to simpler carbohydrates such as sugars and employs an organic acid catalyst for performing the conversion. Particularly, the catalyst used is a Sulphonic Acid catalyst which selectively hydrolyses Hemicellulose in Biomass to Xylose, with minimum Furfural formation.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3223/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR SYNTHESIS OF BIO STABILIZED GOLD NANOPARTICLES USING WATER HYACINTH

(51) International classification :C02F3/04, C01B31/08, C12N11/08, C12N1
(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)ATITH CHITNIS
3)YASH BOGAWAT
4)VEDANT KADAM
5)ROCHELLE COLACO

(57) Abstract :
Disclosed is a method for synthesis of bio stabilized gold nanoparticles using water hyacinth. The method includes collecting water hyacinth plants. Further, the method includes separating the swollen petioles from the water hyacinth plant and washing the swollen petioles with sterile distilled water. Furthermore, the method includes crushing the swollen petioles to get the extract from the petioles of water hyacinth and filtering the extract. Thereafter, the method includes adding the prepared extract of water hyacinth petioles to equal volumes of 10 mM gold tetrachloride (AuCI4) to form mixture. The reaction mixture thus formed is incubated for 4 hours at 37°C until the color of the mixture is changed.

No. of Pages : 12 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3224/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LA LIBERTE - MOBILE SHOPPING SERVICES

(51) International classification :G06Q30/00
(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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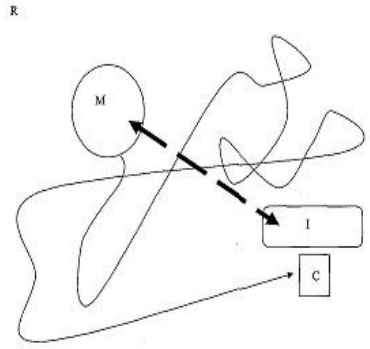
(72)**Name of Inventor :**
1)PATIL ATUL ASHA-PRABHAKAR

(57) Abstract :
Customer-centric shopping procedural Services are disclosed in this invention. La Liberie; a Mobile Shoppe, is the invention by which the customer would be getting the joy of doing her/his/its beloved shopping at her/his/its favourite place and at her/his/its favourite time/hour. Also, by this invention customer would be getting the chance to purchase what (read Quality) she/he/it really wanted to purchase and of the color, taste, fragrance etc. of her/his/its choice. The disclosed invention La Liberte-A Mobile Shoppe is the Service extended to the customer which allows the customer to do the shopping in what called as Real-Customer-Centric shopping. Through this Service, the Service Provider (to be read - Company) would be in the service of the customer by keeping infront of that customer, the Product Preferences according to the customer's likings, at the convenient time and at the convenient location of the customer's favorite wishes. Through this Service, the customer would be getting the quality Product at an affordable price. This Mobile Shoppe services would benefit the customer in the sense that; it would not be totally wrong in saying that, It would be the first Service of its own kind that offers the customer the Joy of the Shopping at the customer's favourite location and at the customer's favourite time! And, the customer is provided with the Preferences of the Quality and of the Attributes according to her/his/its own likings (and not according to the likings of the Shopper, as the existing picture).



No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3227/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LENSLESS IMAGING DEVICE FOR DISEASE DIAGNOSTICS

(51) International classification :C12Q1/68
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)SAPTARSHI DAS
3)SATISH DUBEY
4)VISHAL PRABHU

(57) Abstract :
A device for imaging a sample for disease diagnostics is disclosed. The device comprises a light source, an image sensor, wherein the sample is positioned between the light source and the image sensor such that the light source illuminates the sample. The distance between the sample and the image sensor is less than the distance between the light source and the sample, and projection of the sample is captured on the image sensor. The image captured on the image sensor is one of an absorption profile or a fluorescent emission profile of the sample. The device further comprises a database of previously stored images of samples.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3218/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PERSONALIZING A PHYSICAL DOCUMENT

(51) International classification :G06F17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)GHOSALKAR Parag Prabhakar

(57) Abstract :
System and method for personalizing a physical document (104) are provided. The system includes a kiosk (102) and at least one remote server (302). The kiosk (102) is configured to read a unique code from the physical document (104), receive at least information identifying a user™s financial account through a financial instrument, and communicate the unique code and the information identifying the user™s financial account to the remote server (302). The remote server (302) is configured to receive the unique code and the information identifying the user™s financial account from the kiosk (102), and associate the unique code with the user™s financial account. Reference figure: FIG. 6

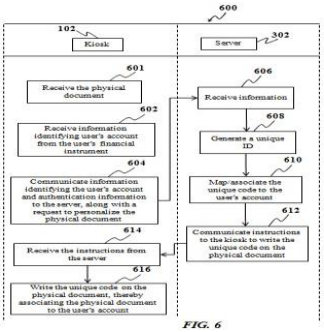

FIG. 6

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3219/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A MULTI-STAGE CENTRIFUGAL PUMP WITH HYBRID DIFFUSION TECHNOLOGY.

(51) International classification :F04D29/44
(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)GARJE PRAVIN
2)AKOLE ANIL

(57) Abstract :
A multi-stage centrifugal pump with hybrid diffusion technology, said pump comprising: at least a first stage for said multi-stage centrifugal pump comprising at least a suction annular casing, said first stage further comprising at least at least a first impeller; at least an end stage for said multi-stage centrifugal pump comprising at least an end impeller, said end stage further comprising at least a delivery volute casing adapted to deliver said fluid at the exit stage; and at least an intermediate plate with return channels, said intermediate plate adapted to separate stages in the multiplicity of stages of said multi-stage centrifugal pump, thereby providing at least an intermediate plate between any two adjacently located impellers in said multi-stage centrifugal pump.

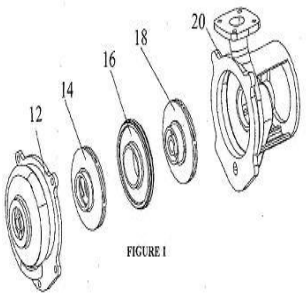

FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3220/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MOBILE DEVICES HAVING IN-BUILT IRIS RECOGNITION SYSTEM AND METHOD THEREOF

(51) International classification :A61B3/12
(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)PATEL, MAYUR NAVNITBHAI

(57) Abstract :
Disclosed herein a mobile device having an iris recognition system and method thereof, wherein said mobile device is having built-in iris scanner, wherein iris recognition electronic miniature module along with the iris algorithm which is optimized for mobile device which includes specific iris scanner built-in along with other specific supporting electronics required for iris recognition, which can correct a variation in quality of an image by calculating a quality score and provide feedback to operator via feedback mechanism to improve a recognition rate using an infrared luminescence when performing an iris recognition using the mobile device.

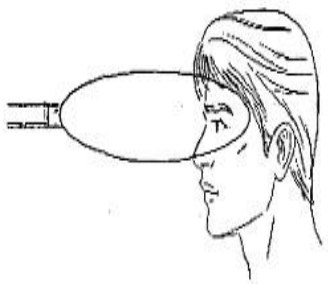

FIG. 1

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3221/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HYBRID AIR HEATER

(51) International classification :F24H3/12, F24H3/04, F24D13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)MANE ABHAY
4)CHOUDHARI KIRAN

(57) Abstract :
A hybrid air heater (100) is disclosed. The air heater (100) comprises a first water-wall (106) surrounding a furnace (104) and a second water-wall (108) defining a reversal chamber (105), for heating water by the hot flue gases conveyed therefrom. A shell (102) containing at least one heat exchanger is located above or in front of the first water-wall (106). The shell (102) receives the heated water from the first water-wall (106) and the second water-wall (108). The heat exchanger containing a set of fire tubes (113) for conveying the hot flue gases and a set of air tubes (114) for conveying cold process air provide heated process air by extracting heat from the heated water and the hot flue gases. Fig.4

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.3241/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PERFORMANCE IMPROVEMENT OF VOTING SYSTEM IN INDIA BY USING AUTOMIZATION OF MICROCONTROLLER AND IMAGE PROCESSING

(51) International classification :G07D7/12
(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)DARSHIT PARESHKUMAR MEHTA
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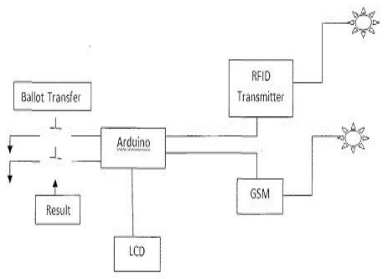
3)DARSHIT PARESHKUMAR MEHTA
4)ASHISH MAHENDRABHAI KOTHARI

(57) Abstract :
It's totally automatic voting systems which include Touch Panel, GSM Module, Wireless System. In this System we collect the data of voting in terms of number by SMS at Authorized Cell Phone. Also there is wireless communication between Ballot Unit & Control Unit, So no need to introduce bunch of wires.

Fig.1



Control Unit

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.3243/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : REAR IMPACT GUARD

(51) International classification :B60R19/56
(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)DIXIT NEHA SHAMKANT
3)CHANDAK ANURAG AJAY

(57) Abstract :
A 'Rear impact guard' is provided on underside of the heavy duty vehicle to avoid underride crashes and save light vehicle; which crashes in to heavy vehicle from behind. Rear impact guard consists of impact energy absorbers, which can be mechanical crushing elements or springs or hydraulic or pneumatic systems used individually or in combination. Impact bar transmits the impact energy to the impact energy absorbers through connecting members. Rear impact guard is mounted on heavy vehicle to absorb impact energy and protects the light vehicle as well as the occupant from underride crash.

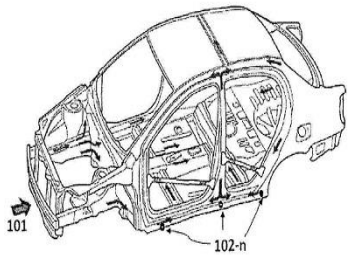

FIG 1A

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.3246/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : STRUCTURING OF POLYMERS FOR FOOD PACKAGING

(51) International classification :B32B27/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)D.R. Sathyanarayanan
3)Shailendra Ingale
4)Sudhakar Mhaskar

(57) Abstract :
The present invention relates to a structuring of polymers with antioxidants for sustained release of antioxidants into food present in the packaging and preparation method thereof. According to the present invention an active food packaging material comprises structurant, antioxidant, virgin plastic, flow modifiers and pigments. The process involves the blending of a structurant and an antioxidant followed by the addition and mixing of pigment/ suitable flow modifier to form the master batch. The master batch is then diluted with virgin plastic and moulded into various shaped bottles or containers. The food product is filled in the container and packed. The structurant particle along with the antioxidant will migrate into the product in a sustained manner.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.3247/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A PROCESS FOR PRODUCING IRON ORE PELLETS INVOLVING IRON OXIDE AND CARBON SOURCED FROM COREX SLUDGE.

(51) International classification :B01J19/12, C21B11/00, C01B3/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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 :JSW CENTRE, BANDRA KURLA COMPLEX, BANDRA(EAST), MUMBAI-400051, MAHARASHTRA,INDIA. Maharashtra India
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2)PARAMASIVAN, Karthik
3)SRINIDHI, Bindignavilae Raghunath
4)REDDY, Manjunath Devalapura Vakkaliga
5)MAHAPATRA, Pradipta Chandra
6)KUMAR, Vikash
7)KUMAR, Satendra

(57) Abstract :
ABSTRACT TITLE: A PROCESS FOR PRODUCING IRON ORE PELLETS INVOLVING IRON OXIDE AND CARBON SOURCED FROM COREX SLUDGE. The present invention relates to a process for producing iron ore pellets by utilization of spent carbon and iron oxides available in Corex sludge obtained as waste from Corex iron making process. The process involves reclaiming carbon content from metallurgical furnace sludge and utilizing the same in manufacturing of iron ore agglomerates/pellets whereby carbon is sourced upto 1.3 % and iron value in pellets is enhanced by about 1.2%. The said carbon content serves as a component of fuel which otherwise is supplied from outside whereas the iron content increases the iron value of pellets, making the process energy efficient and economic while on one hand providing pellets with improved properties and enhanced iron value and on the other hand mitigating waste sludge handling and disposal problem. (Figure 2)

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014
(21) Application No.3187/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : OBJECT SEGMENTATION IN DEPTH MAPS

(51) International classification :F01D15/14
(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 :UNIT 14, PLOT 59, AMCHI COLONY 1, N. D. A. ROAD, BAWDHAN, PUNE - 411 021, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
1)KULKARNI, MANDAR

(57) Abstract :
A method of segmenting objects from a background of a depth map (24), including steps of generating (30) a plurality of vertices (V) of a mathematical graph by combining spatial coordinates of an image element of the plurality of image elements with its corresponding depth value (D), generating (34) a two-dimensional similarity matrix (K), obtained from applying at least two similarity measures to pairs of distinct vertices (Vj, Vj), generating (36) a two-dimensional edge matrix (E), and defining (38) at least one object imaged in the depth map (24) by clustering the pairs of vertices (Vj, Vj) of the plurality of vertices (V) for which the edge matrix element has a non-zero value; and an image segmentation device (10) for segmenting objects from a background of a depth map (24), configured to store at least one program code comprising converted method steps of any embodiment of the method, and wherein a processor unit (14) is configured to execute the at least one program code. ' (Fig. 2)

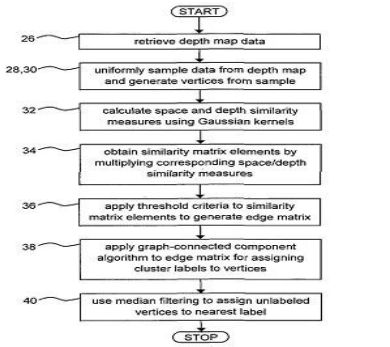

FIG. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.3189/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : Novel Stable Amorphous Form of Isavuconazole base

(51) International classification :A61K 39/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)Khunt, Rupesh Chhaganbhai
2)Rafeeq, Mohammad
3)Merwade, Arvind Yekanathsa
4)Deo, Keshav

(57) Abstract :
The present invention relates to novel stable amorphous form of Isavuconazole base, having purity more than 90 %. In particular of the present invention relates to process for the preparation of novel stable amorphous form of Isavuconazole base, having purity more than 90 %.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.582/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VALUABLE DOCUMENT AUTHENTICATION METHOD AND DEVICE

(51) International classification :G07D7/20
(31) Priority Document No :201210378191.6
(32) Priority Date :08/10/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/073647
Filing Date :02/04/2013
(87) International Publication No :WO 2014/056311
(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)LIANG, TIANCAI
2)YU, YUANCHAO
3)WANG, WEIFENG
4)WANG, KUN

(57) Abstract :
A valuable document authentication method and device. Whether a valuable document an image sensor or a first sensor has shifted or not the effect of authenticating the valuable document will not be affected because a reference unit is needed to determine the location relationship between the image sensor and the first sensor before the valuable document is authenticated thereby preventing an error occurring with the authenticated valuable document due to the fact that each sensor has shifted;moreover when the valuable document is authenticated even if the valuable document has shifted the correctness of the valuable document authenticated can also be guaranteed by the conversion of the location relationship between a detection object and the sensor.Therefore the solution provided in the present invention improves the identification accuracy and working efficiency of the authentication device thereby providing convenience for users.

No. of Pages : 49 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.583/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MAINTENANCE MONITOR DEVICE PROGRAM THEREFOR AND RECORDING MEDIUM

(51) International classification :G06F3/14,B60R16/02,B60S5/00
(31) Priority Document No :2012246750
(32) Priority Date :08/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/079874
Filing Date :05/11/2013
(87) International Publication No:WO 2014/073523
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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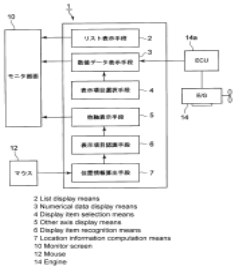
(72)**Name of Inventor :**
1)OKUDA, KEISUKE
2)GOTO, MASAYUKI
3)

(57) Abstract :
An objective of the present invention is to provide a maintenance monitor device whereby it is possible to simultaneously display a graph of numerical data relating to three or more display items and whereby visual recognizability and manipulability are superior. Provided is a maintenance monitor device (1) which is capable of simultaneously displaying upon a monitor screen (10) numerical data concerning three or more display items relating to an apparatus subject to maintenance (14) said maintenance monitor device (1) comprising: a list display means (2) which is capable of displaying upon a monitor screen a list of display items (22); a numerical data display means (3) which is capable of displaying upon the monitor screen a graph of numerical data concerning three or more display items in accordance with graph axes wherein one axis is formed from a time axis; a location information computation means (7) which is capable of computing location information of a cursor (28) which is displayed upon the monitor screen; an display item recognition means (6) which is capable of recognizing a display item which the cursor indicates on the basis of the cursor location information which is computed by the location information computation means; and an other axis display means (5) which is capable of displaying upon another axis of the graph axes only one scale (33) which corresponds to the display item which is recognized with the display item recognition means.



No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.3251/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : USER SEGMENTATION BASED ON USER FEATURE RELATIONSHIP

(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

(71)**Name of Applicant :**
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2)JADHAV, Sandip
3)KELKAR, Rahul Ramesh
4)VIN, Harrick Mayank

(57) Abstract :
To segment users based on user feature relationships, for each of the plurality of users, an initial user fingerprint (UFP) score set is determined. The initial UFP score set includes scores quantifying enterprise-level demands associated with features of the users for working in the enterprise. Each of the features is associated with a factor indicating priority of the feature as compared to other features. Based on the factor, relationship types between the features are identified. Each of the relationship types is associated with a weight. Based on the weight, a final UFP score set is computed for each of the plurality of users. Based on the final UFP score sets, one or more dominant features are identified. Based on the dominant features, the users are grouped into user segments. Further, an optimal deployment solution is determined for each of the user segments based on the dominant features.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015
(21) Application No.607/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SIGNAL PEPTIDE FUSION PARTNERS FACILITATING LISTERIAL EXPRESSION OF ANTIGENIC SEQUENCES AND METHODS OF PREPARATION AND USE THEREOF

(51) International classification :C07K14/195,C12N15/74,A61K39/00
(31) Priority Document No :61/746237
(32) Priority Date :27/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/078119
Filing Date :27/12/2013
(87) International Publication No :WO 2014/106123
(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)HANSON,William, G.
3)SKOBLE, Justin
4)LEONG, Meredith Lai, Ling
5)FASSO, Marcella
6)BROCKSTEDT, Dirk
7)DUBENSKY, Thomas,W.

(57) Abstract :
The present invention provides nucleic acids expression systems and vaccine strains which provide efficient expression and secretion of antigens of interest into the cytosol of host cells and elicit effective CD4 and CD8 T cell responses by functionally linking Listerial or other bacterial signal peptides/secretion chaperones as N terminal fusion partners in translational reading frame with selected recombinant encoded protein antigens. These N terminal fusion partners are deleted (either by actual deletion by mutation or by a combination of these approaches) for any PEST sequences native to the sequence and/or for certain hydrophobic residues.

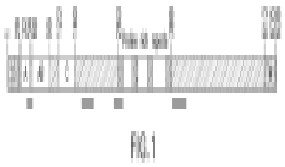

FIG.1

No. of Pages : 73 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.608/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM FOR MEASURING THE FLOW RATE OF A GAS AND USE OF SAID MEASURING SYSTEM IN A METHOD FOR DETERMINING THE ERROR OF A FLOW METER DURING NORMAL OPERATION WITHOUT DISCONNECTING IT FROM ANY PIPES

(51) International classification :G01F25/00,G01F1/42,G01F1/704
(31) Priority Document No :VI2012A000229
(32) Priority Date :21/09/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/002071
Filing Date :20/09/2013
(87) International Publication No :WO 2014/045104
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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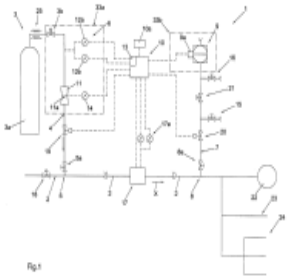
1)SICURO, Andrea,
2)ZANUCCO, Andrea,

(57) Abstract :
The invention is a system (1) for measuring the flow rate of a base gas that flows along a duct (2) comprising: a feeding unit (3) of a secondary gas containing a tracer gas; a feeding duct (4) for the introduction of the secondary gas in the duct (2) under thermodynamic supply conditions; a unit (6) for measuring the flow rate of the secondary gas that flows in the feeding duct (4); a duct (7) suited to extract the mixture of base gas and secondary gas from the duct (2) downstream of the point of introduction of the secondary gas; a device (9) for detecting the concentration of tracer gas in the mixture; a processing unit (10) operatively connected to the measuring unit (6) and to the detector device (9) and configured to calculate the flow rate of the base gas as a function of the concentration of both the secondary gas and the tracer gas flowing in the mixture. The feeding duct (4) comprises a converging nozzle (11) and the feeding unit (3) is configured so that the secondary gas reaches sound speed in the nozzle (11). The measuring unit (6) comprises a sensor unit (12a 12b) suited to detect the thermodynamic supply conditions of the secondary gas and means (13) for calculating the flow rate of the secondary gas based on the thermodynamic supply conditions and the geometric shape of the nozzle (11).



No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.600/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : REACTOR METHOD OF INCREASING THE EFFICIENCY IN A REACTOR AND USE OF THE REACTOR

(51) International classification :C10J3/74,B01J19/18,B02C18/00
(31) Priority Document No :12510962
(32) Priority Date :28/09/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051128
Filing Date :27/09/2013
(87) International Publication No :WO 2014/051514
(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)OLSSON Anders

(57) Abstract :
The present invention concerns a reactor (1) for the gasification of organic material included in composite raw material and the separation of gasified organic material from inorganic material included in the composite raw material the reactor comprising at least one reaction chamber (2) and at least one rotor (3) said reaction chamber (2) comprising at least one housing (6 6a 6b) that is sealed in relation to the surroundings and has at least one inlet opening (8a 8b 8c) and at least one outlet opening (9a 9b) and said rotor (3) comprising at least one shaft (5). Said housing (6 6a 6b) is in heat exchanging contact with at least one channel (20) intended to convey gas for heat exchange between the gas and said housing (6 6a 6b). Said housing (6 6a 6b) is preferably cylindrical and has a primarily circular cross section in a plane that is primarily perpendicular to a principal direction of extension of said at least one shaft (5) said channel (20) being in contact with at least one third of the radial external envelope surface of said housing (6 6a 6b) and in addition entirely or partly surrounding said at least one inlet opening (8a 8b 8c). At least a first part of said rotor (3) is situated in said housing (6 6a 6b) and said shaft (5) extends in only one direction from said first part through and out of said housing (6 6a 6b). The present invention also concerns a method of increasing the efficiency in the reactor (1) and the use of the reactor (1).

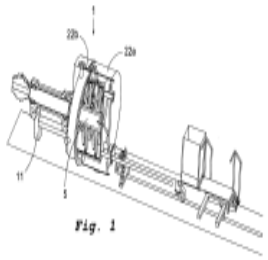

Fig. 1

No. of Pages : 20 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.601/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : REACTOR METHOD OF DECREASING THE AMOUNT OF SOLID PARTICLES IN A GAS STREAM FROM A REACTOR AND USE OF THE REACTOR

(51) International classification :B01J19/18,B02C13/04,B09B3/00
(31) Priority Document No :12514931
(32) Priority Date :21/12/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051543
Filing Date :17/12/2013
(87) International Publication No :WO 2014/098747
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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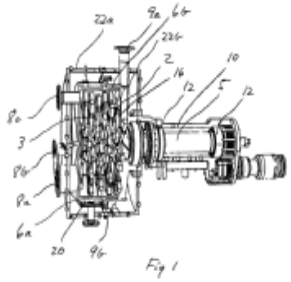
1)OLSSON Anders

(57) Abstract :
The present invention concerns a reactor (1) for the separation of material included in composite raw material and comprising at least one reaction chamber (2) and at least one rotor (3) said reaction chamber (2) comprising at least one housing (6 6a 6b) which is sealed in relation to the surroundings and has at least one inlet opening (8a 8b 8c) and at least one outlet opening (9a 9b) and said rotor (3) comprising at least one shaft (5) and at least a first part of said rotor (3) being situated in said housing (6 6a 6b) and said shaft (5) extending from said first part through and out of said housing (6 6a 6b) said first part of said rotor (3) comprising at least one hammer (4). There is present at least one fan blade (29) positioned directly or indirectly on said shaft (5) and situated near an outlet opening (9a) for gas of said at least one outlet opening (9a 9b) in said reaction chamber (2) said outlet opening (9a) for gas being situated near at least one shaft seal (24) positioned directly or indirectly on said shaft (5) between said reaction chamber (2) and the surroundings said fan blade (29) being situated between said shaft seal (24) and the central part of the reactor (1) said fan blade (29) being situated in an inlet (30) which is especially designed for the purpose and located in said reaction chamber (2) into said outlet opening (9a) for gas said shaft (5) extending in only one direction from said first part through and out of said housing (6 6a 6b) and said fan blade (29) being situated at an axial distance from said hammer (4) on said first part of said rotor (3). The present invention also concerns a method of decreasing the amount of solid particles accompanying a gas stream from a reactor (1) and use of the reactor (1).



No. of Pages : 21 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3228/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : Attributes detection for allocation of resources with stress detection from speech

(51) International classification :G10L15/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)Mr. Amit Kumar Mishra

(57) Abstract :
ABSTRACT The message in human-human communication Speech is the most important mode of conveying. It moreover contains paralinguistic information like speaker, stress, acoustic environment, person™s intention, language, accent and dialect. Along with these, stress is more complex since it colors the message such that the meaning of message becomes more sophisticated. Speech is recorded & sampled at 32 Khz of frequency. Recording can be done in either any studio or by using PMIC/CTC microphone or by implementing series of algorithms. As Human have god gifted ears through which they can easily hear & predict the Stresses, So the Efficiency of Human Method is always 99 % whereas in Automatic Method , Software will analyse the stress & will predict the stress. Various methods for analysis of stress in human speech is known as SSA(Speech Stress Analysis). In this Project for Automatic Stress Recognition, Series of Algorithms has been used i.e for Noise reduction - Hanning Window Technique is used, for Sampling & conversion from one domain to another - FFT Algorithm is used & for feature extraction MFCC (Mel frequency Cepstral coefficient) is used & an Efficiency of approx. 86% is achieved. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the block diagram and Figure 2 of sheet 2 showing the flow chart of working of the invention.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3229/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : Hand Gesture Controlled Robotic Arm using Low Power Micro-Controller

(51) International classification :F41H11/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)Prof.G.M.Phade
2)Ankush Pawar
3)Arun Kapadnis
4)Amol Dhatrak

(57) Abstract :
ABSTRACT Patients who are permanently on bed are totally dependent on others for their day to day needs, even for taking their regular medical dose they need help from others. For such peoples we are providing a robotic arm with a gadget that will help them for doing their daily activity. The robotic arm will trace the motion of human hand and accordingly act upon for this particular. Person has wear gadget which will consist of flex sensor, accelerometer, microcontroller, zigbee modules etc. In our gadget we are developing flex sensor. Micro-controller we are using is MSP-430 which is low power and not used yet for such application and also provides a mobile platform for the robotic arm. Further robotic arm consist of flex sensors, various microcontrollers (AVR, PIC, ARM processors, 8051 etc.) accelerometer & also the wireless modules. Not only it is use for medical purpose but it also use for industrial purpose such as automobile industry also it will be useful where safety of the workers is main issue i.e. by doing critical work which harms the human life. Following invention is described in detail with the help of Figure 3 of sheet 2 showing overview of motors position and Figure 6 of sheet 3 showing the sequence diagram of the gesture controlled robotic arm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.610/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NUMERICAL CONTROL DEVICE

(51) International classification :G05B19/4093
(31) Priority Document No :PCT/JP2012/072501
(32) Priority Date :04/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/081415
Filing Date :04/12/2012
(87) International Publication No :WO 2014/038101
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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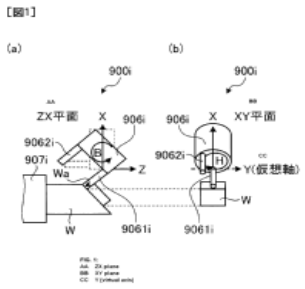
2)SAGASAKI Masakazu

(57) Abstract :
A numerical control device has an X axis along which a turret (906i) to which a plurality of tools (9061i 9062i) are mounted is moved a Z axis along which a workpiece (W) is moved and a B axis which is a center line perpendicular to the X axis and the Z axis and about which the turret is rotated and also has at least one of an H axis which is a center line perpendicular to the center line of the rotation about the B axis and about which the turret is rotated and a C axis which is a center line parallel to the Z axis and about which the workpiece is rotated. The numerical control device includes a means for performing virtual Y slanted plane machining. During a virtual Y axis slanted plane machining mode in which the tools are moved along the X Y and Z axes relative to the workpiece on the basis of an X Y Z axis movement instruction in a machining program the means for performing virtual Y slanted plane machining slants the tools such that the center axis is perpendicular to a slanted plane slanted from the X axis and the Z axis and moves the tools relative to the slanted plane along the Y axis.



No. of Pages : 85 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3230/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : Wireless Personal Safety Bracelet

(51) International classification :G06F17/30, H04B5/00, H04L29/08, G01S1
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)Prof. A.K.Mishra
2)Pooja Ravindra Deore
3)Apurva Anand Deshmukh
4)Deepali Anil Gaike
5)Pooja Sudhakar Nikam

(57) Abstract :
ABSTRACT An accident could stop a business in seconds. So, prevent it from happening, and always turn on safety awareness button before you start. This bracelet bundles Real-Time System (RTS) technologies to deliver precise real time data so that a host RTS safety application or an integrated physical security platform can track the where about of the individual anywhere within the facility. The bracelet features a press button designed especially for every person within organization, healthcare patients in hospitals, senior citizens in society, and prisoners in jail. Pressing the button causes the tag to transmit positioning data that identifies the person requiring assistance and the precise building location of the involving medical or safety incident for speedier and more effective response efforts. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the block diagram of wireless personal safety bracelet.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2014

(21) Application No.3231/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VALVE TRAIN SYSTEM WITH A SPHERICAL ROLLING CONTACT FOR ACTUATION OF VALVE HEAD

(51) International classification :F01L1/053, F01L1/14, F01L1/26
(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)DURAIARASAN SARAVANAN
2)RAGHUPATHY GOVINDARAJAN
3)PARALE NILESH GANPATRAO

(57) Abstract :
The present disclosure discloses a valve train system for opening and closing a valve of an internal combustion engine of a vehicle. The system includes a pivotal arm and a valve stem. The system also includes a spherical roller which rotates freely about an axes in a three-dimensional plane, interfaced between the pivotal arm and the valve stem to provide point contact during the opening and closing of a valve associated with the valve stem. Fig.1

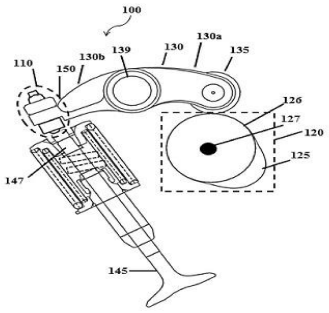

FIGURE 1

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2014

(21) Application No.3232/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR RAPID PREPARATION OF CONDUCTING POLYANILINE NANO FLY ASH COMPOSITE

(51) International classification :C08G75/00, B05D3/02
(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)Prof. Dr. S. Radhakrishnan
(72)**Name of Inventor :**
1)Prof.Dr. S. Radhakrishnan
2)Dr. Malhari Kulkarni

(57) Abstract :
Disclosed is a process (100) for rapid preparation of conducting polyaniline nano fly ash composite. The process (100) is environmental friendly, less corrosive and less time consuming. The process (100) obtains the conducting polymer as well as fly ash in situ in a single step as nano-particles which are capable of being easily dispersed in other plastics, coating formulations and directly used for composites. The process (100) uses a non-acidic / non-corrosive medium for rapid and direct in situ production of nano-size fly ash composite of conducting polyaniline with improved property. Figure 1

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.3234/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF 1-TERT-BUTYL-3-(2,6-DI-ISOPROPYL-4-PHENOXYPHENYL) THIOUREA

(51) International classification :C07C335/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)SHAH, Kenal V.
2)GUJRAL, Ajit Singh
3)Dr. JANI Nilesh N.
4)SHINDE Ravindra Y.

(57) Abstract :
ABSTRACT: The present invention relates to a novel process for preparation of 1-tert-butyl-3-(2,6-di-isopropyl-4-phenoxyphenyl)thiourea of formula I comprising: reaction of tert-butyl isothiocyanate of formula (III) with 4-phenoxy-2, 6-di(propan-2-yl) aniline of formula (IV).

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2015

(21) Application No.614/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SELECTED ACKNOWLEDGMENT POSITIONING OPTIMIZATIONS

(51) International classification	:H04W4/02,H04W80/08,H04L29/08
(31) Priority Document No	:61/706,671
(32) Priority Date	:27/09/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/056653 :26/08/2013
(87) International Publication No	:WO 2014/051910
(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)BLUMSTEIN, Ronald, B.
2)JIANG, Yongjin
3)BURROUGHS, Kirk, Allan

(57) Abstract :
A location server such as a Serving Mobile Location Center (SMLC) or E SMLC and mobile terminal selectively implement the reliable transport mechanism used in e.g. LPP or LPPe protocols thereby decreasing unnecessary delays. The reliable transport mechanism may be selectively implemented by not requiring an acknowledgement for specific messages such as an unsolicited assistance data message. When assistance data is solicited however the responsive assistance data message includes an acknowledgement request as per the reliable transport mechanism.

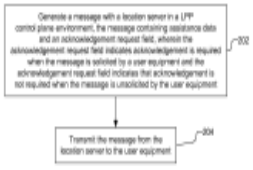

Fig. 6

No. of Pages : 38 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.3205/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : Mechanism for Zero/Minimum Turning Radius of Vehicle

(51) International classification :F01L 1/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)Sunny Rajendra Pawar
(72)**Name of Inventor :**
1)Sumair Sunny
2)Sunny Rajendra Pawar

(57) Abstract :
Disclosed is a mechanism (200) for minimum turning radius of a vehicle. The mechanism (200) comprises a steering circuit, a zero turn circuit, a hydrostatic transmission unit, a pump (150), a reservoir (160) and a suction strainer (170). The hydrostatic transmission unit gives symmetrical performance in forward as well as reverse directions. The mechanism (200) allows easy troubleshooting due to less number of components involved. Figure 1

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.3206/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : Worm Differential Gearbox

(51) International classification :C07D471/04, A61K31/448
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)Sumair Sunny
2)Sunny Rajendra Pawar

(57) Abstract :
Disclosed is a worm differential gearbox mechanism (100) for a vehicle. The worm differential gearbox mechanism (100) is enclosed in an outer casing (150). The worm differential gearbox mechanism (100) comprises a worm (20), a worm wheel (40), a first miter gear (60A), a second miter gear (60B), a third miter gear (80A) and a fourth miter gear (80B). The worm differential gearbox mechanism (100) is a compact design that offers greater reductions whilst still maintaining technical feasibility with respect to size.
Figure 2

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.3208/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : JAGGERY CUBES

(51) International classification :B62H5/20, B62H5/13
(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. PRABODH HALDE
2)MR. KAUSHAL DONGRE
3)MR. SUMEDH PAWAR

(57) Abstract :
Considering the rich mineral and vitamin content of jaggery ,there is a definite need for stable smaller sized units of jaggery for every day use by the domestic consumers -as an excellent nutritional supplement. However it is difficult to make smaller sized cubes of jaggery suitable for this purpose by the conventional heating and cooing techniques. By designing a special mould which will enable smaller jiggery cubes and taking care of the melting and maintaining temperatures and specifically maintaining a specific temperature while pouring to the moulds ,this invention has succeeded in achieving the smaller jiggery cubes.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.3209/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AMORPHOUS FORM OF LOMITAPIDE MESYLATE

(51) International classification	:A61K 31/445	(71)**Name of Applicant :** **1)GLENMARK PHARMACEUTICALS LTD** Address of Applicant :GLENMARK HOUSE, HDO - CORPORATE BLDG, WING-A, B.D.SAWANT MARG, CHAKALA, ANDHERI (EAST), MUMBAI - 400 099 INDIA Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)SHEKHAR BHASKAR BHIRUD**
(61) Patent of Addition to Application Number	:NA	**2)SAMIR NAIK**
Filing Date	:NA	**3)SUSHANTA MISHRA**
(62) Divisional to Application Number	:NA	**4)VIPIN PANDEY**
Filing Date	:NA	**5)DEEPAK S PATEKAR**

(57) Abstract :
The present invention relates to novel amorphous form of lomitapide mesylate salt and process for preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2015
(21) Application No.612/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DETECTION OF PLANAR TARGETS UNDER STEEP ANGLES

(51) International classification :G06K9/46
(31) Priority Document No :61/714,115
(32) Priority Date :15/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060361
Filing Date :18/09/2013
(87) International Publication No :WO 2014/062336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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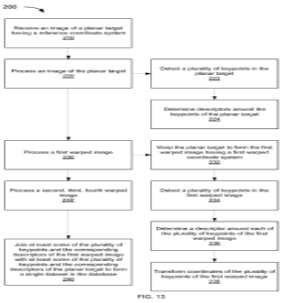
2)GRZECHNIK, Slawomir K.
3)PAN, Qi

(57) Abstract :
Systems apparatus and methods to create a database by a device (such as a server) and to use the database by a mobile device for detecting a planar target are presented. The database allows recognition of a planar target by a mobile device from steeper angles with minimum impact on runtime. The database is created from at least one warped view of the planar target. For example a database may contain keypoints and descriptors from a non warped view and also from one or more warped views. The database may be pruned by removing keypoints and corresponding descriptors of one image (e.g. a warped image) overlapping with similar or identical keypoints and descriptors of another image (e.g. a non warped image).



No. of Pages : 41 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2015
(21) Application No.613/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : GYROSCOPE CONDITIONING AND GYRO CAMERA ALIGNMENT

(51) International classification :G01C25/00,G06T7/00,G06T7/20
(31) Priority Document No :13/651055
(32) Priority Date :12/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059797
Filing Date :13/09/2013
(87) International Publication No :WO 2014/058565
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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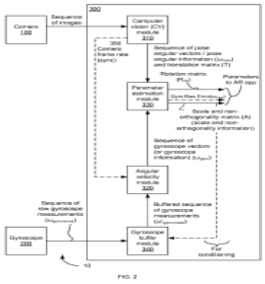
3)CHARI, Murali R.
4)DIAZ SPINDOLA, Serafin

(57) Abstract :
An apparatus and method for generating parameters for an application such as an augmented reality application (AR app) using camera pose and gyroscope rotation is disclosed. The parameters are estimated based on pose from images and rotation from a gyroscope (e.g. using least squares estimation with QR factorization or a Kalman filter). The parameters indicate rotation scale and/or non orthogonality parameters and optionally gyroscope bias errors. In addition the scale and non orthogonality parameters may be used for conditioning raw gyroscope measurements to compensate for scale and non orthogonality.



No. of Pages : 39 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.3210/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PREDICTING EXPECTED TIME OF ARRIVAL (ETA)

(51) International classification :F02D41/40,F02D41/02,F02D41/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)MAITI, Santa
2)PAL, Arpan
3)PAL, Arindam
4)CHATTOPADHYAY, Tanushyam
5)MUKHERJEE, Arijit

(57) Abstract :
System and method for predicting time of arrival of a vehicle at a location is disclosed. The historical data comprising of latitude-longitude coordinates of a vehicle may be recorded using a Global Positioning System (GPS). Based on the historical data first median speed between location and a previous location and second median speed indicating speed of the vehicle during a pre-defined time interval may be determined. Further, time and location coefficient may be calculated where the coefficients represents a linear relationship between time, location and speed. Subsequently, time of arrival of a vehicle at a location is predicted based upon the time of arrival of the vehicle at the previous location, distance between the location and the previous location and predicted velocity of the vehicle between the location and the previous location on the particular day.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.3211/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN APPARATUS FOR HEART BLOCKAGE DIAGNOSIS

(51) International classification :A61K8/31,A61K8/34,A61K8/38
(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)KUTHE SHAILESH DEORAM
4)LONKAR MANOJ GENABA
5)KULKARNI SOURABH SHEKHAR

(57) Abstract :
The present disclosure envisages an apparatus for diagnosing cardiac related abnormalities in a patient. The apparatus comprises a repository that stores discrete pulse waveforms with identified features and threshold values related to a patient suffering from at least one cardiac related abnormality including a cardiac artery blockage. A plurality of sensors are placed on the radial artery of the patient to sense pulses of the patient, and generate corresponding pulse signals. These pulse signals are conditioned and converted into digital signals. The digital signals are then analyzed to detect a plurality of features and their values which are then compared with the features and threshold values stored in the repository to diagnose and determine at least one cardiac related abnormality. Fig.2

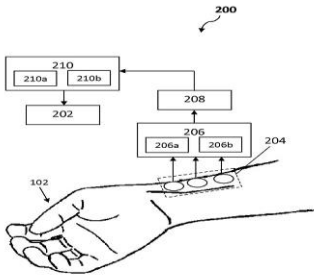

FIGURE 2

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.3213/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PRESENTING, SHARING OF INFORMATION AND SOCIAL EDUCATION SYSTEM

(51) International classification :B64D45/00, G01S3/80, G08B15/12
(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)GANORKAR ASHWIN BHIMRAO

(57) Abstract :
In today's world, materials are available on web for gating knowledge. Many people share their material for earning money. There are some good materials on web. But they are scattered. Furthermore, many paid online education system are available that includes distance learning, e-learning, online examinations etc. But users cannot design their own system. Even every user cannot afford to buy such study material, online education. Education is one of the essential elements of human life. The purpose of this method and system is to use spread or provide education or knowledge to every human by means of social media. This is a system and method provided for searching, storing, sharing, presenting, publishing, and taking backup of information in different formats such as multimedia, images, scripts, text and the like. Information may be shared, edited and discussed by different user. This system includes different ways to share or improve knowledge of user by means of blogging, massaging, question answer forum, file sharing, examination, report/assignment submission, online live projects creation, etc. This system includes the features like creating tutorials, notes, courses, training program, examination and the like to provide the education and to spread the knowledge. This system also includes the methods for presenting or displaying the content or material or information on the web. This system also includes different ways to share the information or data. This system can be attached with job portal to provide the employment. The revenue can be generated by means of different medium such as advertisement on web page or application or donations for material or sale of material. The revenue may be shared to the users and service provider depending upon contract or agreement. This method generates and displays the impotent and useful information in the website such that user will get desired information in the first site or first look or first instance. To improve the communication between users and sharing information or knowledge, this system and method includes the features like taking backup online as well as offline, storing the data according to groups as well as in the form of conversation, publishing the data on the web, accessing the account from the web. The system provides the feature to store data in different categories or groups (folder). It is just like separating data into number of folders. User can create custom categories or groups according to need. The user can change the setting to store the message in folder or in conversation or in both conversation and folder. For example messages can be classified into different groups like jokes, social, personal and the like. To promote application, system provides the facility to send a joining request through SMS, emails, messages through other chatting application and the like. This system also provides the facility for sharing the application through the technologies like Bluetooth, Wi-Fi, etc. Many times, user wants to share the information among the group. But He/she or group members may not Internet connection. In such case, system provides the facility to user to form a local network using technologies like wifi, blue-tooth to communicate with each other. In this case a device (e.g. mobile, tablet, notebook or computer) will serve the function of modem. Modem is used to connect network nodes via wire, digital network traffic, or for wireless. The network system may work as LAN so that they can share the information in the group in the absence of Internet connection or network.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2015

(21) Application No.615/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN APPARATUS FOR PACKAGING DOSED QUANTITIES OF SOLID DRUG PORTIONS

(51) International classification :A61J7/00,B65B5/10,B65B39/00
(31) Priority Document No :12182632.5
(32) Priority Date :31/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067523
Filing Date :23/08/2013
(87) International Publication No :WO 2014/033059
(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)LOKKERS, Eddy R.
2)VAN DE KOOT, John

(57) Abstract :
The invention relates to a commissioning apparatus for pharmacies or hospitals with an an enhanced serviceability. The apparatus comprises a plurality of dosing stations (2) each dosing station having an output opening for dispensing solid drug portions and collecting means (17) for collecting dosed quantities of solid drug portions dispensed by the dosing stations (2) and for forwarding the dosed quantities of solid drug portions to a packaging means (3) wherein a plurality of fall ducts (7) is arranged for guiding the solid drug portions from the output openings to the collecting means (17) each fall duct (7) having an outlet and a number of inlet openings the output openings of the dosing stations (2) being aligned with the inlet openings of the fall ducts (7) when a fall duct (7) is positioned adjacent to a column (V) of dosing stations (2). Each fall duct (7) consists of at least a first part (7a) and a second part (7b) forming the fall duct when the parts are assembled the parts (7a 7b) being detachably connected together so that the parts can be detached for maintenance and cleaning purposes.

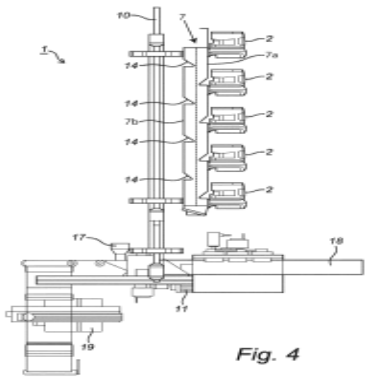

Fig. 4

No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2015

(21) Application No.616/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : APPARATUS FOR PACKAGING DOSED QUANTITIES OF SOLID DRUG PORTIONS COMPRISING MOVING COLLECTING CONTAINERS AND AN ANCILLARY DOSING STATION

(51) International classification :B65B5/10,A61J7/00
(31) Priority Document No :12182636.6
(32) Priority Date :31/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067146
Filing Date :16/08/2013
(87) International Publication No :WO 2014/032993
(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)VAN DE KOOT, John
2)LOKKERS, Eddy R.

(57) Abstract :
Apparatus for packaging dosed quantities of solid drug portions comprising moving collecting containers and an ancillary dosing station An apparatus for packaging dosed quantities of solid drug portions comprises a plurality of storage containers each storing a plurality of drug portions and having a dosing means for dispensing first dosed quantities of drug portions a plurality of moving collecting containers for collecting drug portions and for outputting the collected drug portions to a packaging station and guiding means for guiding the drug portions dispensed by the dosing means to the collecting containers. The apparatus comprises an ancillary dosing station (5) for delivering second dosed quantities of drug portions to the collecting containers and transport means for moving the collecting containers between at least one first location at which the collecting containers receive the drug portions from the guiding means at least one second location at which the collecting containers receive the drug portions from the ancillary dosing station (5) and at least one third location at which the collecting containers output the collected drug portions to the packaging station the collecting containers being moved along a predetermined path.

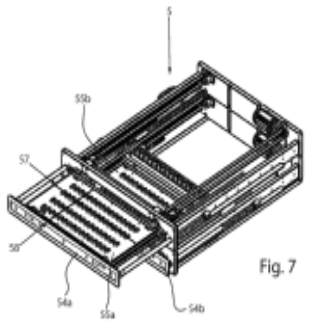

Fig. 7

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.580/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MANUFACTURING METHOD OF COMMON GRAIN ORIENTED SILICON STEEL WITH HIGH MAGNETIC INDUCTION

(51) International classification :C21D8/12,C22C38/04,H01F1/16
(31) Priority Document No :201210365931.2
(32) Priority Date :27/09/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/001682
Filing Date :11/12/2012
(87) International Publication No :WO 2014/047757
(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)SHEN, KANYI
2)LI, GUOBAO
3)CHU, SHUANGJIE
4)SUN, YEZHONG
5)ZHANG, HUABING
6)YANG, YONGJIE
7)HU, ZHUOCHAO
8)ZHAO, Bin
9)XU, Qi
10)HUANG, Jie
11)ZHANG, Peili

(57) Abstract :
DDA manufacturing method of oriented silicon steel with a magnetic induction of B8 = 1.88T comprises the following steps: 1) obtaining a slab after smelting and casting the content of N being controlled at 0.002 0.014 wt% in the smelting stage; 2) hot rolling; 3) cold rolling; 4) decarburization annealing; 5) nitriding treatment: the controlled content of infiltrated nitrogen [N] satisfying: 328 0.14a 0.85b 2.33c = [N] = 362 0.16a 0.94b 2.57c wherein a is the content of Als in the smelting step ppm; b is the content of N element ppm; c is the initial grain size μm; 6) coating a surface with a magnesium oxide coating and carrying out annealing; and 7) coating an insulating coating.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015
(21) Application No.581/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COOLING METHOD AND COOLING DEVICE FOR AL ALLOY MANUFACTURED CASTING

(51) International classification :B22D30/00,B22D21/04
(31) Priority Document No :2012-203930
(32) Priority Date :18/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001708
Filing Date :14/03/2013
(87) International Publication No :WO 2014/045475
(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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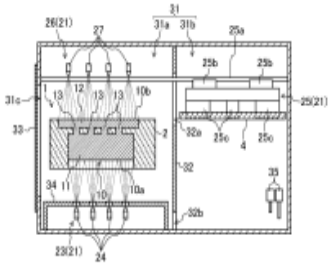
1)KUBOTA, TOMOHIDE
2)YAMAMOTO, NAOAKI
3)HASHIMOTO, SHUICHI
4)MISAWA, YASUYUKI

(57) Abstract :
A cooling method comprises: a product side showering step of showering a mist of liquid for cooling on a first face of an Al alloy manufactured casting (10) which comprises a product (11) and a riser (12) (the first face being a face on the opposite side of the product (11) to the riser (12) side thereof); and a riser side showering step of showering a mist of liquid for cooling on a second face of the Al alloy manufactured casting (10) (the second face being a face on the opposite side of the of the riser (12) to the product (11) side thereof). The riser side showering step starts showering the second face of the Al alloy manufactured casting (10) after the product side showering step starts and before the same ends and together with the product side showering step is a step of quench cooling the Al alloy manufactured casting (10).



No. of Pages : 55 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.2235/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SELF-HYDRO POWERED ELECTRIC PUMP HYBRIDIZED WITH SOLAR POWER AND PIEZO-ELECTRIC POWER

(51) International classification :B64D45/00, G01S3/80, G08B15/11
(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)RAJENDRA VITTHAL SURYAWANSHI

(57) Abstract :
The concept of hybrid model of pressurized water turbine, solar pv system and Piezo-electric, generates electrical power more efficiently. The thrust from water flow would produce the torque on the turbine also produce impact on Piezo-electric disc embedded at turbine blades. The turbine is connected to an electrical generator The electricity is generated from both these sources is converted in to DC and DC power from solar pv system, at day time as well is stored in to the battery. The proposed hybridized model is partially self generating at day and night time overcomes the problem of intermittent solar pv power, big solar panels, generates negligible transmission losses and is environmentally friendly.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015
(21) Application No.605/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITIONS COMPRISING CYCLIC PURINE DINUCLEOTIDES HAVING DEFINED STEREOCHEMISTRIES AND METHODS FOR THEIR PREPARATION AND USE

(51) International classification :C07H21/00,A61P37/02,A61P37/04
(31) Priority Document No :61/737006
(32) Priority Date :13/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/075189
Filing Date :13/12/2013
(87) International Publication No :WO 2014/093936
(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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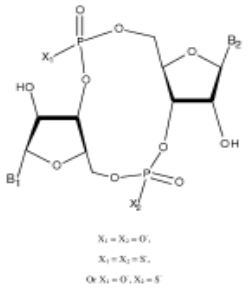
1)DUBENSKY, Jr.,Thomas,W.
2)KANNE, David, B.
3)LEONG, Meredith, Lai Ling
4)LEMMENS, Edward, Emile
5)GLICKMAN, Laura, Hix

(57) Abstract :
It is an object of the present invention to provide novel and highly active cyclic di nucleotide (CDN) immune stimulators that activates DCs via a recently discovered cytoplasmic receptor known as STING (Stimulator of Interferon Genes). In particular the CDNs of the present invention are provided in the form of a composition comprising one or more cyclic purine dinucleotides that induce STING dependent TBK1 activation wherein the cyclic purine dinuclotides present in the composition are substantially pure Rp Rp or Rp Sp stereoisomers and particularly substantially pure Rp Rp or RpSp CDN thiophosphate diastereomers.

FIG. 1



No. of Pages : 101 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.606/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FACULTATIVELY ATTENUATED BACTERIAL SPECIES AND METHODS OF PREPARATION AND USE THEREOF

(51) International classification :A61K35/74
(31) Priority Document No :61/723234
(32) Priority Date :06/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/068800
Filing Date :06/11/2013
(87) International Publication No :WO 2014/074635
(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)HANSON,William, G
2)SKOBLE, Justin
3)LAUER, PETER, M.

(57) Abstract :
The present invention provides facultatively attenuated bacterial species and methods of preparation and use thereof. The term facultatively attenuated as used herein refers to a bacterium which comprises a set of defined recombinant modifications which have substantially no effect on the ability of the bacterium to grow by multiplication when the bacterium is outside of its host organism but which result in deletion of one or more genes essential for multiplication of the bacterium when the bacterium is introduced into its host organism for example within host cells of a vaccinate recipient. These recombinant modifications take advantage of regulatory sequences which preferentially induce expression of genes within the mammalian host.

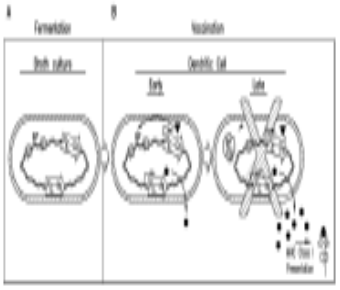

FIG.1

No. of Pages : 102 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015
(21) Application No.603/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INDOOR RADIO RANGING BASED ON A SUBSET OF SUBCARRIERS EMPLOYED BY OFDM

(51) International classification :H04W64/00
(31) Priority Document No :13/656398
(32) Priority Date :19/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064850
Filing Date :14/10/2013
(87) International Publication No :WO 2014/062575
(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)ENGE, Per
2)GARIN, Lionel Jacques

(57) Abstract :
Systems apparatus and methods for determining a set of ranges from selected subcarriers of an OFDM signal sent between a receiver (e.g. first transceiver or a local receiver of a local unit at a first location) and a transmitter (e.g. second transceiver or remote transmitter of a remote unit at a second location) are presented. The set of ranges is ambiguous as to the correct range. Each range in this set of ambiguous ranges represents a possible range between the transmitter and the receiver. Range ambiguities may be resolved by using additional subcarriers from the OFDM signal and/or using a last know position of a receiver and/or finding ranges to two three or more transmitters. The range may be used with other ranges to find a location estimate of the receiver.

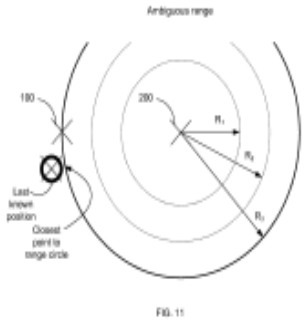

FIG. 11

No. of Pages : 49 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.604/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : POLYMERISATION PROCESS AND CATALYST

(51) International classification :C08F10/00,C08F4/6592
(31) Priority Document No :12189125.3
(32) Priority Date :18/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/071767
Filing Date :17/10/2013
(87) International Publication No :WO 2014/060540
(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)KALLIO, Kalle
2)MUSTONEN, Marja
3)HUHTANEN, Lauri
4)SEVERN, John
5)CASTRO, Pascal
6)VIRKKUNEN, Ville
7)HONGELL, Anu-Leena
8)LEHTINIEMI, Ismo

(57) Abstract :
A process for the polymerisation of at least one olefin comprising reacting said at least one olefin with a catalyst comprising: (i) a metallocene complex said metallocene comprising at least two cyclopentadienyl type ligands; (ii) a boron cocatalyst; and (iii) an aluminoxane cocatalyst; said catalyst being in solid form preferably in solid particulate form and being free from an external carrier.

No. of Pages : 79 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2015
(21) Application No.925/MUM/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD OF CORRECTING INCIDENT LIGHT FLUCTUATIONS IN LASER WAVELENGTH MODULATION SPECTROSCOPY

(51) International classification :G01N21/39
(31) Priority Document No :1405247.6
(32) Priority Date :24/03/2014
(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

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1)KOVACICH, Richard P.
2)ALIZADEH, Bahram
3)GASKIN, Ian C.
4)HOBBY, James D.
5)LOPEZ, Martin

(57) Abstract :
A method and system for correcting the effect of intensity fluctuations of the transmitted light in an absorption spectroscopy system used for the detection or measurement of chemical species in a medium, whereby one or more modulation bursts are imposed onto a light beam that passes through the medium. This burst signal may be obtained by modulating the bias current of a tunable diode laser, and the modulation burst signal may be optimally at the second harmonic of the modulation frequency of a wavelength modulated beam to allow usage of the same signal path processing used for the spectroscopic detection of the measurand for a second harmonic detection system. The burst signal can be controlled using a smooth window function to minimise the effects of non-linear perturbations that are inherent in tunable diode laser wavelength modulation spectroscopy systems, of optical interference fringes (etalons) and of the residual light absorption by background chemical species or the measurand at the wavelength coinciding with the modulation burst.

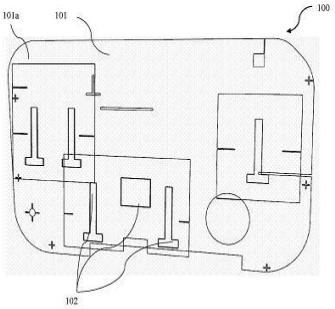

FIG.1

No. of Pages : 59 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015
(21) Application No.611/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CLEANING TWIN ROLLER THIN BAND CONTINUOUS CASTING ROLLER FACE

(51) International classification :B22D11/06,B22D43/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/001313
Filing Date :27/09/2012
(87) International Publication No :WO 2014/047746
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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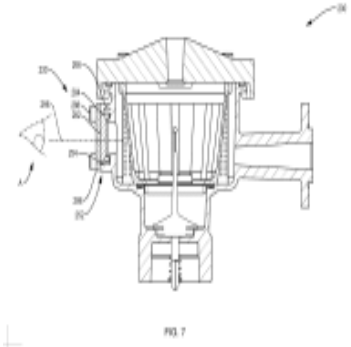
2)FANG, Yuan
3)YE, Changhong
4)WANG, chengquan
5)ZHANG, Junbao

(57) Abstract :
Disclosed is a method for cleaning a twin roller thin band continuous casting roller face each casting roller (10 10) using two brush rollers (1 1 2 2) arranged at the top and bottom for cleaning the surface thereof wherein the rotational direction of at least one brush roller is the same as the casting roller the linear speed of the casting roller is constant and greater than the rotational speed of the casting roller and a roller face cleaning apparatus controls the distance or the pressure between the brush rollers and the casting roller by means of a hydraulic cylinder fixed on a casting roller bearing seat and controls the flattening amount to between 1 10 times the average pit depth of the casting roller face after texturing. Further disclosed is an apparatus for cleaning a twin roller thin band continuous casting roller face comprising two upper and lower brush rollers (1 1 ; 2 2) arranged at the outside of each casting roller (10 10) wherein bearing seats (3 3 ; 4 4) supporting the brush rollers are connected to bearing seats (30 30) of the casting rollers via a position control apparatus and one end of the brush rollers is connected to a speed reducing unit and an electrical motor (7 7 ; 8 8). Using this cleaning apparatus to clean a casting roller surface can improve cleaning efficiency making the coefficient of thermal conductivity of the roller face more uniform and increasing cast belt quality.



No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2014

(21) Application No.3222/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : USE OF HOMEOPATHIC DRUGS IN THE MANAGEMENT OF SOME DISEASES WHICH ARE INTRACTABLE TO ALLOPATHIC MEDICAL TREATMENT

(51) International classification :A61P9/00, A61K45/00, C12Q1/68, A61P17
(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)DR. JAYANT SOMAN

(57) Abstract :
Disclosed is a method of Homeopathic treatment of Ischemic heart disease. The method comprises separating bad cholesterol from cholesterol as a whole after collecting blood from patients with ischemic heart disease. Further, the method comprises dissolving 1 gm of bad cholesterol in 9 parts of alcohol, to obtain potency of 1/10 as a mother solution. Furthermore, the method comprises preparing further by taking ten minims of the mother solution and adding 90 minims of dispensing alcohol and giving 10 usual strokes to form a 1st potency, wherein subsequent potencies are prepared by taking one minim of further potency and 99 minims of dispensing alcohol.

No. of Pages : 9 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.3200/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : Green Cistern Toilet Flushing Apparatus

(51) International classification :F02D41/40,F02D41/02,F02D41/03
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(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)Ingole Vijay Tulshiram
Address of Applicant :104 Ganediwal layout, camp, Amravati-444602 Maharashtra India
2)Ingole Indira Vijay
3)IngoleAshutosh Vijay
4)IngoleParitosh Vijay
(72)**Name of Inventor :**
1)Ingole Vijay Tulshiram
2)Ingole Indira Vijay
3)IngoleAshutosh Vijay
4)IngoleParitosh Vijay

(57) Abstract :
The primary object of present invention is to replace conventional cistern comprising float valve having low head and using substantial quantity of water for flushing and being energy deficient by a novel cistern which is energy efficient, saves water means uses low water quantity, faster filling means low waiting period, noiseless, low in maintenance and cost effective as it utilizes the entire pressure of the water available in the public supply or overhead water tank and when the flush valve is operated the pressurized water empties instantly in the toilet bowl or urinal with high velocity thereby cleaning the same. Following invention is described in detail with the help of Sheet 1 in Figure-1,2,3,4, Sheet 2 in Figure-5, 6 and sheet 3 in Figure-7 showing various views of the apparatus.

No. of Pages : 17 No. of Claims : 8

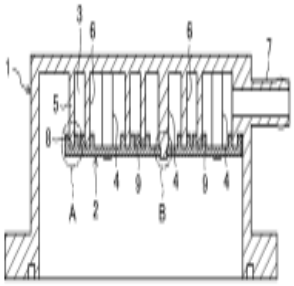
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.592/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BREATHER STRUCTURE FOR ENGINE

(51) International classification :F01M13/04,F02F7/00
(31) Priority Document No :2012193317
(32) Priority Date :03/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/004950
Filing Date :21/08/2013
(87) International Publication No :WO 2014/034050
(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)BANDO CHEMICAL INDUSTRIES LTD.
Address of Applicant :6 6 Minatojima Minamimachi 4 chome Chuo ku Kobe shi Hyogo 6500047 Japan
(72)**Name of Inventor :**
1)SHIRAKI, HAYATO

(57) Abstract :
A support (4) which supports a breather plate (2) in such a manner that the breather plate (2) is suspended from the ceiling wall of a cylinder head cover (1) and a body wall (5) which forms the outer wall of a breather chamber (3) protrude downward. The lower end of the body wall (5) is fitted into a groove (8) which is formed in the breather plate (2) and in which oil separated from blow by gas accumulates.



No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

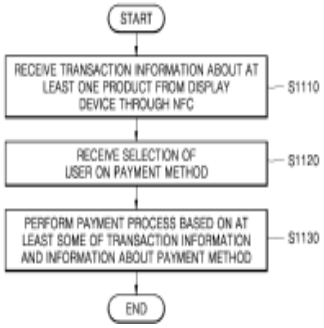
(21) Application No.593/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INFORMATION PROVIDING METHOD MOBILE TERMINAL AND DISPLAY DEVICE FOR THE SAME

(51) International classification	:G06Q20/24,G06Q20/10,G06Q20/06
(31) Priority Document No	:10-2012-0093250
(32) Priority Date	:24/08/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/007572 :23/08/2013
(87) International Publication No	:WO 2014/030959
(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)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)YANG, Do-jun
2)PARK, Sun-eung
3)SEO, Jin-goo
4)JANG, Soo-in

(57) Abstract :
A method of acquiring and processing information on a mobile terminal is provided. The method includes: receiving at the mobile terminal information about at least one item displayed on an external display device from the external display device; and performing at the mobile terminal a function for the at least one item based on the received information.



No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.579/MUMNP/2015 A
(43) Publication Date : 15/04/2016

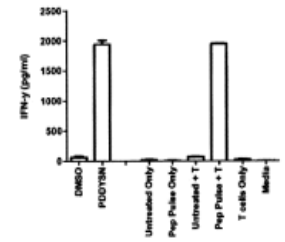
(54) Title of the invention : AGENTS AND METHODS

(51) International classification :A61K39/395,A61K47/00,C07K19/00
(31) Priority Document No :1216649.2
(32) Priority Date :18/09/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052427
Filing Date :17/09/2013
(87) International Publication No :WO 2014/045022
(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)THE UNIVERSITY OF BIRMINGHAM
Address of Applicant :Edgbaston Birmingham B15 2TT U.K.
(72)**Name of Inventor :**
1)COBBOLD, Mark
2)MILLAR David

(57) Abstract :
The invention provides an agent comprising: (i) a T cell antigen and (ii) a binding partner for any of CD22 CD23 CD30 CD74 CD70 CD43 CD44 CD47 CD54 CD58 CD62L CD95 HLA DR CD59 CD55 wherein following binding of the agent to a cell that expresses any of CD22 CD23 CD30 CD74 CD70 CD43 CD44 CD47 CD54 CD58 CD62L CD95 HLA DR CD59 CD55 the agent is internalised and the T cell antigen is presented on the surface of the cell in a form that can be recognised by a T cell.

Figure 2



No. of Pages : 59 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.3249/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : Silencer for Vehicle

(51) International classification :F02M35/12, F01N1/00, F02M35/14, F02M3
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT// /
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
:NA
Filing Date
(62) Divisional to Application Number :NA
:NA
Filing Date

(71)**Name of Applicant :**
1)Nakagawa Sangyo Co., Ltd.
Address of Applicant :37, Aza-Tsuchitori Inuyama-shi Aichi 484-0917 Japan Japan
(72)**Name of Inventor :**
1)Noriaki Nakagawa

(57) Abstract :
A silencer for a vehicle, which can reduce time and efforts for manufacturing and also can sufficiently reduce back pressure, is provided. A plurality of pairs of a tubular connecting part 21 having a relatively small diameter and a spherical expansion chamber 22 having a relatively large diameter are formed in a longitudinal direction of an exhaust pipe. An entire outer periphery of an exhaust pipe part 2, in which the spherical expansion chamber 22 and the tubular connecting part 21 are formed, is covered with a housing 1; a space between the exhaust pipe part 2 and the housing 1 is filled with glass wool 6; and a large number of through holes 23 are formed in the pipe wall of the exhaust pipe part 2.

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.589/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : APPARATUS AND METHOD FOR EXPLOITING FREQUENCY DIVERSITY FOR NEIGBORING CELL MEASUREMENTS

(51) International classification :H04W36/00
(31) Priority Document No :13/598899
(32) Priority Date :30/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/057706
Filing Date :30/08/2013
(87) International Publication No :WO 2014/036514
(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)QUALCOMM INCORPORATED
Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)BHATTACHARJEE, SUPRATIK
2)BANISTER, BRIAN C.

(57) Abstract :
Apparatus and method for wireless communication in a wireless communication network that includes receiving a signal from a network and measuring a minimum bandwidth of the received signal for a measurement region by shifting the measurement region of the signal based on a frequency offset and rotating the measurement region of the signal.

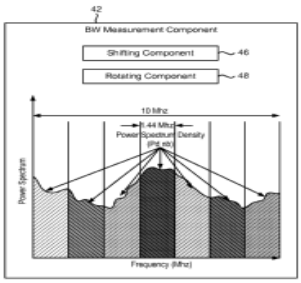


FIG. 2

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.891/MUM/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MOTOR DRIVE AND METHOD OF CONTROLLING A TEMPERATURE OF A MOTOR DRIVE

(51) International classification	:H02P23/00, H02P1/04, H02P6/00
(31) Priority Document No	:14/246,754
(32) Priority Date	:07/04/2014
(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 :**
1)Control Techniques Ltd
Address of Applicant :The Gro, Pool Road, Newtown SY16 3BE, United Kingdom U.K.
(72)**Name of Inventor :**
1)CHMIELEWSKI James

(57) Abstract :
There is provided a motor drive comprising: a temperature sensor arranged to sense a temperature of the drive; a braking resistor; switching means arranged when activated to cause current to flow to the braking resistor; and controlling means arranged to activate the switching means when the sensed temperature falls below a predetermined threshold. There is also provided a method of controlling a temperature of a motor drive comprising a braking resistor. The method comprising comprises: monitoring a temperature of the drive; and activating switching means to cause current to flow to the braking resistor when the monitored temperature falls below a predetermined threshold.

No. of Pages : 14 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2015

(21) Application No.884/MUM/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : EFFECTOR WITH EJECTABLE STEALTH SHELL

(51) International classification	:G01N33/50, G06F19/00, G01N33/48, C12Q
(31) Priority Document No	:102014004838.1
(32) Priority Date	:02/04/2014
(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

(71)**Name of Applicant :**
1)AIRBUS DEFENCE AND SPACE GMBH
Address of Applicant :WILLY-MESSERSCHMITT-STRASSE 1, 85521 OTTOBRUNN, GERMANY Germany
(72)**Name of Inventor :**
1)Kay W. Dittrich
2)Juan Perez-Sanchez

(57) Abstract :
The present invention relates to an effector (10) for an aircraft (100). The effector (10) has an effector body (12) and a stealth sheath (14) enclosing the effector body (12) at least in part. The stealth shell (14) is attached to the effector body (12) and embodied so as to be separated from the aircraft (100) and from the effector body (12) during flight of the aircraft (100) carrying the effector (10).

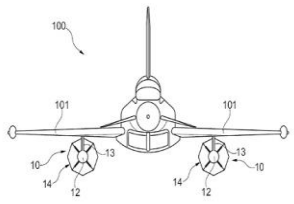


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.586/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PREPOLYMER IMPACT RESISTOR FOR CRACK RESISTANT ADHESIVES FOR WINDMILLS

(51) International classification	:C08G18/12,C08G18/66,C08G59/18
(31) Priority Document No	:12185699.1
(32) Priority Date	:24/09/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/069747 :23/09/2013
(87) International Publication No	:WO 2014/044851
(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)SIKA TECHNOLOGY AG
Address of Applicant :Zugerstrasse 50 CH 6340 Baar Switzerland
(72)**Name of Inventor :**
1)GERBER, ULRICH
2)FINTER, JURGEN

(57) Abstract :
A composition is described which comprises A) a chain extended prepolymer which can be obtained from the reaction of a) a polymer containing at least one amino thiol or hydroxyl group b) at least one polyisocyanate and c) at least one alkoxylated bisphenol as chain extender and optionally d) an epoxide compound containing a primary or secondary hydroxy group said compound containing a primary or secondary hydroxyl group or at least one epoxide resin A which contains this epoxide compound and optionally B) an epoxide resin B. The composition is suitable as an impact resistor or as an A component of a 2k epoxide resin adhesive which contains this impact resistor. The adhesive is suitable particularly for gluing in windmills.

No. of Pages : 38 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

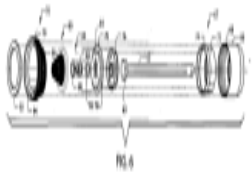
(21) Application No.587/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : APPARATUS AND METHOD FOR CONSERVING AND FILTERING WATER

(51) International classification :F16K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/051552
Filing Date :20/08/2012
(87) International Publication No :WO 2014/031093
(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)INSTANT OFF INC
Address of Applicant :113 Barksdale Professional Center Newark DE 19711 U.S.A.
(72)**Name of Inventor :**
1)GORDON Steve

(57) Abstract :
This invention relates to the field of water valves and more particularly to a rod activated water valve for installation on any threaded water faucet tap or threaded pipe with a filter screen to prevent any particle larger than the filter mesh from passing through the filter. This invention also relates to the field of water valves and more particularly to a rod activated water valve that allows a person to wash their hands and avoid touching faucet handles. In one embodiment a rod activated water valve is provided.



No. of Pages : 21 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.588/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INDICATION OF VIDEO PROPERTIES

(51) International classification :H04N7/26
(31) Priority Document No :61/709922
(32) Priority Date :04/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/063258
Filing Date :03/10/2013
(87) International Publication No :WO 2014/055758
(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)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHEN, Ying
2)ZHOU, Bo

(57) Abstract :
In one example a method of decoding video data includes receiving by a video decoder a coded video sequence and decoding one or more bits of a reserved bits syntax element for the coded video sequence as one or more coding tool enable bits wherein the reserved bit syntax element is part of a syntax structure that includes profile and level information and wherein the one or more coding tool enable bits indicate whether one or more coding tools are enabled for use by the video decoder in decoding the video sequence. In some examples the syntax structure is a profile_tier_level syntax structure. In additional examples one or more coding tool enable bits are not included elsewhere in a sequence parameter set (SPS) syntax information.

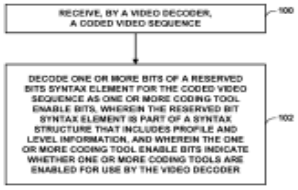


FIG. 4

No. of Pages : 54 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.3198/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR DELAYING RIPENING OF FRUITS AND VEGETABLES

(51) International classification :F02D41/40,F02D41/02,F02D41/03
(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)Xavier Research Foundation
Address of Applicant :Loyola Centre for Research and Development, St. Xavier™s College Campus, Navrangpura, Ahmedabad - 380009 Gujarat India
(72)**Name of Inventor :**
1)Vincent Braganza

(57) Abstract :
The present invention discloses a method for delaying ripening of fruits and vegetables. More particularly, the present invention discloses the method for delaying ripening of sapota fruits (Manilkara zapota). According to said method, the sapota fruits harvested from trees are packed in vacuum bags and said bags are kept under refrigeration condition of between 6°C to 8°C. Due to the vacuum created in the bags, the fruits are prevented from being in contact with air/oxygen and therefore the ripening process of the fruits is delayed. Said method delays the ripening of sapota fruits till 22 days. Said method is simple and cost effective.

No. of Pages : 53 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.3196/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DYNAMIC NOVEL RELISHING SERVER

(51) International classification	:H04B 7/14	(71)**Name of Applicant :** **1)PATIL ATUL ASHA-PRABHAKAR** Address of Applicant :ATUL PRABHAKAR PATIL, C/O P. O. PATIL, VINAYAK COMPLEX, NEAR VADODE HOSPITAL, NEAR JALAMB NAKA, KHAMGAON - 444303, DIST: BULDHANA, MAHARASHTRA, INDIA. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	(72)**Name of Inventor :** **1)PATIL ATUL ASHA-PRABHAKAR**
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :
This invention discloses a Dynamic Novel Relishing Server which relishes healthy food-items (prepared from the nutritious food ingredients) at all locations, at all times, at a faster rate and at an affordable cost. It relishes Khichoodi, JoyMoon, HotMoon items which are rich in health nutrients. Also, the server offers these items at variety of tastes, colors and fragrances. Being mobile, it offers services while moving also. This relishing server could be installed anywhere and could offer services at anytime. The relishing server is a standard, simpler, faster, economical and also ecofriendly in nature.

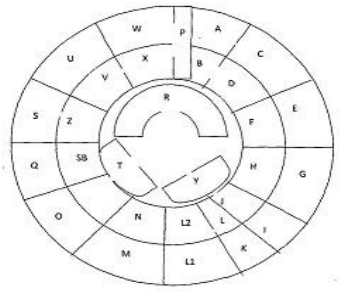


Fig. 1

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.3238/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TRIAMINOTRIAZINE DERIVATIVES AS POTENT REVERSE TRANSCRIPTASE INHIBITOR OF HIV-1

(51) International classification :A61K31/69, C40B50/04, C40B30/04, C07F
(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)Shri Chhatrapti Shivaji College (affiliated to Dr. Babasaheb Ambedkar Marathwada University, Auranagabad, Maharashtra, India.)
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2)National AIDS Research Institute
(72)**Name of Inventor :**
1)MANE, Dhananjay Vithalrao
2)GAVADE, Sandip Namdev
3)KULKARNI, Smita Shrikant
4)PARANJAPE, Ramesh Shivram

(57) Abstract :
The present invention discloses triamino triazine picolinonitriles of formula- I useful for treating or reducing the severity of hyperproliferative diseases by inhibiting metastasis, or in the treatment or prevention of human immunodeficiency virus (HIV) infections. The invention further discloses process for preparation of compounds of formula-I and pharmaceutical composition thereof.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014
(21) Application No.3239/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AUTOMOBILE SYSTEM WITH OXYGEN CONCENTRATOR

(51) International classification :B64D13/00, A61M16/10, B01D53/04, 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)CHINTAN JASANI
Address of Applicant :240, AJANTA SOCIETY, BEHIND PRIYA GUEST HOUSE, DHARI-365640, AMRELI, GUJARAT, INDIA. Gujarat India
2)SMITHKUMAR SAVALIA
3)BHAVDIP VAGHANI
(72)**Name of Inventor :**
1)CHINTAN JASANI

(57) Abstract :
In this system, we will use molecular sieve to separate oxygen from the atmospheric air and this oxygen enriched air is supply to input manifold of the engine, which will improve combustion of the engine. Due to this we can reduce the emission of the NOx from the exhaust at the greater extent and avoid the problem cause due to presence of nitrogen in the engine. It will also help in reduce the size and help in increasing the efficiency of the engine. Due to the absence of nitrogen in the engine we will able to attain the higher temperature in engine and thereby increases power output. After separating the oxygen from air we will able to collect the nitrogen enriched air which can be used for various purposes.

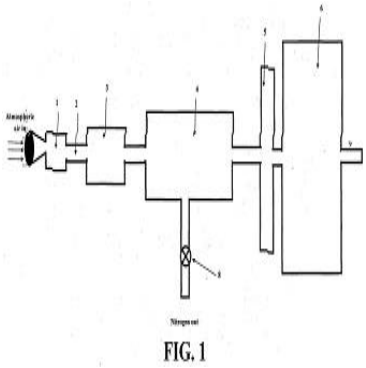


FIG. 1

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.3240/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A CLEANING SYSTEM

(51) International classification	:B04C5/24, A47L9/10, B04C5/00, A47L9/1
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(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

(71)**Name of Applicant :**
1)DEERE & COMPANY
Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(72)**Name of Inventor :**
1)CHATTERJEE SANDEEP

(57) Abstract :
The present invention discloses a cleaning system for cleaning space between a pair of juxtaposed surfaces (7 and 8) of an apparatus. The cleaning system includes a cleaning device (12) mounted within a space (S) defined between the surfaces (7 and 8) by means of a mounting arrangement. The cleaning system is passively operated and enables cleaning debris accumulating with the space (S) between the surfaces (7 and 8).

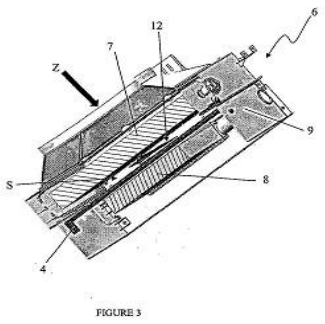


FIGURE 3

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

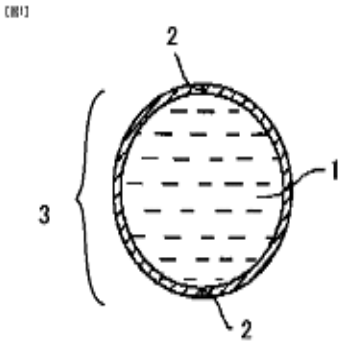
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.584/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DISINTEGRABLE CAPSULE MANUFACTURING METHOD FOR SAME AND SMOKING EQUIPMENT CONTAINING SAID DISINTEGRABLE CAPSULE

(51) International classification :A23P1/04,A24D3/06
(31) Priority Document No :PCT/JP2013/061224
(32) Priority Date :15/04/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/060663
Filing Date :15/04/2014
(87) International Publication No :WO 2014/171433
(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)SUNSHO PHARMACEUTICAL CO. LTD.
Address of Applicant :1468 Atsuhara Fuji shi Shizuoka 4190201 Japan
(72)**Name of Inventor :**
1)KONDO, Takashi

(57) Abstract :
The objective of the present invention is to provide a disintegrable capsule groups of which do not adhere to each other the contents of which does not change over time which is heat resistant and moisture resistant which can be easily broken by applying pressure with the fingers which provides a pleasant sensation when broken and the contents of which can be released. This disintegrable capsule has contents and a capsule coating film and is characterized by including an oil component as the contents and at least a film forming base as the capsule coating film and by satisfying formula (1) and formula (2). (1) 150<(X)<630 (In the formula (X) represents breaking strength (g)/outer diameter (mm) of capsule.) (2) 0.15=(Y)=0.53 (In the formula (Y) represents the distance/outer diameter ratio where said distance represents the distance (mm) by which the capsule is deformed until the maximum load is reached when the capsule is pressed at 22 and 80% RH and broken.)



No. of Pages : 94 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.585/MUMNP/2015 A
(43) Publication Date : 15/04/2016

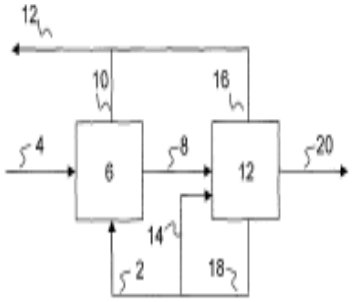
(54) Title of the invention : BUTADIENE EXTRACTION PRE ABSORBER

(51) International classification	:C07C7/12,C07C11/167,B01J20/22
(31) Priority Document No	:61/703,409
(32) Priority Date	:20/09/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/054909 :14/08/2013
(87) International Publication No	:WO 2014/046811
(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 NJ 07003 3096 U.S.A.
(72)**Name of Inventor :**
1)SCHWINT, KEVIN, JOHN,
2)BRUMMER, ROBERT, JOHN,

(57) Abstract :
A process for recovering butadiene from a C fraction is disclosed. The process may include: contacting a mixed C stream comprising butane butene and butadiene with a solvent comprising an organic solvent and water in a butadiene pre absorber column to recover an overheads fraction comprising at least a portion of the butane butene and water and a first bottoms fraction comprising the organic solvent butadiene and at least a portion of the butene; and feeding the first bottoms fraction to a butadiene extraction unit to recover a butene fraction a crude butadiene fraction and a solvent fraction.

Figure 1



No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.3185/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DEVICE FOR CHECKING THE WORKING OF WINDSHIELD GLASS DEFOGGER AND A METHOD THEREFOR.

(51) International classification	:G06F15/29	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)MAHINDRA & MAHINDRA LTD.**
(32) Priority Date	:NA	Address of Applicant :GATEWAY BUILDING, APOLLO
(33) Name of priority country	:NA	BUNDER, MUMBAI - 400001, MAHARASHTRA, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)DIPESH DIPANKAR**
(61) Patent of Addition to Application Number	:NA	**2)YOGESH MADHUKAR GHOGALE**
Filing Date	:NA	**3)DATTATRAY MARUTI LOKHANDE**
(62) Divisional to Application Number	:NA	**4)VISHAL ISHWAR HANDE**
Filing Date	:NA	

(57) Abstract :
The device for checking the working of a defogger in a motor vehicle, wherein the device comprises an 'L' shaped checking tool having a positive terminal at one end on the shorter leg thereof and a negative terminal at the other end on the longer leg thereof; both legs of the device connected to each other by a hinged joint to adapt to checking defogger functioning of different variants and models of the motor vehicle; wherein the longer leg includes an indicator bulb in substantially middle portion thereof for testing the circuit continuity of the defogger coil. The legs, their hinge joint and the indicating bulbs used for making this device are either made from scrap or materials already available in-house. Figure 3

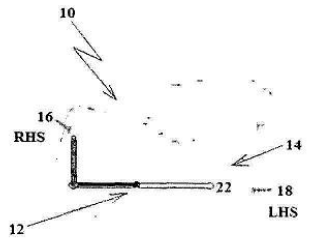


FIGURE 3

No. of Pages : 24 No. of Claims : 8

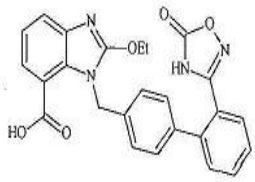
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014
(21) Application No.3186/MUM/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF AZILSARTAN ACID

(51) International classification :H04B7/212, H04J3/17
(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)WANBURY LTD.
Address of Applicant :WANBURY LTD., BSEL TECH PARK, B-WING, 10TH FLOOR, SEC-30A, OPP. VASHI RAILWAY STATION, VASHI, NAVI MUMBAI-400703, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
1)DR. NITIN SHARADCHANDRA PRADHAN
2)DR. SACHIN ULHAS SONAVANE
3)MR. DAYAGHAN GANGADHAR PATIL
4)MR. RAVINDRA BHAUSAHEB PAGIRE

(57) Abstract :
The present invention relates to a simple, economic and eco-friendly process for preparation of Azilsartan acid of Formula (I) from compound of Formula (II) by avoiding formation of impurities to great extent, thereby providing highly pure Azilsartan acid of Formula (I).



Formula (I)

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.609/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A COLORANT INCLUDING A MIXTURE OF PIGMENTS

(51) International classification :C08K3/08,C08K3/22,C09D5/08
(31) Priority Document No :61/708,479
(32) Priority Date :01/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062919
Filing Date :01/10/2013
(87) International Publication No :WO 2014/055555
(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)JDS UNIPHASE CORPORATION
Address of Applicant :430 N. McCarthy Boulevard Milpitas CA 95035 U.S.A.
(72)**Name of Inventor :**
1)DELST, Cornelis, Jan
2)RAKSHA, Vladimir,
3)FUENTE, David, De

(57) Abstract :
A colorant including a mixture of pigments is disclosed. The pigments have a similar coloration but different resistance to corrosion. The mixing ratio is selected to optimize the corrosion resistance against color brightness and/or acidic corrosion resistance against alkali corrosion resistance of the colorant.

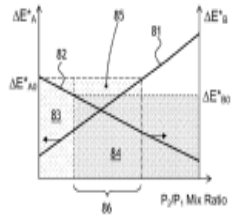


FIG. 8

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

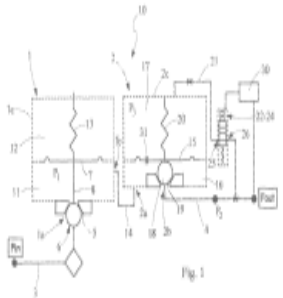
(21) Application No.596/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A PRESSURE REGULATOR DEVICE FOR FUEL PLANTS IN INTERNAL COMBUSTION ENGINES PARTICULARLY FOR THE AUTOMOTIVE FIELD

(51) International classification :G05D16/20,G05D16/06
(31) Priority Document No :PD2012A000274
(32) Priority Date :20/09/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/058665
Filing Date :19/09/2013
(87) International Publication No :WO 2014/045218
(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)OMVL S.P.A.
Address of Applicant :Via Rivella 20 I 35020 Pernumia (pd) Italy
(72)**Name of Inventor :**
1)TARTARI, SILVIO
2)SARTORELLO, LUCA
3)BUZZONI, MARCO
4)CAPPELLOZZA, FRANCESCO
5)BOTTARI, MAURO

(57) Abstract :
A pressure regulator device (10) for fuel gas plants in internal combustion engines particularly for the automotive field is described the device being interposed between a tank for the gas at high pressure and a line (4) for sending the gas to the engine. The device comprises at least a first stage (1) for gas pressure reduction bearing respective gas inlet (la) and outlet (lb) openings the inlet opening (la) being in fluid communication with the gas tank the pressure of the gas regulated by the first stage (2) being of an intermediate value between the gas pressure upstream and downstream of the device at least a second stage (2) for gas pressure regulation of the type comprising a regulating resilient membrane (15) placed downstream of the first stage (1) the membrane separating between them a first and a second chamber (16 17) of the second stage (2) the regulated gas being supplied with the intermediate pressure into the first chamber (16) and the gas being delivered from the first chamber (16) at the preselected pressure for sending to the engine. The second stage (2) bears respective gas inlet (2a) and outlet (2b) openings the outlet opening (2b) from the second stage (2) being in fluid communication with the line (4) for sending the gas to the engine. The device further comprises a secondary circuit associated with the device and connected in parallel with the second pressure regulation stage (2) the circuit comprising an auxiliary duct (21) designed to connect with fluid communication the second chamber (17) of the second stage (2) with the line (4) for sending gas to the engine a valve unit comprising a valve seat (22) with a respective shutter member (23) and an electromagnetic actuator (24) operatively connected to the shutter member (23) in order to control the latter with respect to the valve seat (22) the actuator (24) being controlled by an electronic control unit (30) which according to the pressure value at the outlet from the device (10) controls the opening of the shutter member (23) in order to regulate the gas pressure in the first chamber (16) of the second stage (2) so as to keep the pressure value at the outlet of the device stable.



No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

(21) Application No.597/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A MODULAR APPLICATOR FOR BRACHYTHERAPY

(51) International classification :A61N5/10
(31) Priority Document No :2009697
(32) Priority Date :25/10/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2013/050750
Filing Date :25/10/2013
(87) International Publication No :WO 2014/065667
(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 :Waardgelder 1 NL 3905 TH Veenendaal Netherlands
(72)**Name of Inventor :**
1)VAN ERP,Wilhelmus Petrus Martinus Maria
2)MARTENS Tommy Robert Oscar
3)VAN WIJCK Gaetan Stephan Marie
4)VAN DE Wardt,cor

(57) Abstract :
A modular applicator (10) for enabling a brachytherapy treatment comprising a central element (1a 1b) and one or more of peripheral elements wherein the central element is adapted with a fixation mechanism having a core (4) for affixing the said peripheral elements thereto wherein the fixation mechanism prevents a rotational displacement of the peripheral elements attached to the core (4) of the fixation element with respect to the central element (1a 1b).

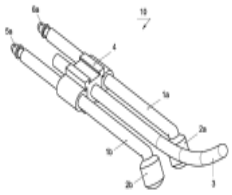


Fig. 1a

No. of Pages : 21 No. of Claims : 28

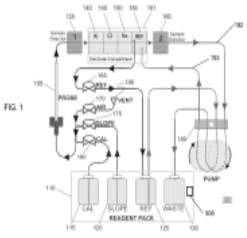
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015
(21) Application No.602/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : APPARATUS FOR AN ELECTROLYTE MEASUREMENT SYSTEM

(51) International classification :A61B5/1495,G01N27/07
(31) Priority Document No :61/725545
(32) Priority Date :13/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069788
Filing Date :13/11/2013
(87) International Publication No :WO 2014/078346
(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)AWARENESS TECHNOLOGY INC.
Address of Applicant :1935 Southwest Martin Highway Palm City FL 34990 U.S.A.
(72)**Name of Inventor :**
1)FREEMAN, Gary
2)SHIELDS, Doug,

(57) Abstract :
An electrolyte measurement assembly includes an electrolyte measurement system having removable components including a removable reagent pack and at least one removable electrode and a computer chip embedded in at least one of the removable components the computer chip having a memory and providing and receiving data about usage and condition of the at least one removable component.



No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

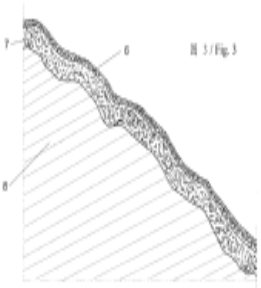
(21) Application No.590/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ARTIFICIAL SNOW AT NORMAL TEMPERATURE

(51) International classification :C09K3/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/080640
Filing Date :27/08/2012
(87) International Publication No :WO 2014/032226
(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)SUN Yingui
Address of Applicant :Room 2503 Building C No. 69 West Beichen Road Chaoyang District Beijing 100029 China
(72)**Name of Inventor :**
1)SUN Yingui

(57) Abstract :
Provided are artificial snow at a normal temperature a method of manufacturing same and a trail made therefrom. The artificial snow at a normal temperature is used for skiing and is composed of grains of artificial snow at a normal temperature comprising magnetic solid grains. A manufacturing method comprises the following steps: (1) using a crushing apparatus to crush a magnetic material into solid grains; (2) using a mesh sieve at a certain particle size to sieve the solid grains; and (3) enabling the surface of the solid grains obtained after sieving to adhere to a layer of material capable of modifying surface performance. A trail comprises the artificial snow at a normal temperature. The artificial snow at a normal temperature can simulate the features of natural snow well is simple to manufacture convenient to use simplifies the operation of creating a trail and can replace natural snow on a large scale in order to create a trail thereby enabling a substantial reduction in the restrictions of environmental temperature and seasons on skiing lengthening the operating time of a ski resort and significantly increasing the returns of the ski resort.



No. of Pages : 24 No. of Claims : 25

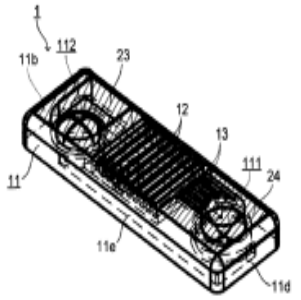
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015
(21) Application No.591/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DRIPPER FOR DRIP IRRIGATION AND DRIP IRRIGATION DEVICE

(51) International classification :A01G25/02
(31) Priority Document No :2012-216576
(32) Priority Date :28/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005772
Filing Date :27/09/2013
(87) International Publication No :WO 2014/050140
(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)ENPLAS CORPORATION
Address of Applicant :2 30 1 Namiki Kawaguchi shi Saitama 3320034 Japan
(72)**Name of Inventor :**
1)KIDACHI, MASAHIRO

(57) Abstract :
Dripper (1) comprises Substrate (11) integrally formed of a resin material and that includes a channel for an irrigating liquid. The channel comprises Inflow control part (111) for controlling flowing in of the irrigating liquid and/or Flow rate control part (112) for controlling the flow rate of the irrigating liquid that has flowed in. Inflow control part (111) opens the channel in association with an increase in the pressure of the liquid to flow therein, and Flow rate control part (112) closes the channel in association with an increase in the pressure of the liquid that has flowed in Dripper (1). Dripper (1) is able to stabilize the control of inflow and discharge of the irrigating liquid, regardless of whether the pressure of the irrigating liquid increases or decreases, and also is able to achieve a reduction in manufacturing costs and improvement in manufacturing efficiency.



No. of Pages : 46 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

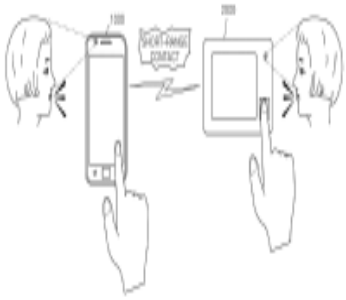
(21) Application No.594/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND SYSTEM FOR AUTHENTICATING TRANSACTION REQUEST FROM DEVICE

(51) International classification	:G06Q20/40,G06Q20/20,G06K9/00
(31) Priority Document No	:10-2012-0092541
(32) Priority Date	:23/08/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/005880 :03/07/2013
(87) International Publication No	:WO 2014/030836
(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)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)YANG, DO-JUN
2)PARK, Sun-eung
3)SEO, Jin-goo
4)JANG, Soo-in

(57) Abstract :
A method and system for authenticating a transaction request from a device are provided. The method includes storing authentication information that is generated by the device based on a user input to the device; and when the device approaches to within a predetermined range from the POS terminal providing the authentication information to the POS terminal. The authentication information that is provided to the POS terminal is compared with authentication information that is generated by the POS terminal based on a user input to the POS terminal and then is used to authenticate a transaction request from the device.



No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2015

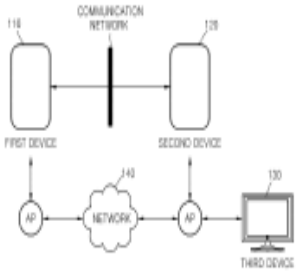
(21) Application No.595/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SHARING CONTENT

(51) International classification :G06Q50/10
(31) Priority Document No :10-2012-0093255
(32) Priority Date :24/08/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/007409
Filing Date :16/08/2013
(87) International Publication No :WO 2014/030889
(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)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)SHIN, IN-YOUNG.
2)KIM, JOON-OO

(57) Abstract :
A method and apparatus for sharing content by selecting a device with which the content is to be shared and performing authentication by using a device which is being called. The method of sharing content of a first device includes: performing authentication of a remote access service for sharing the content with a second device based on a call connection state between the first device and the second device; remotely accessing the second device according to a result of the authentication; and sharing the content based on the remote access.



No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.598/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : STEAM TRAP MONITOR WITH DIAGNOSTICS AND METHOD OF MONITORING OPERATION OF A STEAM TRAP

(51) International classification :F16T1/48
(31) Priority Document No :13/630791
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060539
Filing Date :19/09/2013
(87) International Publication No :WO 2014/052141
(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)KARSCHNIA, ROBERT, J.
2)MOSER, THOMAS, M.

(57) Abstract :
A steam trap monitor (230) includes a process variable sensor (232) configured to sense a process variable related to operation of a steam trap (100). A memory (238) contains information related to a baseline parameter of the process variable. Diagnostic circuitry (236) calculates a current parameter of the process variable sensed by the process variable sensor (232) and compares the current parameter of the process variable with the baseline parameter. Based on the comparison the diagnostic circuitry (236) responsively provides a diagnostic output based upon the comparison. The baseline and current parameter are based on a time period during which the steam trap (100) is open or closed.

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2015

(21) Application No.599/MUMNP/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AUSTENITIC STAINLESS STEEL

(51) International classification :C22C38/42,C22C38/44,C22C38/52
(31) Priority Document No :20120319
(32) Priority Date :27/09/2012
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2013/050940
Filing Date :26/09/2013
(87) International Publication No :WO 2014/049209
(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)KOSKENNISKA Janne

(57) Abstract :
The invention relates to an austenitic stainless steel with improved pitting corrosion resistance and improved strength. The stainless steel contains in weight % less than 0 03 % carbon (C) 0 2 0 6 % silicon (Si) 1 0 2 0 % manganese (Mn) 19 0 21 0 % chromium (Cr) 7 5 9 5 % nickel (Ni) 0 4 1 4 % molybdenum (Mo) less than 1 0% copper (Cu) 0 10 0 25 % nitrogen (N) optionally less than 1 0 % cobalt (Co) optionally less than 0 006 % boron (B) and the rest being iron (Fe) and inevitable impurities.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.3067/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELLIPTICAL VERTICAL HYBRID MUFFLER

(51) International classification :F01N
(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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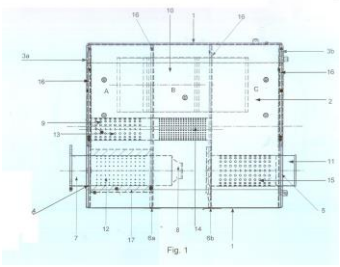
(72)**Name of Inventor :**
1)ASHWIN KUMAR M
2)SASIKUMAR K
3)KALYANKUMAR S HATTI

(57) Abstract :
A muffler for regulating an engine exhaust in a vehicle is provided which comprises a jacket having a hollow region formed by an inlet end baffle having an inlet opening in it and an outlet end baffle having an having an outlet opening in it. One or more baffles to have a first baffle and a second baffle attached inside the jacket in symmetry to the inlet opening and to the outlet opening to form one or more chambers inside the jacket to have a first chamber, a second chamber and a third chamber and the first baffle and the second baffle are capable of letting tubes pass through it and holding the tubes in place. An inlet tube fixed to the inlet end baffle through the inlet opening and through the first baffle such that the other end of the inlet tube is exposed in the second chamber and the periphery of the inlet tube is exposed in the first chamber and in the second chamber. One or more mid tube which is attached inside the jacket between the inlet end baffle and the second baffle through the first baffle such that the periphery of the mid tube is exposed in the first chamber and in the second chamber. A DOC-POC assembly tube attached inside the jacket through the first baffle and through the second baffle such that one end of the DOC-POC assembly tube is exposed in the first chamber and the other end of the DOC-POC assembly tube is exposed in the third chamber and the periphery of the DOC-POC assembly tube is exposed in the first chamber, in the second chamber and in the third chamber. An outlet tube one end of which is attached on the second baffle and the other end of it is projected out of the outlet end baffle through the outlet opening such that the periphery of the outlet tube is exposed in the third chamber and outside the outlet end baffle wherein the main stream of the exhaust from the engine reaches the second chamber of the jacket through the inlet tube and takes 180 degrees turn through the mid tube to reach the first chamber and thereupon the main stream of the exhaust takes 180 degrees turn again to reach the third chamber through the DOC-POC assembly tube and thereupon the exhaust gas exits the jacket through the outlet tube. Fig. 1



No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.3069/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN APPARATUS FOR MAKING TWISTED MURUKU

(51) International classification :A63F
(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)MANOJ MUKUNDAN

(57) Abstract :
Twisted muruku, known in India as Kai Muruku or Chakli, is a very popular snack especially in South India. Twisted Muruku is characterized by its spiral shape. These snacks are either home-made or prepared by food processing industries making use of Muruku making machines. The home-made twisted Muruku is made by hand as commercially available Muruku maker can make only ordinary Muruku which does not have the spiral shape of twisted Muruku. Preparation of twisted Muruku by hand involves twisting a string of dough while winding it into a ring. This needs considerable experience, skill, patience, time and is a vanishing art in modern times. The present invention uses an improvement to the commonly used Muruku maker so that it can be used for making twisted Muruku with its characteristic spiral shape. The conventional Muruku making apparatus are of two types based on the way in which the downward pressure is applied on the dough placed inside a circular container. One type uses direct pressing of the dough and the other uses a screw press with a handle. The present invention is in an improvement of the screw press type Muruku maker.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2012

(21) Application No.3147/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SOLID MIXTURE SEPARATION APPARATUS

(51) International classification :G03G
(31) Priority Document No :PI2011003663
(32) Priority Date :05/08/2011
(33) Name of priority country :Malaysia
(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)Forest Research Institute Malaysia
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2)Akihiko KOSUGI
3)Takamitsu ARAI
4)Yutaka MORI
5)Kenji YAMASHITA
6)Tapei ARAKI
7)Mohd Nor Mohd Yusoff
8)Wan Asma Ibrahim
9)Puad Elham
10)Rafidah Alil
11)Shaharuddin Hashim
12)Mahanim Sarif

(57) Abstract :
A solid mixture separation apparatus is provided by which a solid mixture can be efficiently separated by the difference in flow properties. The solid mixture separation apparatus includes: a separation chamber 11 having a closed cross sectional structure; an inlet 13 for inputting a solid mixture to the separation chamber 11; a conveyance means 14 for agitating and moving the solid mixture in the separation chamber 11 in one direction from the inlet 13; an airflow forming means 15 for forming airflow in the separation chamber 11 in an opposite direction to the conveyance direction of the conveyance means 14; a first outlet 28 for discharging low fluidity solid moved in the conveyance direction by the conveyance means 14 at a position spaced in the conveyance direction from the inlet 13; a second outlet 29 for discharging, with airflow, high fluidity solid moved by airflow in the opposite direction at a position spaced in the opposite direction from the inlet 13; and a solid-gas separation means 17 for subjecting solid-gas mixture discharged from the second outlet 29 to solid-gas separation.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2012

(21) Application No.3078/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : EXHAUST-GAS RECIRCULATION DEVICE FOR AN INTERNAL COMBUSTION ENGINE OF A VEHICLE, AND METHOD FOR OPERATING AN EXHAUST-GAS RECIRCULATION DEVICE

(51) International classification	:F02M 25/00
(31) Priority Document No	:10 2011 109 264.5
(32) Priority Date	:03/08/2011
(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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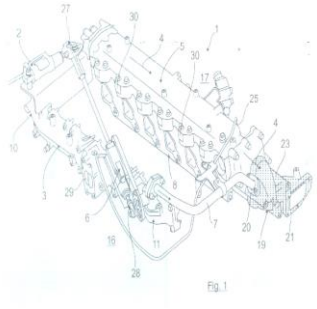
2)FINKEL, SIMON
3)ACHENBACH, THOMAS
4)UTTINGER, ROLAND
5)HOLLWECK, JOHANNES
6)PICHLER, MARKUS

(57) Abstract :
The invention relates to an exhaust-gas recirculation device (1) for an internal combustion engine (9) of a vehicle, having a first exhaust-gas recirculation line (4) which can be shut off by means of a first shut-off device and which leads back to an air side of the internal combustion engine via an exhaust-gas cooler (5) . Also provided as second exhaust-gas recirculation line (7) is a bypass line which can be shut off by means of a second shut-off device (6), wherein the first exhaust-gas recirculation line and the second exhaust-gas recirculation line merge upstream of an air admixing point (23) at which the air conducted to the air side of the internal combustion engine via an air line (22) can be mixed with the recirculated exhaust gas. Also provided is a control and/or regulating unit (18) by means of which the recirculated exhaust-gas quantity can be controlled and/or regulated. According to the invention, the first and second exhaust-gas recirculation lines branch off on the exhausting-gas side preferably from an exhaust manifold (3) and/or from first and second exhaust manifold end regions (10,11) situated opposite one another as viewed in the longitudinal direction of an exhaust manifold (3) of the internal combustion engine, and are led from therein each case to the opposite air side of the internal combustion engine, wherein the first exhaust-gas recirculation line, which is longer than the second exhaust-gas recirculation line, is subsequently led onward along the internal combustion engine to the air-side opening region of the second exhaust-gas recirculation line, where the first and second exhaust-gas recirculation lines merge at a mixing region (19). (Figure 1)



No. of Pages : 27 No. of Claims : 13

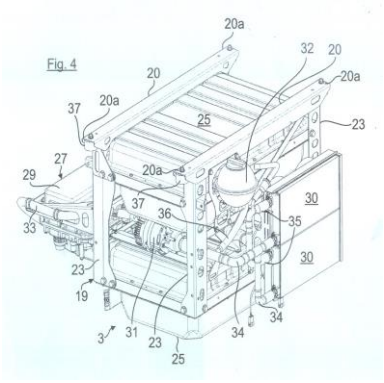
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2012

(21) Application No.3079/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELECTRIC DRIVE MODULE FOR VEHICLE, IN PARTICULAR UTILITY VEHICLE

(51) International classification	:H02J	(71)**Name of Applicant :**
(31) Priority Document No	:10 2011 109 024.3	**1)MAN TRUCK & BUS AG** Address of Applicant :DACHAUER STR. 667, 80995
(32) Priority Date	:30/07/2011	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)SIGL, JOHANN**
Filing Date	:NA	**2)GUNZERT, URS**
(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 invention relates to an electric drive module for a vehicle, in particular utility vehicle, having an electric drive or hybrid drive, having at least one battery pack (25) which can be charged via a power inverter (22), one supporting frame (19) which accommodates the battery pack (25) and can be fastened to the motor vehicle body, and having a cooling device for controlling the temperature of the electrical components. According to the invention the drive module (3) as an autonomous unit with the battery pack (25), the electrical converters such as the power inverter (27) and direct current converter (28), at least one electrical connection interface and a cooling system with at least one heat exchanger (30), coolant lines (33, 34, 35, 36) and a delivery pump (31), is arranged in the supporting frame (19) which can be attached to the body (8) of the vehicle (1). (Fig. 4).



No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2012

(21) Application No.3236/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BULKHEAD STRUCTURE FOR SIDE MEMBER •

(51) International classification :B62D
(31) Priority Document No :2011-224826
(32) Priority Date :12/10/2011
(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

(71)**Name of Applicant :**
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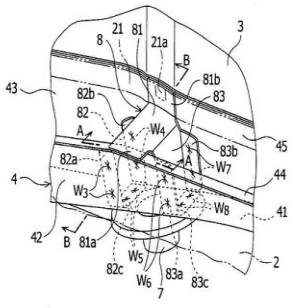
(72)**Name of Inventor :**
1)Shinei MOCHIZUKI
2)Takayuki SUZUKI

(57) Abstract :
[Name of Document] Abstract [Abstract] [Problem to be Solved] An object of the present invention is to provide a bulkhead structure for a side member that can efficiently absorb a load that is applied to a spring bracket and suppress deformation of a side member and a floor panel. [Solution] A bulkhead structure for a side member in which a bulkhead 8 is joined at a position corresponding to a spring bracket 7 on an inner side of a side member 4. The bulkhead 8 includes a first plate member 81, and two second plate members 82 and 83 that extend from the first plate member 81 to a bottom part 41 of the side member 4. The first plate member 81 has a first flange 81a and a second flange 81b. A side wall part 42 of the side member 4, a floor panel 2, and the first flange 81a are joined together. A side wall part 43 of the side member 4, a housing panel 3, and the second flange 81b are joined together. Each of the second plate members 82 and 83 is joined to the inner side of the side member 4. [Selected Drawing] FIG. 4

FIG.4



No. of Pages : 26 No. of Claims : 4

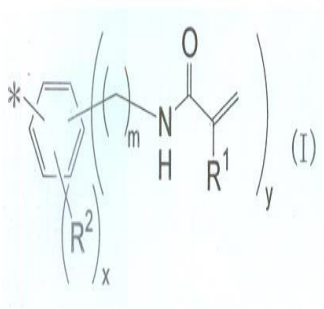
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3096/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INK COMPOSITION, IMAGE FORMING METHOD, AND PRINTED MATERIAL

(51) International classification	:C09D	(71)**Name of Applicant :**
(31) Priority Document No	:2011-177712	**1)FUJIFILM CORPORATION**
(32) Priority Date	:15/08/2011	Address of Applicant :26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)HIRONAKA, KOJI**
Filing Date	:NA	**2)SHIMOHARA, NORIHIDE**
(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 :
An ink composition comprising (A) a polymer compound having a partial structure represented by the following Formula (I) in a side chain thereof, and (B) a coloring material, wherein the content of (A) the polymer compound is from 0.1 to 20% by mass: wherein m represents an integer from 0 to 10; x represents an integer from 0 to 4; y represents an integer from lto3;≤x + y≤5 is satisfied; R represents a hydrogen atom or a methyl group; when a plurality of RS are present, they may be identical or different; R2 represents an alkyl group, an alkoxy group, or an alkenyl group; when a plurality of R2s are present, they may be identical or different, and may be bonded to each other to form a ring; and the symbol represents a bonding position with an adjacent site.



No. of Pages : 55 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3097/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SADDLE-RIDE TYPE VEHICLE

(51) International classification :B62J
(31) Priority Document No :2011-170486
(32) Priority Date :03/08/2011
(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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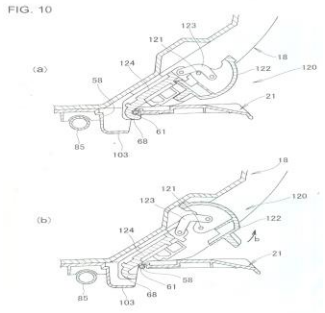
(72)**Name of Inventor :**
1)MARUYAMA, TOMOYUKI
2)YOKOUCHI, KOHEI
3)OKUBO, KATSUYUKI

(57) Abstract :
To provide a technology capable of reducing the weight and cost of a luggage carrier in a saddle-ride type vehicle. [Means to Solve the Problem] A motorcycle 10 is provided with a luggage carrier having a flat upper face and capable of putting thereon an article or a trunk; and an under luggage carrier frame 22 disposed below the luggage carrier and supporting the luggage carrier. An opening portion 60 is provided at the luggage carrier 21, and, near the opening portion 60, an under luggage carrier frame side mounting portion 61 for mounting the trunk 18 to the under luggage carrier frame 22 is disposed at the under luggage carrier frame 22, and the trunk 18 is dismountably mounted to the under luggage carrier frame side mounting portion 61 via the opening portion 60. The trunk 18 is provided with an engagement portion 68 which can be hooked to the under luggage carrier frame side mounting portion 61. [Selected Drawing] Fig. 10



No. of Pages : 39 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3098/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SADDLE-RIDE TYPE VEHICLE

(51) International classification :B62J
(31) Priority Document No :2011-170474
(32) Priority Date :03/08/2011
(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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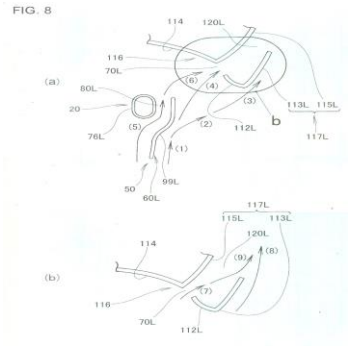
2)KAWAIDA, SORA
3)SUZUKI, SHINYA
4)SAKAMOTO, KAZUHIRO

(57) Abstract :
To provide a saddle-ride type vehicle capable of reducing entanglement of a traveling wind to the inside in a vehicle width direction. [Constitution] In (a), a fender 50 includes a baffle plate 60L arranged in a cushion part 76L of a front fork 20 and guiding a traveling wind to the left side part of a side cover part 117L. The baffle plate 60L is disposed so as to depart from the front fork 20 to the left outer side in the vehicle width direction and is formed with an air introduction passage SOL that allows the traveling wind to flow between the cushion part 76 L and the baffle plate 60L. An inclined face 99L spreading to the vehicle rear is arranged in a face on the left outer side in the vehicle width direction of the baffle plate 60L. [Effect] The inside in the vehicle width direction of the vehicle rear of the baffle plate 60L becomes a vacuum area and swirls are liable to be generated, however the traveling wind is made to flow as an arrow (6) to the outside in the vehicle width direction of the baffle plate 60L, therefore the vacuum area is hardly generated, and entanglement in the vehicle rear of the front fork 20 is reduced. Accordingly, a saddle-ride type vehicle capable of reducing entanglement of the traveling wind to the inside in the vehicle width direction is provided. [Selected Drawing] Fig. 8



No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2012

(21) Application No.3261/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD AND SYSTEM OF BEARER GROUPING FOR DATA TRANSMISSION IN A BROADBAND WIRELESS NETWORK

(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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2)YOUNGBIN CHANG

(57) Abstract :
A method and system for data multicasting in a wireless communication network is disclosed. The communication network comprises multiple base stations that are grouped together to serve a single mobile station. The disclosed invention provides a method of association of bearers between the base stations in the cloud cell and data gateway. The method in the disclosed invention aims to minimize the data gateway awareness of cloud cell.

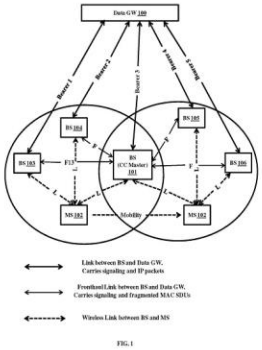

FIG. 1

No. of Pages : 65 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3105/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND DEVICE FOR MEASURING THE TEMPERATURE OF HOT MOLTEN METAL

(51) International classification :G01J
(31) Priority Document No :11006337.7
(32) Priority Date :02/08/2011
(33) Name of priority country :EPO
(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)DELICAAT, CHRISTIAAN LOUIS AUGUSTINUS
2)VAN BUREN, RENEE

(57) Abstract :
The invention relates to a method for measuring the temperature of hot molten metal flowing out of a container, using thermal radiation. According to the invention, an imaging pyrometer is used to measure the temperature of the flow of hot molten metal. The invention also relates to a device for measuring the temperature of a flow of hot molten metal using the method according to the invention.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3106/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VEHICLE FLOOR MAT

(51) International classification :H01H
(31) Priority Document No :2011-188013
(32) Priority Date :30/08/2011
(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)KANA HARATA
3)TOHRU OHBA
4)TATSUYA SHIONO
5)HIROBUMI KIKUCHI
6)MITSUYOSHI NAKAMURA

(57) Abstract :
Provided is a vehicle floor mat that can reliably maintain a fixed state and includes a mat main body and at least one fastening device for fastening the mat main body to a vehicle. The fastening device includes a first fastening member fixed to the vehicle and a second fastening member fixed to the mat main body. The first fastening member includes a rotating knob rotating about a vertical axis and a lever pivotally provided on an upper section of the knob. The second fastening member includes an insertion receiving section for the knob to be inserted thereinto, and engaged therewith by rotating the knob inserted into the insertion receiving section. A rotation of the knob in an engaged state is restricted by laying the lever. The knob and lever allow the mat main body to be fixed to the vehicle through a two-step fixation mechanism, thus enabling strong fixation.

No. of Pages : 64 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2012

(21) Application No.3181/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SWITCHING IMSI

(51) International classification :H04W
(31) Priority Document No :201110222530.7
(32) Priority Date :04/08/2011
(33) Name of priority country :China
(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 :Building B2 Huawei Industrial Base Bantian Longgang District Shenzhen P.R. China 518129 China
(72)**Name of Inventor :**
1)CHEN Rongsheng

(57) Abstract :
A method and an apparatus for switching an international mobile subscriber identity IMSI are provided. The method includes: acquiring public land mobile network PLMN identification of a PLMN being currently visited by a user; judging whether an IMSI matching the PLMN identification exists in an IMSI list; and if yes switching to the matching IMSI. Through the method the PLMN identification of the PLMN being currently visited by the user is acquired the IMSI matching the PLMN identification is searched for in the IMSI list and then the matching IMSI is switched to. In this way a function of automatic switching among multiple IMSIs in a single SIM card is implemented the user does not need to choose which IMSI to be switched to manually user experience is good and it is ensured to switch to a proper IMSI to provide a local charge for the user.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/08/2012

(21) Application No.3269/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AUTOMATED SYSTEM AND METHOD FOR KNOWLEDGE TRANSFER, AGENT SUPPORT AND PERFORMANCE TRACKING DURING A LIFE CYCLE OF BUSINESS PROCESSES IN AN OUTSOURCING ENVIRONMENT

(51) International classification	:H01J	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)RAVI RAMAMURTHY**
(32) Priority Date	:NA	Address of Applicant :230 6th A main HRBR 2nd Block Kalyan Nagar Bangalore 560043 Karnata a India Nagaland India
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)RAVI RAMAMURTHY**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
An automated system and method for knowledge transfer, agent support and performance tracking during life cycle of a business process in an outsourcing environment are disclosed. In one embodiment, knowledge information associated with the business process is captured. Further, standard operating procedures (SOPs) are created based on the captured knowledge information. Furthermore, a simulated business process is created based on the captured knowledge information upon reviewing the SOPs. In addition, agents are allowed to use the simulated business process and actual performance of the simulated business process is tracked. [FIG. 2]

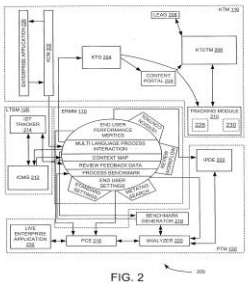

FIG. 2

No. of Pages : 37 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2012

(21) Application No.3270/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FRONT PASSENGER AIR BAG •

(51) International classification :B60R
(31) Priority Document No :2011-223902
(32) Priority Date :11/10/2011
(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

(71)**Name of Applicant :**
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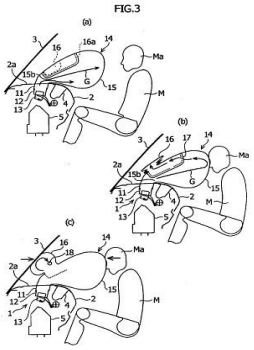
Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-Ken 4328611 Japan Japan
(72)**Name of Inventor :**
1)Ryo ATSUMI

(57) Abstract :
[Problem to be Solved] A front passenger air bag realizes miniaturization and weight reduction, and improves the passenger protection performance of an air bag by shortening die time until a main bag which is expanded by gas supply reaches a head of a passenger and by preventing misalignment of the main bag using a sub bag. [Solution] A front passenger air bag 1 includes an air bag 14 contained in a folded state inside an instrument panel 2, the air bag 14 expanding toward the passenger M side when a gas is supplied, wherein the air bag 14 has a main bag 15 mat expands toward a head Ma of a passenger M, and a sub bag 16 that is integrated with the main bag 15 and that expands toward a windshield 3 to support the main bag IS by contact with the windshield 3, and the sub bag 16 is provided on an upper portion of the main bag 15, and contained in a temporary placement manner so as to hold down the upper portion of the main bag 15 when the main bag 15 expands, such that the sub bag 16 expands later than expansion of the main bag 15 by inflow of the gas convected through die main bag 15. [Selected Drawing] Figure 3



No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3100/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A SYSTEM FOR LADLE PREHEATING INVOLVING A HEAT EXCHANGER FOR PREHEATING OF AIR FOR COMBUSTION USING FLUE GAS

(51) International classification :C21C
(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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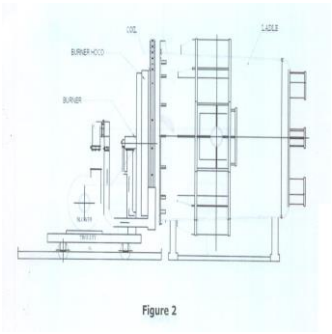
1)JSW STEEL LIMITED
Address of Applicant :JSW CENTRE BANDRA KURLA COMPLEX,BANDRA(EAST) MUMBAI-400051, MAHARASHTRA INDIA Maharashtra India
(72)**Name of Inventor :**
1)SATHAYE, JAYANT MORESHWAR
2)BABUJEE, ALAPATTI
3)GOVINDARAJ, MANAVALASAMY
4)SUDHAKARAN, KRISHNA
5)BAJI, KATTA

(57) Abstract :
A system for ladle preheating Involving preheating of air used for combustion using flue gases at ladle preheating station. More particularly, the invention provides for a system for ladle preheating using preheated combustion air utilizing the heat of flue gases leaving the burner. Importantly, the ladle preheating system involves a heat exchanger for preheating of combustion air, preferably made up of layered steel pipes and junction headers mounted on the burner hood. Air is heated by conveying it through pipes exposed to flue gases to recover the heat energy in the exhaust flue gas at elevated temperatures which otherwise leaves through the gap between ladle mouth and burner hood. The system for ladle preheating involving air preheating thus favour recovery of waste heat of flue gases and ensure substantial saving of fuel consumption. (Figure 2)



No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012
(21) Application No.3354/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : OPTIMIZED FLIP-FLOP DEVICE WITH STANDARD AND HIGH THRESHOLD VOLTAGE MOS DEVICES •

(51) International classification :H01L27/00
(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)DEEPAK PANCHOLI
2)SRIKANTH BOJJA
3)BHAVIN ODEDARA

(57) Abstract :
A flip-flop operating with standard threshold voltage MOS devices as compared with high threshold voltage MOS devices may have improved speed performance but greater leakage current. Likewise a flip-flop operating with high threshold voltage MOS devices may reduce the leakage current and have better power efficiency but decreased speed and performance. An optimized flip-flop may include a combination of standard threshold voltage MOS devices and high threshold voltage MOS devices. The optimized flip-flop may have less leakage during stand-by mode as compared to a flip-flop with standard threshold voltage MOS devices. In addition the optimized flip-flop may have better performance and speed as compared to a flip-flop with high threshold voltage MOS devices.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.3355/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR COMPUTING DESIGN PARAMETERS FOR A THERMALLY COMFORTABLE ENVIRONMENT

(51) International classification :B60H1/00
(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)PUNIT TIWARI
2)ARUN RAJPUT
3)MADHUSUDHANA REDDY

(57) Abstract :
system and method for computing design parameters for a thermally comfortable environment is disclosed. In one embodiment, a surface heat transfer coefficient (hcal) is obtained for each body part of one or more thermal manikins in a uniform thermal environment by performing a 1D numerical analysis on the uniform thermal environment based on a given set of boundary conditions for the uniform thermal environment. Further, equivalent temperature (teq) limits for each body part corresponding to the thermal comfort limits are obtained from known design standards. Furthermore, heat flux limits (q_t limits) are obtained for each body part using associated teq limits and the hcal. In addition, the design parameters are computed by performing 1D numerical analysis on a non-uniform thermal environment, including one or more thermal manikins, based on a given set of boundary conditions for the non-uniform thermal environment and the obtained q_t limits. [Fig. 1]

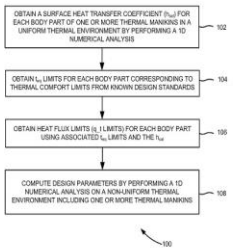

FIG. 1

No. of Pages : 45 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.3356/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPOSITIONS FOR FABRIC BASED LATERAL FLOW ASSAY DEVICE USING ELECTROCHEMICAL DETECTION MEANS AND DEVICES THEREFROM

(51) International classification :G01N33/00
(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)Tripurari Choudhary
2)ASHISH KUMAR LAL
3)GURURAJ K B
4)Manjunath Tahasildar

(57) Abstract :
The invention provides a composition for lateral flow assay device that comprises at least one fabric strand coated with a conducting material and a diagnostic material. The invention also provides a lateral flow assay device having a proximal end a distal end and a testing zone intermediate between proximal end and distal end. The device is made of a fabric comprising at least one strand that defines a flow path. At least one strand of fabric in testing zone is coated with a conducting material. At least one strand is made of at least one of a cotton a silk-based material and combinations thereof. The invention also provides a lateral flow assay system comprising lateral flow assay device of the invention wherein strand coated with conducting material is connected to at least one electrode; and measurement means to measure output from the at least one electrode.

No. of Pages : 18 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3124/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING INTELLIGENT RECOMMENDATIONS

(51) International classification	:H04N	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)INFOSYS LIMITED**
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)VIKAS DEWANGAN**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
One or more computing devices may determine a category of interest to a user, receive an image, extract one or more features in the image, determine a recommendation in the category of interest based, at least in part, on the one or more extracted features, and communicate the recommendation to the user. The image can be received from a video camera, a webcam, a digital camera, a scanner, a remote computing device, a mobile device, and/or a storage drive. The recommendation in the category of interest may be determined, at least in part, by one or more user preferences, or by historic data. Additionally, the one or more features which are extracted from the image may be based on the category of interest, user preferences, and/or historic data. The features can include user physical characteristics, clothing, facial features, expression, environment, patterns, shapes, aesthetic characteristics, furniture, furnishings, layout, colors, and/or dimensions. REF FIG: 1

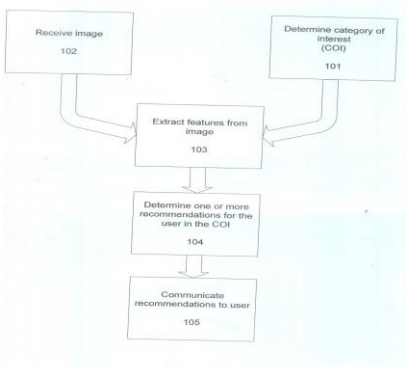

Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3126/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR GENERATING A DYNAMIC AND LOCALIZED ATM KEYPAD

(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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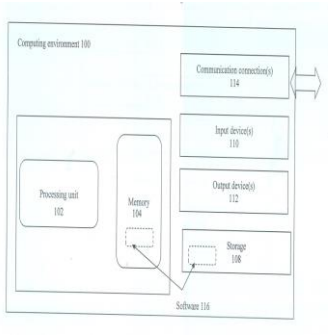
(72)**Name of Inventor :**
1)ATUL GUPTA

(57) Abstract :
The invention relates to a system and method for generating a dynamic and localized keypad in an automated teller machine (ATM). This invention involves receiving the language of preference information of the ATM users and retrieve the number values, texts and all other characters which are required to be displayed in the dynamic keypad. Based on the retrieved information the dynamic keypad is generated in the preferred language. REFFIG:1



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2012
(21) Application No.3206/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TWO STROKE ENGINE WITH CRANKCASE SCAVENGING WHERE THE CRANKCASE IS FREE OF LUBRICATION OIL

(51) International classification :F01M
(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)RAINER KWASNY

(57) Abstract :
The invention discloses a two stroke crank case scavenged internal combustion engine 10 wherein the piston and the bearings do not need any lubrication. The internal combustion engine 10 comprises a crankcase 12; a crank shaft 18 partly enclosed in the crankcase 12; a cylinder 14; a piston 16 reciprocally moving in the said cylinder 14, the said piston 16 connected to the said crankshaft 18 through a connecting rod 20 and a set of bearings 21; a combustion chamber formed at one end of the cylinder 14; an intake passage to provide air to the said engine; an exhaust passage to guide the exhaust gases away from the combustion chamber. The invention proposes new materials for the piston 16 and the bearings 21 which do not need any lubrication. These materials can be composite material or fibre reinforced composite material. Especially composite from aluminium and carbon are of interest

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2012

(21) Application No.3478/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : RIGID ADAPTOR RING FOR CTE MISMATCHED OPTICAL DEVICE COMPONENTS

(51) International classification :H01L
(31) Priority Document No :61/526,502
(32) Priority Date :23/08/2011
(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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Address of Applicant :PO Box 868 NHQ1-719 Nashua NH 03061-0868 United States of America U.S.A.
(72)**Name of Inventor :**
1)Adam G. Butland

(57) Abstract :
A rigid adaptor ring for coefficient of thermal expansion (CTE) mismatched optical device components is disclosed. In one embodiment either side of the rigid adaptor ring includes one or more mounting pads that are configured to interface between the CTE mismatched optical device components. [FIG. 2]

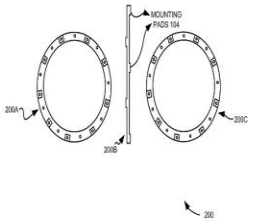

FIG. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2012

(21) Application No.3568/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PILLAR STRUCTURE FOR AUTOMOBILE •

(51) International classification :F16L
(31) Priority Document No :2011-223629
(32) Priority Date :11/10/2011
(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

(71)**Name of Applicant :**
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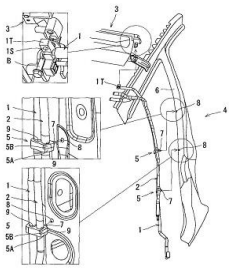
(72)**Name of Inventor :**
1)Kazuya YAMAGUCHI
2)Yusuke IKEDA

(57) Abstract :
[PROBLEMS TO BE SOLVED] To provide a pillar structure of an automobile which although being simple and low in manufacturing cost can improve workability in a work of mounting an air conditioner piping and a drain hose onto a pillar and prevent abnormal noise caused by the clattering of the drain hose during vehicle running. [SOLUTION] Provided is a pillar structure of an automobile in which an air conditioner piping 1 and a drain hose 2 between a ceiling portion and a floor portion are routed in a pillar 4. In the pillar structure the air conditioner piping 1 and the drain hose 2 are bundled together into a unit with a fixing device 5 and the unit of the air conditioner piping 1 and drain hose 2 is fixed to a pillar panel 6.

FIG.3



No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3140/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : THREAD MIGRATION ACROSS CORES OF A MULTI-CORE PROCESSOR

(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)SRIRAM VAJAPEYAM

(57) Abstract :
ABSTRACT [0064] Techniques described herein are generally related to thread migration across processing cores of a multi-core processor. Execution of a thread may be migrated from a first processing core to a second processing core. Selective state data required for execution of the thread on the second processing core can be identified and can be dynamically acquired from the first processing core. The acquired state data can be utilized by the thread executed on the second processing core.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2012

(21) Application No.3309/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VEHICLE ELECTRIC CHARGING SCHEDULE SELECTION AND EVOLUTION BASED ON MULTIPLE WEIGHTED CHARGING OBJECTIVES

(51) International classification :H02J7/00
(31) Priority Document No :13/220,578
(32) Priority Date :29/08/2011
(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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3)Heinrich Braun
4)Mario Graf

(57) Abstract :
The present description refers to a computer implemented method computer program product and computer system to determine a plurality of electric charging schedules for one or more electric vehicles determine for each of the electric charging schedules a plurality of charging objective values assign a weight to each of the charging objective values wherein one set of weights is used for the plurality of electric charging schedules calculate a fitness value for each of the electric charging schedules based on the plurality of charging objective values for each respective electric charging schedule and the set of weights identify the electric charging schedule having a highest fitness value and select the electric charging schedule having the highest fitness value for charging one or more electric vehicles.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2012

(21) Application No.3590/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DRIVE CONTROL DEVICE FOR SERIES HYBRID VEHICLE •

(51) International classification :B60K
(31) Priority Document No :2011-215029
(32) Priority Date :29/09/2011
(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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1)Akiyoshi OHNO

(57) Abstract :
A hybrid system includes a hybrid controller which controls the speed and torque of an engine based on the operated level of an accelerator pedal within a first range where the power generation efficiency of the system becomes equal to or higher than a preset power generation efficiency to allow the engine to operate at an engine operating point when the SOC detected by an SOC sensor is equal to or higher than an HEV low SOC and which controls the speed and torque of the engine based on the operated level of the accelerator pedal within a second range where the power generated by a power generator motor becomes larger than that of the first range to allow the engine to operate at the engine operating point when the SOC detected by the SOC sensor is lower than the HEV low SOC.

No. of Pages : 37 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2012

(21) Application No.3591/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LOW PROFILE IGNITER •

(51) International classification :F42B
(31) Priority Document No :61/537,880
(32) Priority Date :22/09/2011
(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)Steve BRANDON
3)Jim FERRARO
4)James KELLEY
5)Grant TOLLEFSON

(57) Abstract :
An igniter and a method of manufacturing the igniter in which the igniter includes a housing having a first end with an opening, a second end opposite the first end, a longitudinal axis extending from the first end to the second end, and a top surface with a weakened area. The igniter may further include a pyrotechnic material disposed within the housing, a header having a first end and a second end opposite the first end, and a bridge element provided on the first end of the header and having lead wires on the second end of the header. The first end of the header may be inserted into the opening of the housing in a first direction so as to force the header against the pyrotechnic material. Flow of current through the bridge element heats the bridge element and ignites the pyrotechnic material, which causes the weakened area to rupture.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2012

(21) Application No.3075/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HAZARD WARNING SYSTEM

(51) International classification :B60Q
(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)SHAFI KHAN SARMADH AMEER
3)RAGHAVAN VENKATESAN
4)ARUMUGHAM SIVAKUMAR

(57) Abstract :
Continuous operation of hazard warning indication drains the on-vehicle battery and thereby limits hazard warning indication duration and seriously impairs vehicle operation, particularly the engine startability.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2012

(21) Application No.3077/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND SYSTEM TO MITIGATE RISKS OF NON-TRANSMISSION OF MEDICAL DATA IN UBIQUITOUS HEALTHCARE ENVIRONMENT

(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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(72)**Name of Inventor :**
1)Mithun Manjnath Nayak
2)Rana Prasad Sahu
3)Deep Bera

(57) Abstract :
A method and system to provide a seamless transmission of medical data from a sensor source to the medical facility through a Gateway is disclosed. The method proposes the selection of an alternative backup Gateway by a primary Gateway to achieve seamless medical data transmission in case of some interruption in the primary Gateway. The alternative backup Gateway can be a pre-decided device typically belonging to the same user who wears/possesses the sensor. If a pre-defined Gateway is not available or incapable of acting as a Gateway for future communication an ˜on-the-fly™ Gateway can be selected. The proposed method uses a zero knowledge proof protocol such as Direct and Anonymous Authentication by the Trusted Computing Group to authenticate the newly identified Gateway. FIG. 3

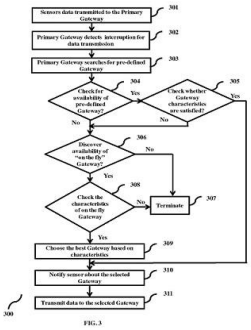

FIG. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2012

(21) Application No.3234/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SEAT SKIN MATERIAL ATTACHING STRUCTURE •

(51) International classification :B60N
(31) Priority Document No :2011-203886
(32) Priority Date :17/09/2011
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Shougo SHIRAI
2)Yutaka ATSUMI
3)Naoki YASUTOMI
4)Yuki ATSUMI

(57) Abstract :
A skin material 11 for covering a cushion pad 10 supported by a seat frame 9 has a pair of extremities 1 1A and 11B of the skin material 11 pulled toward each other such that the skin material 11 is pulled by a moderate tension and a first hook 21 and a second hook 22 5 which are respectively connected to the pair of extremities 11A and 11 B are connected to each other wherein an engaging section 21K of the first hook 21 engages with the seat frame 9 and the second hook 22 is fit onto the outer side of the first hook 21 so that an engaging section 22K of the second hook 22 engages with the engaging section 21K of the first hook 21.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2012

(21) Application No.3235/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VEHICULAR BATTERY COOLING DEVICE •

(51) International classification :B60N
(31) Priority Document No :2011-225920
(32) Priority Date :13/10/2011
(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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1)Seiji BITO

(57) Abstract :
The present invention provides a vehicular battery cooling device in which a rear scat is disposed on the upper surface of a rear floor panel that rises in a stepwise form from a front floor panel to the vehicle upside and extends to the vehicle rear, a battery pack is disposed on the upper surface of the rear floor panel at the rear of the rear seat, and an air intake duct that extends from the battery pack to the vehicle front direction to take the air in a vehicle compartment into the battery pack is installed between the cushion part of the rear seat and the rear floor panel, characterized in that a concave part extending in the vehicle longitudinal direction is formed in the lower surface of the cushion part in the central portion in the vehicle width direction, an opening is formed at the front end of the air intake duct, and the air intake duct is formed so as to have a strength capable of supporting the weight of a passenger and is brought into contact with the lower surface of the cushion part.

No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2012

(21) Application No.3595/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND SYSTEM FOR SECURING AN APPARATUS BY TRACKING THE APPARATUS USING CLOUD INFRASTRUCTURE

(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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2)Dr. Joy Bose
3)Muralidhar Shivanapura Rajarao
4)Vivek Vilas Galatage

(57) Abstract :
A method and system for tracking an apparatus with the assistance of cloud infrastructure is disclosed. The system comprises of a cloud service which stores the apparatus registration details both locally on the apparatus and on the cloud service and also verifies and communicates the authenticity of the apparatus identity (IMEI/MEID and so on) to the application running on the apparatus. The system also provides a text messaging based application interface to connect to the cloud service which can serve the apparatus which are incapable of internet connectivity. The connection to the service is done automatically by the application after identifying the country. In the event of a spoofed IMEI scenario the application running on the apparatus regenerates the hash and is sent to the cloud service to track the actual IMEI of the apparatus. FIG. 2

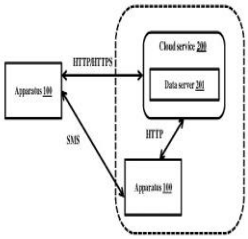

FIG. 2

No. of Pages : 49 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3099/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HYBRID DRIVE APPARATUS

(51) International classification	:B60K
(31) Priority Document No	:2011-169679
(32) Priority Date	:02/08/2011
(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 :**
1)TORU YAGASAKI

(57) Abstract :
In a hybrid drive apparatus having an engine, a motor generator, and a planetary gear mechanism in which the output shaft of the motor generator is coupled to a sun gear, the output shaft of the engine is coupled to a ring gear, and the input shaft of a continuously variable transmission mechanism is coupled to a carrier, the hybrid drive apparatus includes a first clutch that can switch engagement/disengagement between the output shaft of the engine and the ring gear, a second clutch that can switch engagement/disengagement between the carrier and the ring gear, and a third clutch that can switch engagement/disengagement on the input shaft of the transmission mechanism. Consequently, the power transmission path for the driving force from the engine can be separated from the power transmission path between the motor generator and drive wheels, and various driving modes can be set while improving power transmission efficiency.

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.3341/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND APPARATUS FOR NETWORK CONSTRUCTING AND DEVICE INCLUDING THE APPARATUS •

(51) International classification :H04L29/00
(31) Priority Document No :201110234940.3
(32) Priority Date :15/08/2011
(33) Name of priority country :China
(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 Van Den broeke
2)LIN Jinyun

(57) Abstract :
The invention provides a method and apparatus for network constructing and device including the apparatus, and a program product and storage medium carrying the program product to overcome the problem that network mis-configuration is removed with intervention of an administrator and/or a user of a network existing in the current technique for network constructing. The method for network constructing includes: in response to a network mis-configuration generated during network configuration for a network environment including at least two devices, removing the network mis-configuration by an action performed by the device per se associated with the network mis-configuration, without intervention of the administrator and/or the user of the network environment. The apparatus for network constructing is configured to implement functions included in the method for network constructing. The application of the method and apparatus for network constructing or device including the apparatus enables to remove the network mis-configuration by the device per se without intervention of the user and/or the administrator, thereby saving network resources and improving the communication efficiency. Fig. 2

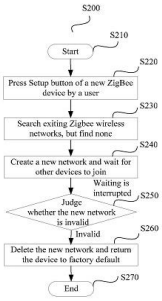

Figure 2

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2012

(21) Application No.3521/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELECTRIC MOTORCYCLE

(51) International classification :B62K
(31) Priority Document No :2011-186231
(32) Priority Date :29/08/2011
(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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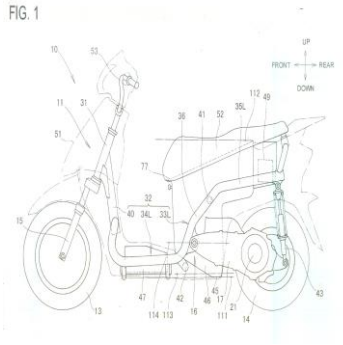
2)IWAKUMA, HIROMI
3)KAWASAKI, SHINJI

(57) Abstract :
[Object] To provide a technology of being able to provide a volume which can store an article such as a helmet and of being also able to set a height of a seat from the ground low, in an electric motorcycle. [Constitution] An electric motorcycle 10 includes a main frame 32 extending rearward from a headpipe 31, a pivot portion 16 provided at a rear portion of the main frame 32, a swing arm which is swingably connected to the pivot portion 16 and to which a rear wheel 14 is rotatably journaled, a seat 52 supported by seat rails 35L, 35R, and a storage box arranged under the seat 52. The storage box 46 is arranged at a position superposed on the pivot portion 16 with at least a portion thereof being adjacent to a lateral side of the swing arm 17. [Selected Drawing] Fig. 1



No. of Pages : 64 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2012

(21) Application No.3619/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR CONFIGURING A TRANSISTOR DEVICE USING RX TUCK

(51) International classification :H01L
(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 disclosure relates to methods and systems for designing and fabricating an integrated circuit. In particular a method includes electronically searching a virtual layout of an integrated circuit to locate a dummy polysilicon structure positioned between adjacent terminals of first and second MOSFET devices that are connected to different nodes of the integrated circuit. The method includes changing a configuration of the dummy polysilicon structure of the virtual layout to extend an active silicon region adjacent to the dummy polysilicon structure and to form an electrical connection between the dummy polysilicon structure and one of a supply voltage node and a ground node of the integrated circuit.

No. of Pages : 40 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012
(21) Application No.3108/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A POLYHERBAL FORMULATION FOR TREATING HEPATITIS

(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 :**
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(57) Abstract :
Presently the composition of a oral dosage formulation of polyherbal ingredients containing therapeutically effective quantities of each of the individual components, along with the method of preparation and which can be used to treat Hepatitis in humans and animals and with constipative and hypertensive biological effects is recited.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2012

(21) Application No.3191/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CLOCK GENERATOR AND METHOD OF GENERATING CLOCK SIGNAL

(51) International classification :H03B
(31) Priority Document No :61/582,708
(32) Priority Date :03/01/2012
(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)Chun-Ming Kuo
2)Wen-Chi Chao
3)Keng-Jan Hsiao
4)Song-Yu Yang
5)Chun-Chi Chen

(57) Abstract :
A clock generator utilized for providing a clock signal includes: a first oscillator and a switching circuit. The switching circuit is coupled to the first oscillator and a second oscillator and utilized for receiving a first oscillating signal generated from the first oscillator and a second oscillating signal generated from the second oscillator and selecting one of the first oscillating signal and the second oscillating signal as the clock signal according to a status signal.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2012

(21) Application No.3452/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DISASTER PREVENTION DEVICE

(51) International classification	:G01N33/0065, G08B17/117
(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)SU Ta-Tsun

(57) Abstract :
A disaster prevention device contains a detecting unit and a control unit. The detecting unit includes a single crystal microprocessor connecting with a temperature detector a gas detector a smoke detector a sound generator an automatic dialing circuit and a wireless transmitter circuit such that when a gas stove is not turned off to cause a continuous gas burning an abnormal temperature or smoke generates and the wireless transmitter circuit transmits a wireless signal. The ccontrol unit includes a wireless receiver circuit an electromagnetic valve connecting with the wireless receiver circuit and the electromagnetic valve having an air inlet coupled with a gas hose and an air outlet connected with a gas inlet hose of the gas stove such that after the wireless receiver circuit receives the wireless signal from the wireless transmitter circuit of the detecting unit the electromagnetic valve is driven to turn off gas.

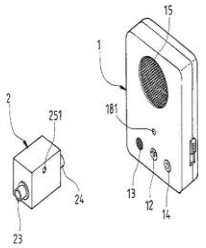

FIG.1

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2012

(21) Application No.3453/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELECTRONIC SELECTION OF A FIELD OF VIEW FROM A LARGER FIELD OF REGARD

(51) International classification :G02B7/00
(31) Priority Document No :61/526,512
(32) Priority Date :23/08/2011
(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)ALLISTER MCNEISH
2)WILL R. GRIGSBY

(57) Abstract :
An electronic vertical adjustment focal plane assembly for electronic selection of a field of view from a larger field of regard is disclosed. In one embodiment the electronic vertical adjustment focal plane assembly includes a lens assembly configured to focus radiation coming from an external field of view on to the focal plane assembly. Further the electronic vertical adjustment focal plane assembly includes a fixed focal plane assembly that is oversized to substantially cover an entire field of regard and configured to receive the focused radiation from the lens assembly and to output a signal. Furthermore the electronic vertical adjustment focal plane assembly includes a video controller electronically coupled to the signal from the fixed focal plane assembly and to generate an image based on an electronically selected desired elevational field of view. [Fig. 4]

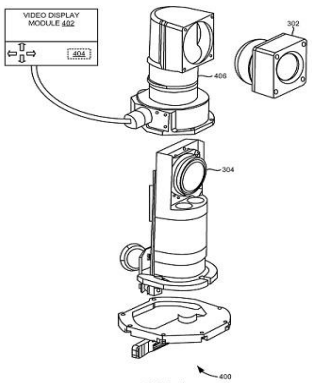

FIG. 4

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2012

(21) Application No.3644/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR DETERMINING BATTERY STATE-OF-HEALTH •

(51) International classification :G01R
(31) Priority Document No :61/533,519
(32) Priority Date :12/09/2011
(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)James R. BOND
2)Jeff DERMOTT
3)Eivind LISTERUD

(57) Abstract :
A system and method use an open-circuit voltage (OCV) method of calculating a state-of-health (SOH) of a chemical battery. The OCV system and method includes charging the battery to a maximum charge potential determining an open-circuit voltage (OCV) of the battery after waiting a predetermined period of time after completion of the charging and determining the SOH of the battery based on the determined OCV of the battery. Another system and method use a time-to-charge (TTC) method of calculating a state-of-health (SOH) of a chemical battery. The TTC system and method includes monitoring and storing a charge time of the battery in a memory and scaling the stored charge time to form an SOH indication.

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.3065/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SEMI-CYSTALLINE POLYOLEFIN COMPOSITION, METHOD OF PRODUCING THE SAME, AND ARTICLES MADE THEREFROM

(51) International classification :C08K
(31) Priority Document No :61/513,402
(32) Priority Date :29/07/2011
(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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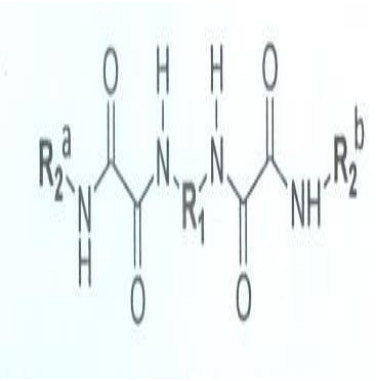
2)MARLIES C. TOTTE VAN'T WESTEINDE
3)DOROTHY KLASEN
4)JIAN-YANG CHO
5)YANNICK SAINT-GERARD

(57) Abstract :
A semi-crystalline polyolefin composition comprising: a thermoplastic crystallizable polyolefin; and one or more di-alkyl bis-oxalamide compounds having the formula: wherein R1 is a spacer group and each R2 is a peripheral group and wherein each of R1 and R2a and R2b is an independently selected hydrocarbyl group is provided. Also provided are a method for producing the semi-crystalline polyolefin composition and articles made therefrom.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3141/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A SHIFTER ASSEMBLY FOR CHANGING SPEED IN WORK VEHICLES

(51) International classification :F16H
(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)Mayilsamy Marudhachalam
2)Bharath Kumar Sivasankaran
3)Devakumara Raja Janarthanan
4)Cecil Robinson Phillips
5)Srinivasa Rao Veera Venkata Kadiam

(57) Abstract :
A shifter assembly for changing speeds of a power take-off transmission system used with off road vehicles. The shifter assembly includes a shifting rod having a first end operably coupled with a pair of fork arms to engage with a dog clutch disposed between a plurality of driven gear thereby to selectively engage driven gears as the shifting rod is operated to transfer engine power from a power take-off input shaft to a power take-off output shaft. Further the shifting rod includes a second end operably coupled with a first end of a shifting arm second end of the shifting arm is associated with a detent mechanism. The detent mechanism comprises a plate having plurality of depression on upper surface thereof adapted to engage with a plunger the plunger is incorporated at second end of the shifting arm against a spring force. Fig. 1

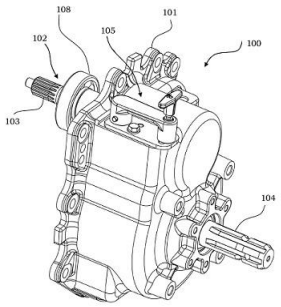

FIG. 1

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3142/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR REAL-TIME DETECTION IDENTIFICATION AND REPORTING OF MAC-SYNC FAILURES IN DISTRIBUTED TRUNKING

(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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(72)**Name of Inventor :**
1)MADHU PRASHANTH KANNAN
2)KALAIPONNI MUNISWAMY

(57) Abstract :
A system and method for real-time detection identification and reporting of mac-sync failures in distributed trunking (DT) are disclosed. In one example a mac-sync failure between a pair of communicatively coupled DT switches is detected in real-time. Further a type of mac-sync failure between the pair of DT switches is dynamically identified upon detecting the mac-sync failure. Furthermore an information technology (IT) admin is dynamically notified about the type of mac-sync failure between the pair of DT switches. [Fig. 1]

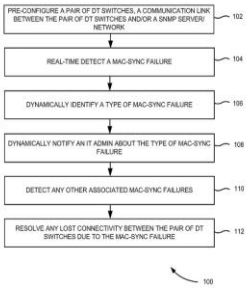

FIG. 1

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2012

(21) Application No.3675/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHODS AND APPARATUS FOR PUMPING FLUID

(51) International classification :H01L
(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)VIJISHA BHOOSHAN

(57) Abstract :
A self-contained, solar powered unit predominately used for pumping water. Basically, the preferred embodiment of this unit is an integrated combination which utilizes a solar collecting panel to generate electricity for powering a fluid pump that pumps fluid in to a reservoir tank. This unit is a simple, compact, and thus, highly portable while its operation is economical and require little maintenance. As the cost of solar photovoltaic modules decreases, they are becoming increasingly popular as a green alternative to conventional sources of energy in both on-grid and off-grid situations. Systems employing solar photovoltaic modules are especially useful in all locations with enough day solar lighting. Related art systems either use a DC powered direct current (DC) pump, or a battery charge controller and inverter to power an alternating current (AC) pump. Related art systems that operate without a battery use a linear current booster that maintains a constant current at the output, sacrificing voltage under varying levels of irradiance, which allows them to run a DC pump at varying speeds. DC pumps may or may not use brushed motors. Brushed DC pumps require regular maintenance and use carbon slip rings that must be replaced regularly. Brushless DC pumps require less maintenance, but need much more complex control logic.

No. of Pages : 6 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3113/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEMS AND METHODS OF UPDATING READ VOLTAGES •

(51) International classification :G05B
(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)Sateesh Desireddi
3)Jayaprakash Naradasi
4)Manuel Antonio d™Abreu

(57) Abstract :
A method includes in a data storage device that includes a non-volatile memory selecting an updated reference voltage as one of a reference voltage a first alternate reference voltage and a second alternate reference voltage. The first alternate reference voltage and the second alternate reference voltage are calculated based on the reference voltage and based on a voltage increment. Selection of the updated reference voltage is based on a comparison of error counts each error count associated with a unique one of the reference voltage the first alternate reference voltage and the second alternate reference voltage. The method includes resetting the reference voltage to the updated reference voltage resetting the voltage increment to a reset voltage increment that is smaller than the voltage increment and selecting an additional updated reference voltage based on the reset reference voltage and based on the reset voltage increment.

No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3114/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : System and method for delivering cloud based utility services

(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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1)Alok Singh
2)G. Vinod Kumar
3)Gowrisankar Radhakrishnan
4)Suresh K.
5)D. Rajkumar
6)Ragunathan R

(57) Abstract :
System and method for delivering cloud based utility services to a plurality of user devices associated with a user in a cloud based managed utility computing environment are provided. The system comprises a client side component having a client controller configured for receiving user profile applications content and type and characteristics of each of the user devices a user interface for accessing the user profile applications content and type and characteristics of each of the user devices and a native interface for interacting with at least one operating system of each of the user devices. The system further comprises a server side component configured for acquiring the user profile applications content and type and characteristics of each of the user devices. The server side component is configured for delivering the cloud based utility services based on the type and characteristics of each of the user devices associated with the user.

No. of Pages : 24 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2012

(21) Application No.3458/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INFRARED THERMOMETER - ERROR COMPENSATION AND FIELD OF VIEW CORRECTION

(51) International classification :G01K1/00
(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)SHRIDHAR HEGDE

(57) Abstract :
This invention relates to an infrared thermometer 10 used for measuring temperature of an object using infrared sensing. The thermometer 10 provides compensations for the inaccuracies introduced while taking measurements from a distance which is not a calibrated distance. The thermometer comprises a laser mechanism 202, an infrared sensing means 204, a digital camera 206 and a display 12. Also the thermometer comprises a drive mechanism. The thermometer projects a laser circle onto a surface of an object and also captures the image of the laser circle and displays it on the display. The thermometer also displays a fixed circle on the display. By analyzing the size of the captured circle, the thermometer determines whether the measurements were taken from a calibrated distance. If the measurements were not taken from a calibrated distance, the thermometer computes and applies compensation values for the measurements taken. Also the thermometer adjusts the orientation of the laser mechanism so that the field of view and the field of view of the IR sensing mechanism coincide at the surface of the object.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2012

(21) Application No.3731/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROCESSING OF IMAGES

(51) International classification :G06T
(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 :**
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2)Veldandi Muninder

(57) Abstract :
In accordance with an example embodiment a method apparatus and computer program product are provided. The method comprises extracting a set of image features from a first image and a corresponding set of image features from a second image. A first transformation matrix and a second transformation matrix are computed between the first image and the second image based on a matching of the set of image features in the first image with the corresponding set of image features in the second image. A first set of feature points is determined based on the first transformation matrix and a second set of feature points based on the second transformation matrix. A transformation matrix is estimated between the first set of feature points and the second set of feature points. The second image is aligned with the first image based on the transformation matrix. FIG. 3

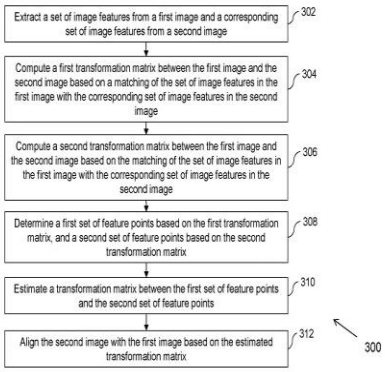

FIGURE 3

No. of Pages : 51 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3088/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SPACE ERROR PARAMETER FOR 3D BUILDINGS AND TERRAIN

(51) International classification :G06T
(31) Priority Document No :EP 11006316.1
(32) Priority Date :01/08/2011
(33) Name of priority country :EPO
(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)PRYAKHIN DR. ALEXEY
3)KLECIAK MAREK STRASSENBURG
4)FELDBAUER THOMAS
5)IVANOV VLADIMIR

(57) Abstract :
A method for visualization of 3D objects and/or 3D terrain using a mobile device having a display and a range metering device, comprising visualizing the 3D objects and/or the 3D terrain based upon their respective distances from the mobile device and based upon a respective parameter measuring the detailedness of the 3D object and/or the 3D terrain. (FIG: 1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2012
(21) Application No.3165/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DATA COMMUNICATION USING A CLASSIFIED FLOW TABLE IN OPENFLOW NETWORKS

(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)RANGAPRASAD SAMPATH

(57) Abstract :
A system and method for data communication in OpenFlow networks are disclosed. In one example each flow entry in a flow table in an OpenFlow switch of a network device is classified as an active flow entry or an inactive flow entry upon detecting a change in a system state event or when a new flow entry is programmed by an OpenFlow controller in the OpenFlow network. Further each incoming packet is matched against each active flow entry in the flow table by the OpenFlow switch until a matching active flow entry is found. Furthermore each incoming packet is forwarded from the OpenFlow switch based on the found matching active flow entry in the flow table. [FIG. 5]

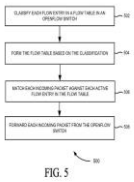

FIG. 5

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2012

(21) Application No.3427/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CATALYST EARLY WARM-UP CONTROL DEVICE OF INTERNAL-COMBUSTION ENGINE •

(51) Internation l classification	:F02P5/00, F02D41/00	(71)**Name of Applicant :** **1)SUZUKI MOTOR CORPORATION** Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-Ken Japan Japan
(31) Priority Document No	:2011-210538	
(32) Priority Date	:27/09/2011	(72)**Name of Inventor :** **1)Kazumasa SUEHIRO**
(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	

(57) Abstract :
Ignition retardation control conditions for ignition retardation control in an internal-combustion engine that uses multiple types of fuel are more accurately determined. Reference values for post-startup time, engine water temperature, intake air temperature, air pressure, and ignition timing are set based on the nature of fuel used. Whether ignition retardation control conditions are satisfied is determined by a post-startup time determination unit 101, an engine water temperature determination unit 102, an intake air temperature determination unit 103, an air pressure determination unit 104, and an ignition timing determination unit 105, respectively, through comparison between the reference values for the fuel identified as currently being used and the corresponding reference values. When ignition retardation control conditions are satisfied, an ignition retardation control unit 108 then performs ignition retardation control in accordance with the nature of the fuel currently used.

No. of Pages : 53 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/09/2012

(21) Application No.3707/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : WATER WHEEL APPARATUS FOR AQUACULTURE

(51) International classification :A01K
(31) Priority Document No :100217267
(32) Priority Date :15/09/2011
(33) Name of priority country :Taiwan
(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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(57) Abstract :
A water wheel apparatus for aquaculture includes a rectangular containing member; three filter assemblies in three of four corners of the containing member respectively each filter assembly including a main filter and biological filters; a pump in the remaining one corner of the containing member and including an inlet tube in fluid communication with water; a water wheel in the containing member and including an impeller including a hub arms secured to the hub blades each depending downward from the arm into water a drive source secured to the hub a blower powered by the drive source two opposite hollow cylinders secured to the hub and a rectangular tube being in fluid communication with the blower via the hollow cylinders the tube including orifices under water; three pipes for connecting the pump to the filter assemblies sequentially; and an outlet at the third filter assembly.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2012

(21) Application No.3896/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AUTOMATIC THREAD CUTTING DEVICE OF OVERLOCK STITCH SEWING MACHINE •

(51) International classification :D05B
(31) Priority Document No :100138256
(32) Priority Date :21/10/2011
(33) Name of priority country :Taiwan
(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)KU FEILUNG

(57) Abstract :
An automatic thread cutting device of an overlock stitch sewing machine is revealed. A suction pipe is disposed on one side of a cutlery working end of a thread cutting set and is connected to a pneumatic control device. The thread cutting set is driven by an independent power source to perform a shearing action. The structure of driving components is simple so that the component failure rate is reduced and noise generated is lowered. A blow pipe is arranged at the other side of the cutlery working end of the thread cutting set and is connected to a pneumatic control device. By the pneumatic control device the suction pipe and the blow pipe a suction force and a blowing force are generated at the cutlery working end so as to send sewing threads into the cutlery working end to be cut off.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2012

(21) Application No.3569/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AIR BREATHER STRUCTURE IN TRANSMISSION •

(51) International classification :F16H
(31) Priority Document No :2011-193766
(32) Priority Date :06/09/20 1
(33) Name of priority country :China
(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)Yuichi SATO

(57) Abstract :
An air breather structure in a transmission provides less layout restrictions. A vertically long high capacity breather space is provided by arranging an oil gutter 2 in an upper portion of the interior of a transmission case 1 integrally forming a breather chamber 6 with the oil gutter 2 under an air vent 4 and forming a communicating portion 7 under the breather chamber 6. The transmission case 1 is formed with a pair of protrusions 9 on both sides of the air vent 4. Between the protrusions 9 is the top end of the breather chamber 6. With the protrusions 9 lubricating oil flowing along the ceiling wall 3 falls. The communicating portion 7 is formed with ribs 8 protruding inwards alternately one by one from its inner surface so as to let the air meander the passage.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2012

(21) Application No.3672/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A FLUID COOLED THERMAL MANAGEMENT TECHNIQUE FOR A HIGH-DENSITY COMPOSITE FOCAL PLANE ARRAY

(51) International classification :C07D
(31) Priority Document No :61/532,279
(32) Priority Date :08/09/2011
(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)GERARD A. ESPOSITO
2)DENNIS P. BOWLER

(57) Abstract :
A fluid cooled thermal management technique for a high-density composite focal plane array (CPFA) is disclosed. In one embodiment a high density CFPA assembly includes a plurality of imaging dies mounted on a front surface of a printed wiring board (PWB) and a base plate. The base plate has a substantially matched coefficient of thermal expansion (CTE) to that of the high density CFPA. Further the high density CFPA is disposed on a front side of the base plate. Furthermore the base plate has a plurality of integral serpentine fluid flow channels configured to receive and circulate fluid and further configured such that the heat generated by the CFPA is transferred via conduction into the base plate and to the integral serpentine fluid flow channels and to the circulating fluid to dissipate the generated heat. [FIG. 1]

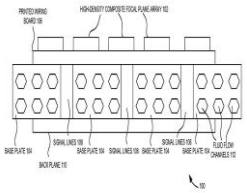

FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.3860/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INTERNAL COMBUSTION ENGINE •

(51) International classification :F01L
(31) Priority Document No :2011-210898
(32) Priority Date :27/09/2011
(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

(71)**Name of Applicant :**
1)SUZUKI MOTOR CORPORATION
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(72)**Name of Inventor :**
1)Hiroaki INOUE

(57) Abstract :
There is provided efficient compression auto-ignition combustion over intermediate load range extended towards a low and high load range. An internal combustion engine enables compression auto-ignition combustion by securing a so-called sealed duration created by negative valve overlap. It includes a cylinder head a cylinder a piston in the cylinder having a top coupled to the cylinder head a combustion chamber between an inner surface of a cylinder head and a top of the piston and intake and exhaust valves. Two intake valves are arranged per each combustion chamber and made to differ in valve lift.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.3955/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DECENTRALIZED CLOUD WORKFLOWS

(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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1)SAURABH CHANDRA
2)VENKAT SUNDER RAMAN RANGASAMUDRAM KOMALEESWARAN

(57) Abstract :
Technologies related to decentralized cloud workflows are generally described. In some examples client applications may generate workflow packages. The workflow packages may be used to access multiple network services such that client applications need not communicate with intermediate network services in a network service workflow. A client application may send a workflow package to a first network service in the network service workflow. The first network service may process instructions in the workflow package store transaction results and forward the workflow package to a next network service. Each intermediate network service may similarly process instructions store transaction results and forward the workflow package. Ultimately a last network service in the network service workflow may send workflow completion information to the client application.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.3063/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : RECLOSABLE PACKAGING USING A LOW-TACK ADHESIVE FASTENER

(51) International classification :B65D
(31) Priority Document No :13/192,861
(32) Priority Date :28/07/2011
(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)TERENCE EDWARD ISHAM
3)PAUL EDWARD DOLL

(57) Abstract :
A flexible film package having an adhesive based reclosabte fastener having a flexible film substrate forming a plurality of package walls sealed to form an interior cavity for receiving a product; the plurality of walls having at least two opposing flexible walls; a package mouth, Initially sealed, to permit access to the interior cavity; a low tack pressure sensitive adhesive (LTPSA) layer disposed on each of an exterior surface of the parallel walls, the LTPSA sized and oriented in positions to oppose one another at a plurality of positions when the package is reclosed to allow progressively decreased size of the interior cavity as product is removed; and wherein a bond strength of the LTPSA to the flexible film substrate is greater than an adhesion between LTPSA areas. The mouth can be formed by a peelable seal or by a defined area of weakness.

No. of Pages : 46 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.3064/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ENGINE-DRIVEN WORKING MACHINE

(51) International classification :B62K
(31) Priority Document No :2011-167852
(32) Priority Date :30/07/2011
(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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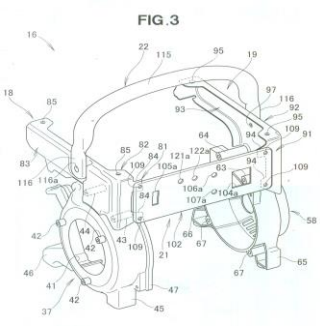
2)TAKESHI SASAJIMA
3)KAZUKI SHIMOZONO
4)CHISAKO TAKAHASHI
5)RYUJI TSURU
6)HIROSHI KOYAMA

(57) Abstract :
An engine-driven working machine includes: an engine as a drive source; a working section to be driven by the engine! and a framework connected to the engine and the working section, the framework including: a fuel tank for storing fuel to be supplied to the engine; left and right side frames provided on opposite sides of the fuel tank; and a control panel connected to the left and right side frames. A carry handle for carrying a machine body, including the engine, the working section, the fuel tank and the control panel, is mounted to the left and right side frames. (Figure 3)



No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2012

(21) Application No.3592/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR SMART FIRST ATTEMPT DOWNLOAD FOR PUSH EMAIL SERVICE

(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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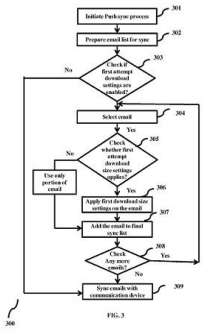
(72)**Name of Inventor :**
1)Srikantha Pai Belle
2)Tirthadeep Gupta
3)Mahadeva

(57) Abstract :
A method and system for email sync between server and a communication device based on certain criteria with download size is disclosed. The method discloses a mechanism in which user can selectively mention the first attempt download size based on the criteria. The method enables user to assign priority to these criteria and the server further evaluates the email and sync with the communication device. The server provides the user interface or protocol based interface for user to enable disable and configure the criteria in the server. Once this setting is enabled the server will apply these criteria on every email message which will be synched with the communication device. The method enables the user to have more control over the emails which are synched to communication device. The method saves bandwidth by controlling the download of unnecessary content in email and saves battery power of communication device. FIG. 3



No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/09/2012

(21) Application No.3688/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DEFORMABLE FOCAL PLANE ARRAY

(51) International classification :H01L
(31) Priority Document No :61/532,641
(32) Priority Date :09/09/2011
(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)DENNIS P. BOWLER
2)RAYMOND J. SILVA
3)GERARD A. ESPOSITO

(57) Abstract :
A deformable focal plane array (DFPA) for imaging systems is disclosed. In one embodiment the DFPA includes a detection circuitry on one side. For example the thickness of the DFPA is in a range of about 5 to 40 microns. In one exemplary embodiment the DFPA when warped to a desired shape provides a substantially wider field of view (FOV) than a flat focal plane array (FPA). [Fig. 1]

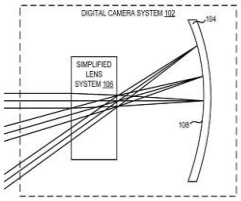

FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.3964/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR SWITCHING AND SYNCHRONIZING GRANT INTERVALS IN ADAPTIVE GRANT AND POLLING SERVICE

(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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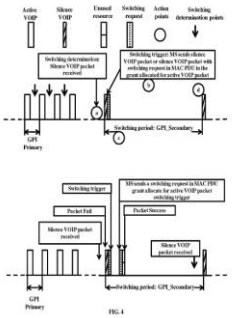
(72)**Name of Inventor :**
1)Anil Agiwal

(57) Abstract :
A method and system for reducing the wastage of resources and switching delay in adaptive grant polling service is disclosed. The method provides grant interval synchronization for reducing the wastage of resources. The method allows resending of the switching request to the base station based on the grants received from the base station. The base station switches to the silence mode of operation and provides grants to the mobile station according to the secondary QoS parameters defined in the adaptive grant polling service after receiving silence VoIP packet from the mobile station. The method provides a hybrid of implicit and explicit switching by sending the first switching request using implicit switching and resending of the switching request in a switching period using explicit switching request. The method reduces additional overhead and complexity. FIG. 4



No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.3227/CHE/2012 A
(19) INDIA
(22) Date of filing of Application :07/08/2012
(43) Publication Date : 15/04/2016

(54) Title of the invention : KNOCK CONTROL SYSTEM FOR ENGINE •

(51) International classification :F02P
(31) Priority Document No :2011-207228
(32) Priority Date :22/09/2011
(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 :**
1)Hitoshi KITAZUMI
2)Shigeru OGASAWARA

(57) Abstract :
The invention achieves stabilization of an ignition timing in both steady and transition states. Whether knock has occurred is detected based on a signal from a knock sensor (S6). The ignition timing is retarded when knock has occurred (S7) and the ignition timing is advanced when no knock has occurred (S12). After knock is detected and the ignition timing is retarded, a sensitivity of knock control is reduced for a predetermined response delay time (S4, S5) to prevent excessive retard. Moreover, after the ignition timing is advanced when no knock has occurred, advance of ignition timing is prohibited for the predetermined response delay time (Sll). After the knock is detected and the ignition timing is retarded in a predetermined learning condition, learning of response delay time of knock level in response to the ignition timing change is performed with the ignition timing temporarily maintained at the retarded ignition timing (S3, S14 to S17).

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2012

(21) Application No.3419/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HEARTH ROLL HAVING HIGH MN BUILD-UP RESISTANCE

(51) International classification :B32B3/00
(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)SHIGEMITSU Tatsuhiro
2)YASUOKA Junichi

(57) Abstract :
Provided is a hearth roll having high resistance to build-up of Mn-based materials. The roll includes a thermally sprayed coating formed on the surface thereof. The coating includes a nitride of one element selected from the group consisting of Ti, Nb, Ta, Cr, and Fe, an oxide of one element selected from the group consisting of Y, Ce, Nd, Al, and Cr or a multiple oxide of two or more of the elements, and a matrix material composed of one or two or more of refractory metals usable at 900°C or higher. In the roll, the following expressions are satisfied: 3% by volume ≤ X1 ≤ 50% by volume; 3% by volume ≤ X2 ≤ 50% by volume; and 40% by volume ≤ X1 + X2 ≤ 80% by volume.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/09/2012

(21) Application No.3696/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AUTO RECORD IPTV CONTENT DURING POWER OUTAGE

(51) International classification :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

(71)**Name of Applicant :**
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Address of Applicant :3 avenue Octave Greard 75007 Paris France France
(72)**Name of Inventor :**
1)Karthick Rajapandiyan
2)Sivarajan Govindaraju

(57) Abstract :
The embodiments herein relate to Internet Protocol Television (IPTV) and more particularly to auto recording IPTV contents during power outage. A residential gateway detects power outage condition and sends a dying gasp signal to a digital subscriber line access multiplexer (DSLAM). Upon receiving the dying gasp signal from that particular residential gateway the DSLAM checks whether user of that particular gateway has subscribed for a record during power outage • service or not. If the user has subscribed for the service then the DSLAM detects the program being watched by the user during the power outage and records that particular program. The DSLAM may also record programs during AC power outage that are pre-configured by the user to record only at the set-top box even though the user is not watching the program in air. FIG. 3

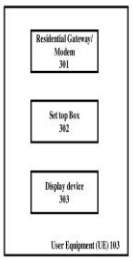

Fig 3

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012

(21) Application No.3980/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DISC BRAKE APPARATUS

(51) International classification :F16D
(31) Priority Document No :2011-212414
(32) Priority Date :28/09/2011
(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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1)Hirokazu YOSHIDA

(57) Abstract :
There is provided a disc brake apparatus including a support, a caliper including a claw portion and an outer brake pad loosely fitted to the claw portion. The support includes a pair of inner torque receiving portions, an inner bridge portion, a pair of rotor pass portions and a pair of outer torque receiving portions. The rotor pass portions respectively protrude from the pair of inner torque receiving portions in an axial direction of a rotor so as to over the rotor. The outer torque receiving portions receive braking torque applied by the outer brake pad at distal end parts of the rotor pass portions. A width between the pair of outer torque receiving portions and a width of the outer brake pad in a circumferential direction of the rotor are determined so that a gap in the circumferential direction between the outer brake pad loosely fitted and the claw portion is larger than a gap defined between the outer brake pad and the outer torque receiving portions.

No. of Pages : 91 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2010

(21) Application No.1442/CHE/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SOLID DOSAGE FORMS OF ANTIPSYCHOTICS

(51) International classification	:A61K 9/00
(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 :
NA

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2012

(21) Application No.3247/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CUTTING INSERT AND CLAMPING ELEMENT FOR A CUTTING TOOL

(51) International classification :B23C
(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)SHARATH SHANKARE GOWDA
3)VISWESWARA RAO K
4)PREM KUMAR

(57) Abstract :
A cutting insert (30) and a clamping element (50) for clamping the cutting insert (30) in a pocket (16) of a cutting tool (10). The cutting insert (30) includes a polygonal body (31) a top surface (32) a bottom surface (34) a plurality of side surfaces (36) a rake surface (44) extending inwardly from a cutting edge (40) and a plurality of seating surfaces (46) adjacent the rake surface (44) that are separated by a groove (48). The clamping element (50) includes a rail member (60) protruding from a bottom surface (54) and extending at least partially from a side surface (56 58). The groove (48) of the cutting insert (30) is capable of receiving the rail member (60) of the clamping element (50) for clamping the cutting insert (30) in the pocket (16) of the cutting tool (10). Fig. 2

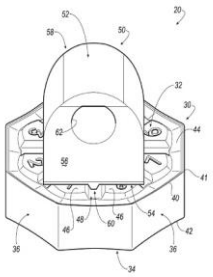

FIG. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.3338/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FOOD PROCESSOR

(51) International classification :A47J43/00
(31) Priority Document No :61/525321
(32) Priority Date :19/08/2011
(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)TRIVELLOR THATTAI VARADARAJAN

(57) Abstract :
A food processor (200) comprising an electric motor (210) coupled with a spindle (402) configured to rotate a base member of a jar; the base member being adapted to receive one or more blades for processing food placed in the jar is disclosed. The electric motor (210) is mounted on a reinforcement frame (202) and a body (204 206 208) houses the reinforcement frame (202) enabling direct load transfer of the electric motor (210) to the surface on which the food processor is placed and thereby reduce the vibration transferred to the body (204 206 208) when the food processor is in operation. Fig. 3

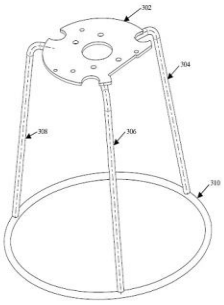

FIG. 3

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/09/2012

(21) Application No.3719/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND SYSTEM TO FACILITATE INTEROPERABILITY OF APPLICATIONS IN A DEVICE

(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)SAMSUNG INDIA SOFTWARE OPERATIONS PVT LTD
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(72)**Name of Inventor :**
1)Samrat Subhash Nawle
2)Neha Vijay Bharshankar
3)Prakash Bhagavathi
4)Ranjith Tharayil

(57) Abstract :
A method and system that allows users to link or connect one or more applications with a current application to facilitate interoperability is disclosed. The edges of the joined applications are chained to each other by means of a tie icon. A smart task manager feature is invoked on a single press of a button on the touch screen device. The method allows a user to provide a multi-touch input to drag/pan screen from top to bottom and right and left. Further, the method allows the user to quickly switch between tied applications. Also user can swap/reorder the tied applications. The method also provides options to delink the applications. FIG. 2

FIG. 2

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2012

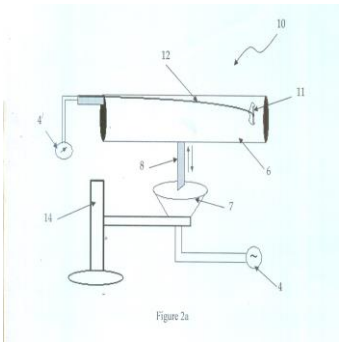
(21) Application No.3906/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN ACCELEROMETER

(51) International classification :B82Y
(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 :466/MAS/2001/197946
Filed on :13/06/2001
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF SCIENCE
Address of Applicant :BANGALORE 560 012 Karnataka India
(72)**Name of Inventor :**
1)AJAY KUMAR SOOD
2)ANINDYA DAS
3)SHANKAR GHOSH

(57) Abstract :
Disclosed herein is an accelerometer comprising an acceleration sensor (11) comprising an acceleration sensor (11) comprising at least one carbon nanotube (1) placed between two electrodes (2, 2) a solid deflectable arm (12) connected to the acceleration sensor (10), wherein the solid deflectable arm (12) and the acceleration sensor (10) is housed in a sealed cylindrical chamber (6) containing liquid; and electrical connections (3, 3) taken out from the acceleration sensor (10) to measure electrical signals developed across the carbon nanotubes (1) to measure acceleration. Figure 2a



No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2012

(21) Application No.4007/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MODEL CENTRIC DATA EXTRACTION

(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)ABB TECHNOLOGY LTD
Address of Applicant :AFFOLTERNSTRASSE 44 CH-8050 ZURICH SWITZERLAND Switzerland
(72)**Name of Inventor :**
1)PARAS KUMAR RANKA

(57) Abstract :
The present invention provides a method for extracting data required for data analysis. The method of the invention comprises configuring model information in the recipe. Creating draft model information by extending or annotating the recipe with the extended lab results and extracting data required by employing the said model information or the said draft model information or both. The invention also provides a system for extracting data required for data analysis and for retraining the model. Figure. 1

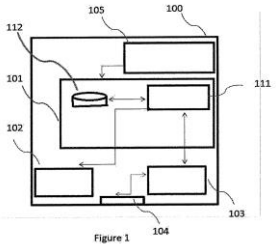


Figure 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3116/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SOURCE DISCOVERY FOR NON-FLOODING MULTICAST USING OPENFLOW

(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)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
Address of Applicant :11445 Compaq Center Drive West Houston TX 77070 USA U.S.A.
(72)**Name of Inventor :**
1)Madhu Prashanth Kannan

(57) Abstract :
Provided is a method of source discovery for non flooding multicast using OpenFlow. A data packet is received from a source address on a network device. The data packet is routed from the network device to an OpenFlow controller. The OpenFlow controller identifies a rendezvous point (RP) of the network device maps a random address to the source address in a port used for connecting with the rendezvous point (RP) generates a flow message containing a rule for handling the data packet transmits the flow message to the network device and adds a flow entry in the network device based on the rule for handling the data packet. [Fig. 3]

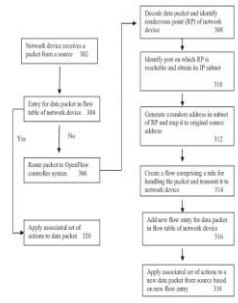


FIG. 3

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3117/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROCESSING OF MULTIMEDIA CONTENT

(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)NOKIA CORPORATION
Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland Finland
(72)**Name of Inventor :**
1)Basavaraja S V
2)Mithun Uliyar
3)Gururaj Putraya

(57) Abstract :
In accordance with an example embodiment a method, apparatus and computer program product are provided. The method comprises receiving a first image of a scene, the first image comprising angular information associated with the scene. The first image has a first image resolution. A second image of the scene is received. The second image has a second image resolution, wherein the second image resolution is greater than the first image resolution. A pre-processed first image is generated based on the angular information and a selection of a first region of interest (ROI) in the first image. A processed first image of the scene is generated based on a processing of a second ROI in the pre-processed first image corresponding to the first ROI in the first image, and the second image. The processing is configured to render the second image resolution to the second ROI in the pre-processed first image. FIGURE 7

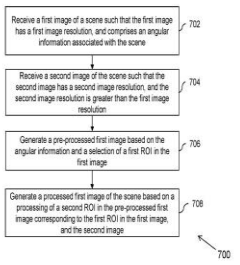


FIGURE 7

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.3374/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR LOCATION-BASED HEALTHCARE SERVICES

(51) International classification :A61B5/00
(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)HONEYWELL INTERNATIONAL INC.
Address of Applicant :Patent Services Group 101 Columbia Road AB-2B P. O. Box 2245 MORRISTOWN NJ 07962-2245 U.S.A.
(72)**Name of Inventor :**
1)NAIR Manoj Thankappan
2)BRACKETT Cameron
3)THATHA Sudeesh
4)JOHN Shyju
5)RAVI Vigneshwari
6)KANNAMKATTIL Som Appu
7)SAAR Daniel

(57) Abstract :
A health-parameters acquisition (HPA) device (104) for providing location-based mobile healthcare services is described herein according to an embodiment. The HPA device (104) can include a processor (114) and a patient identifier list (PIL) generation module (120) coupled to the processor (114). The PIL module (120) can be configured to transmit a synchronization request to a health record system (102). Further the PIL module (120) can obtain a patient identifier list in response to transmission of the synchronization request to the health record system (102). Additionally the PIL module (120) can render the patient identifier list on a display unit (113) for providing the location-based mobile healthcare services wherein the patient identifier list is based on a current location of the HPA device (104) transmitted by the PIL module (120).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2012

(21) Application No.3645/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HIGH RATE AND ENERGY CATHODE MATERIAL FOR LITHIUM BATTERIES •

(51) International classification :H01M
(31) Priority Document No :61/532,386
(32) Priority Date :08/09/2011
(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 :**
1)EAGLEPICHER TECHNOLOGIES LLC
Address of Applicant :C and Porter Streets Joplin Missouri 64801 United States of America U.S.A.
(72)**Name of Inventor :**
1)Ernest NDZEBET
2)Joshua DEAN
3)Mario DESTEPHEN
4)Umamaheswari JANAKIRAMAN
5)Gregory MILLER
6)Min Qi YANG

(57) Abstract :
A cathode material suitable for use in non-aqueous electrochemical cells that includes copper manganese vanadium oxide and optionally fluorinated carbon. A non-aqueous electrochemical cell comprising such a cathode material and a non-aqueous electrochemical cell that additionally includes a lithium anode.

No. of Pages : 24 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012

(21) Application No.4024/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD OF MEASUREMENT OF WIDTH OF TAPERED GROOVE AT THE ROOT OF THE BLADES IN A STEAM TURBINE

(51) International classification :F01D
(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)Triveni Turbine Limited
Address of Applicant :12A Peenya Industrial Area Bangalore. Karnataka India
(72)**Name of Inventor :**
1)Shylesh Hebbar

(57) Abstract :
A method of measurement of width of tapered groove at the root of the blades in a steam turbine is disclosed as shown in figure 6 wherein the problem of measuring the width of tapered groove at the root of the blades accurately is eliminated by placing a steel ball in the tapered groove and bringing a relationship between the height of the steel ball above the tapered groove and width of the tapered groove. As a result the blades conforming to the desired width of the tapered groove can be accepted easily the blades having less width than the desired width of the tapered groove can be sent to rework easily and the blades having greater width than the desired width of the tapered groove can be rejected easily.

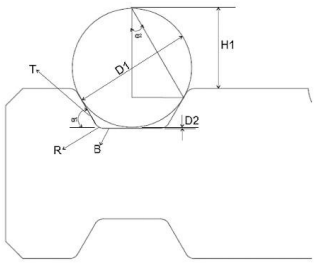


Figure 6

No. of Pages : 17 No. of Claims : 12

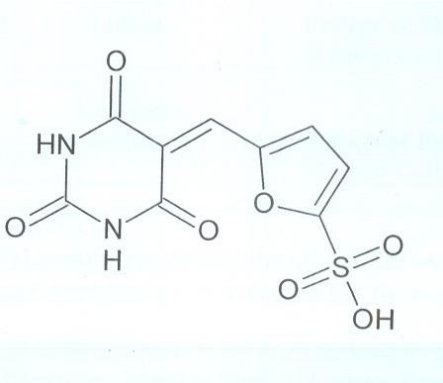
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3122/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A NOVEL 5-[(2,4,6,-TRIOXOTETRAHYDROPYRIMIDIN-5(2H)-YLIDENE)METHYL] - FURAN-2-SULFONIC ACID COMPOUND IN TUBERCULAR THERAPY

(51) International classification	:C07D	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)A. JERAD SURESH**
(32) Priority Date	:NA	Address of Applicant :COLLEGE OF PHARMACY,
(33) Name of priority country	:NA	MADRAS MEDICAL COLLEGE, CHENNAI - 3 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	**2)A. MANIKANDAN**
(87) International Publication No	: NA	(72)**Name of Inventor :**
(61) Patent of Addition to Application Number	:NA	**1)A. JERAD SURESH**
Filing Date	:NA	**2)A. MANIKANDAN**
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention relates to new chemical moiety - A Barbituric acid derivative with anti-tubercular activity. Chemical structure IUPAC 5-[(2, 4, 6-trioxotetrahydropyrimidin-5(2//)-ylidene) methyl] furan-2-sulfonic acid.



No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3123/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR FUNCTIONAL TEST CASE GENERATION OF END-TO-END BUSINESS PROCESS MODELS

(51) International classification	:G06F	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)INFOSYS LIMITED**
(32) Priority Date	:NA	Address of Applicant :CELL, PLOT NO.44, ELECTRONIC
(33) Name of priority country	:NA	CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)ANJANEYULU PASALA**
(87) International Publication No	: NA	**2)SHARAL NISHA DSOUZA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A system, medium and method for testing an end-to-end software application is disclosed. A structured business process model (BPM) representative of a set of business requirements for an end-to-end software application to be tested is first generated. The generated structured BPM is validated in association with one or more validation rules. A functional flow layout representative of a node structure embodying all possible scenarios to be handled by the software application is then generated. A plurality of functional flow paths is identified from the functional flow layout, wherein each functional flow path is associated with one or more corresponding scenarios of the possible scenarios. One or more test cases for each identified functional flow path is then generated. REF FIG: 1

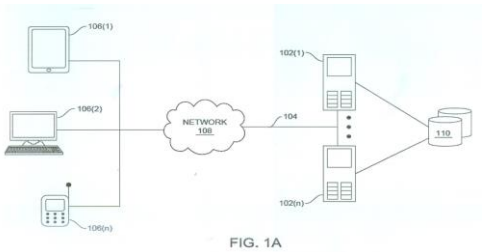


FIG. 1A

No. of Pages : 50 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.3386/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A RUST PREVENTIVE COATING COMPOSITION

(51) International classification :C08L63/00
(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)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(72)**Name of Inventor :**
1)MADHUP, MUKESH KUMAR

(57) Abstract :
The present invention relates to a single pack epoxy resin based rust preventive coating composition having dual nature comprising a high molecular weight modified diglycidyl ether bisphenol A epoxy resin, a butylated urea formaldehyde resin, a low molecular weight unmodified diglycidyl ether bisphenol A based epoxy resin and a solvent, behaving as thermoplastic or thermosetting depending on different temperature exposure condition during application and use. This composition is useful in temporary metal surface protection.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2012

(21) Application No.3566/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING PATIENT DATA STORAGE AND RETRIEVAL IN HEALTH CARE SET UPS

(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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Address of Applicant :Plot No 24 Achuta Cooperative Society Road No 10 Banjara Hills Hyderabad 500033 Andhra Pradesh India
(72)**Name of Inventor :**
1)Subbaraju Venkat K

(57) Abstract :
Disclosed are systems and methods for providing patient data storage and retrieval in healthcare setups. The system (100) includes a plurality of smart data storing cards (10) capable of storing data related to patients. Each smart card includes at least one memory capable of storing characteristic data and multimedia rich data corresponding to a patient. Further the smart card has an authentication module (20) adapted to store an authenticating signature. The signature is adapted to ensure authorized access to the data stored in the memory thereby securing the data stored in the each of the smart card. Further the system includes an application module capable of communicating with the smart card and an application server (30) having a database. The application server receives the data stored on the smart data storing cards stores the data in the database and retrieves the data stored in the database if needed. Fig. 2

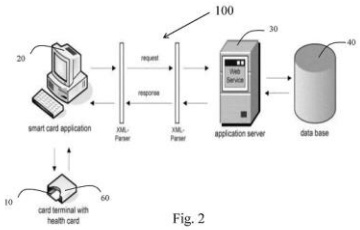


Fig. 2

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012

(21) Application No.4038/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : QR CODE UTILIZATION IN SELF-REGISTRATION IN A NETWORK

(51) International classification :G07C
(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)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
Address of Applicant :11445 Compaq Center Drive West Houston TX 77070 United States of America U.S.A.
(72)**Name of Inventor :**
1)SARO CHANDRA BHOOSHAN

(57) Abstract :
A user device may be self-registered in a network. A Quick Response (QR) code may be generated and provided to a user device. The QR code may have encoded thereon a credential of a user of a user device. The credential in the QR code may facilitate a device to be self-registered in a network. [FIG. 1]

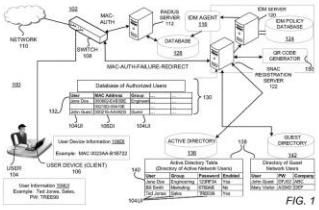


FIG. 1

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2012

(21) Application No.3597/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SEAL ASSEMBLING METHOD OF MASTER CYLINDER AND SEAL ASSEMBLING APPARATUS

(51) International classification	:B60T	(71)**Name of Applicant :**
(31) Priority Document No	:2011-190106	**1)HITACHI AUTOMOTIVE SYSTEMS LTD.**
(32) Priority Date	:31/08/2011	Address of Applicant :2520 Takaba Hitachinaka-shi Ibaraki 312-8503 Japan
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)YAMANAKA Masatake**
Filing Date	:NA	**2)HOSAKA Hideki**
(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 :
A seal assembling method of a master cylinder for assembling a cup seal (2) for sealing a piston slidably moving in a bottomed-tubular cylinder main body (1) to a seal groove (16) formed in the cylinder main body (1) in an annular shape includes inserting the cup seal (2) into the cylinder main body (1) while inclining the cup seal (2) with respect to an axial direction of the cylinder main body (1) and assembling the cup seal (2) to the seal groove (16) by moving the cup seal (2) to the seal groove (16) in a state that a position of a center cored bar tool (62) for defining an insertion limit of the cup seal with respect to the cylinder main body (1) is aligned with the seal groove (16).

No. of Pages : 73 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2012

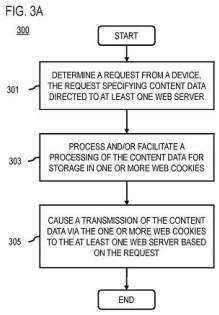
(21) Application No.3598/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND APPARATUS FOR ENABLING OFFLINE WEB APPLICATION EXECUTION

(51) International classification :H04L
(31) Priority Document No :13/224905
(32) Priority Date :02/09/2011
(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 :**
1)NOKIA TECHNOLOGIES O
Address of Applicant :Karaportti 3, FI-02610 Espoo, Finland. Finland
(72)**Name of Inventor :**
1)Yan Fu

(57) Abstract :
An approach is provided for providing client-side caching of content using one or more web cookies. A data caching module determines a request from a device for specifying content data directed to at least one web server at least one storage destination or a combination thereof. The data caching module processes the content data for storage in one or more web cookies then causes transmission of the content data via the one or more web cookies to the at least one web server the at least one storage destination or a combination thereof based on the request. Fig. 3A



No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/09/2012

(21) Application No.3691/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MULTI FIELD OF VIEW IMAGING SYSTEM

(51) International classification :H04N
(31) Priority Document No :61/532,699
(32) Priority Date :09/09/2011
(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)STEVEN J. WEIN
3)DAVID J. KORWAN
4)JAMES D. TARGOVE
5)GERARD M. PERRON

(57) Abstract :
A multi field of view (FOV) imaging system is disclosed. In one embodiment a dual FOV imaging system includes a composite lens array including a first lens set positioned to focus a first type of FOV and a second lens set positioned to focus a second type of FOV and a composite focal plane array (FPA) including multiple focal plane arrays (FPAs). Further the composite FPA is disposed at the first type of FOV and the second type of FOV for producing a seamless mosaic dual FOV image of a target region. [FIG. 1]

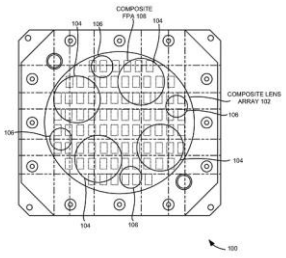

FIG. 1

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2012

(21) Application No.3789/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ZINC-ESSENTIAL FOR FLORA AND FAUNA

(51) International classification :C07C
(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)S. SUNDARESAN

(57) Abstract :
The present invention relates to a chelated fertilizer composition for enriching Zinc and Phosphorus content in agriculture/horticulture crops and plants through foliar application. The chelated fertilizer composition can be prepared using compounds comprising (a) Na2 HEDP and ZnS04.H20 (Zinc sulphate monohydrate) and (b) Na2 HEDP and ZnO (Zinc Oxide). The chelation of Zn by Na2 HEDP using ZnS04.H20 developed 17% Zn-HEDP and 21% Phosphorus pentoxide (P205) and chelation of Zn by Na2 HEDP using ZnO developed 21% Zn-HEDP and 26% P205. The chelated fertilizer composition obtained is in powder form and is 100% water-soluble concentrate. The chelated fertilizer composition can be used to cure Zinc and Phosphorus deficiency in crops and plants, increase yield with more Zinc and Phosphorus content, thus reducing the risk of Zinc and Phosphorus deficiency in humans.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2012

(21) Application No.7531/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CAPSULE OF COMPOUND DANSHEN DRIPPING PILLS

(51) International classification :A61K
(31) Priority Document No :201010112014.4
(32) Priority Date :23/02/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/071050
Filing Date :17/02/2011
(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)TASLY PHARMACEUTICAL GROUP CO. LTD.
Address of Applicant :Tasly Modern TCM Garden Pu Jihe East Road No.2 Beichen District Tianjin 300410 China China
(72)**Name of Inventor :**
1)SUN He
2)ZHOU Shuiping
3)ZHANG Lanlan
4)HUANG Zhijuan
5)SONG Zhaohui

(57) Abstract :
A capsule of compound danshen dripping pills are disclosed. The color of the capsule™s shell is orange yellow green or blue and all of these colors are in the wavelength range of 446620 nm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2012

(21) Application No.3966/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROTECTION CIRCUIT FOR ELECTRONIC CONTROL UNIT (ECU)

(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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1)Mahindra & Mahindra Ltd.
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(72)**Name of Inventor :**
1)Ibrahim Hasan Mulla
2)Vaijayanti Vinayak Aole
3)Vijaykumar Bhalchandra Khole

(57) Abstract :
This invention relates to automotive electronics and more particularly to protection of Electronic control unit (ECU) from supply voltage fluctuations and excessive negative voltage levels. A protection circuit is connected between the Electronic Control Unit (ECU) and a main relay circuit. Input supply voltage from the relay circuit is checked by the protection circuit for excessive negative voltage pulses by comparing with a set limit. Further the protection circuit removes excessive voltage pulses present in the input voltage if any using a diode based clipping circuit. Further the input voltage in the set limit is passed to the ECU. FIG. 1

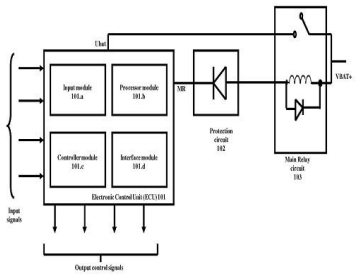

Fig.1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2012

(21) Application No.7421/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TUBULAR SEAMLESS KNITTED BRASSIERE AND METHOD OF MAKING SAME

(51) International classification :A41C 5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/025578
Filing Date :26/02/2010
(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)MITCHELL John
2)ALTMAN Heinz

(57) Abstract :
A seamless knitted brassiere includes a body encircling portion and at least one shoulder strap knit therein. The shoulder strap has a length and a first welt along the length. The shoulder strap also has a second welt along the length and adjacent the first double welt. The shoulder strap also has a novel run guard adjacent either of the two welts.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2012

(21) Application No.7423/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR RESUMPTION OF TIMESLOT MONITORING

(51) International classification :H04W 72/04
(31) Priority Document No :61/308,775
(32) Priority Date :26/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/052863
Filing Date :25/02/2011
(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)HOLE David Philip

(57) Abstract :
A method for a mobile station (10) to communicate with a wireless communications network (12) includes monitoring a first subset of timeslots (60) of a set of timeslots designated for communication and determining from at least data associated with the first subset of timeslots (60) that timeslots not within the first subset of timeslots (60) had communications directed to the mobile station (10) associated therewith and were not monitored by the mobile station (10). The method also includes monitoring a second subset of timeslots of the set of timeslots after said determining.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7954/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND DEVICE FOR KEY PRESS JUDGEMENT BASED ON TOUCH SCREEN

(51) International classification :G06F3/048,G06F3/041
(31) Priority Document No :201010133138.0
(32) Priority Date :26/03/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/072167
Filing Date :25/03/2011
(87) International Publication No :WO 2011/116705
(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)LIU Tingchao

(57) Abstract :
A method and device for key-press judgment based on a touch screen are disclosed. The method involves: detecting a press operation; when the press operation is detected, acquiring position information of current pressed point and extended information corresponding to the position information, until the end of this press operation is detected; judging a pressed key corresponding to this press operation according to the position information and the extended information of pressed points in this operation. The method and device improve the accuracy of the key-press judgment of the touch screen.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7955/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELECTRONIC APPARATUS

(51) International classification :H01Q1/52,H01Q1/24,H04M1/02
(31) Priority Document No :2010064759
(32) Priority Date :19/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/000904
Filing Date :18/02/2011
(87) International Publication No :WO 2011/114622
(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)LENOVO INNOVATIONS LIMITED (HONG KONG)
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(72)**Name of Inventor :**
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2)KOBAYASHI Naoki
3)ANDO Noriaki
4)TOYAO Hiroshi
5)IMAZATO Masaharu

(57) Abstract :
Disclosed is an electronic apparatus which has: a first housing provided with a first electronic component (11); a second housing provided with a second electronic component (21); an antenna which is provided on an end portion of the first housing; and a connecting body (40) which extends over an end portion of the first housing and connects the first electronic component (11) and the second electronic component (21) to each other. The connecting body (40) has a conductor layer a dielectric layer and a first conductor which has a repeated structure at least in one region. In the case wherein a flexible substrate is disposed close to the antenna a trouble of having the antenna characteristics deteriorated due to the flexible substrate is suppressed.

No. of Pages : 137 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3112/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : STATOR FOR ELECTRIC ROTATING MACHINE

(51) International classification :H02K
(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)RAMAKRISHNAN Santhosh
2)NEELAKANTAN Gopinathan
3)CHINNAMUTHU Thangavelu

(57) Abstract :
The invention relates to a stator for an electric rotating machine comprising: - a cylinder having a wall (3) - at least two permanent magnets (5) located inside the cylinder characterized in that it comprisews at least one holding member disposed between the permanent magnets (5) and maintaining said permanent magnets (5) pressed against the wall (3) the holding member being axially shorter than the permanent magnets (5). Fig.1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2012

(21) Application No.3193/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONTROL METHOD FOR ADJUSTING QUEUING DATA VOLUMN OF WIRELESS COMMUNICATIONS DEVICE BY DETECTING DATA TRANSFER SPEED AT PHYSICAL LAYER AND RELATED CONTROL MODULE AND MACHINE-READABLE MEDIUM THEREOF

(51) International classification :H04L
(31) Priority Document No :13/495,010
(32) Priority Date :13/06/2012
(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)Jen-Chieh Huang
2)Ying-Chieh Liao
3)Yu-Ting Chen
4)Tsung-Chieh Chang

(57) Abstract :
A control method for a wireless communications device supporting a specific protocol includes detecting a data transfer speed at a physical layer of the wireless communications device regarding an architecture of the specific protocol, and accordingly generating a detection result; and adjusting queuing data volume of the wireless communications device according to the detection result. An associated control module for the wireless communications device is also provided. The associated control module includes a speed detection unit for performing the operation of detecting the data transfer speed at the physical layer of the wireless communications device, and a control unit for performing the operation of adjusting the queuing data volume of the wireless communications device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2012

(21) Application No.3194/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MODULE CONNECTOR FOR UNINTERRUPED COMMUNICATION

(51) International classification :H01R
(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)KARODI Milind MOHANIRAJ
2)KULKARNI Sunil Nagnathrao
3)KULKARNI Rahul RAMESHRAO

(57) Abstract :
A module connector (102) for uninterrupted communication is described. The module connector (102) comprises a slot (602) for receiving connector pins (702) of an I/O module 500. The slot (602) has at least one pair of mating pins (606) to connect with the connector pins (702) of the I/O module (500). The at least one pair of mating pins (606) is normally closed in absence of the connector pins (702) in the slot (602). Further, the at least one pair of mating pins (606) in a normally closed state moves to an open state upon receiving the connector pins (702) of the I/O module (500) in the slot (602).

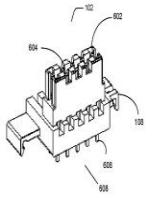

Figure 6(a)

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2012

(21) Application No.3651/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD AND APPARATUS FOR DETERMINING PARTITION LAYOUT OF A CODING UNIT

(51) International classification :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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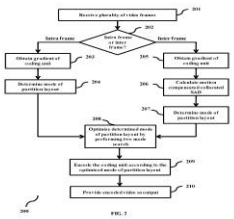
(72)**Name of Inventor :**
1)Satish lokkoju
2)Chirag Mahesh Kumar Pujara
3)Dinesh Kumar Reddy

(57) Abstract :
A method and apparatus for reducing the complexity of partition search performed for determining the partition layout of a coding unit in a quad tree based video codec is disclosed. The method uses the gradient and collocated motion compensated SAD characteristics of coding unit to determine the partition layout. Once the partition layout is determined, a two mode search is performed for fine tuning the determined partition layout. The two mode search involves the mode search for the blocks of the layout which are obtained by combining the blocks to obtain a bigger block up to one step more than the mode of the determined partition layout. The partition layout thus generated gives the performance in terms of compression, bit rate and PSNR similar to brute force search but with significantly less computational power. FIG. 2



No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012
(21) Application No.7952/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMMUNICATION SYSTEM COMMUNICATION APPARATUS COMMUNICATION CONTROL METHOD AND COMMUNICATION CONTROL PROGRAM

(51) International classification :H04W28/06,H04W72/04
(31) Priority Document No :2010109241
(32) Priority Date :11/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/060717
Filing Date :10/05/2011
(87) International Publication No :WO 2011/142336
(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)KONNO Yoshio
2)TSUNEKAWA Koichi
3)KAMENO Toshiaki
4)ISHIKURA Katsutoshi

(57) Abstract :
A CC ID information holding unit stores CC ID information in which a piece of frequency band information is associated with a CC ID for each of a plurality of pieces of frequency band information of monitoring CC. A resource information acquiring unit converts a CC ID which has been extracted from control information to the frequency band information.

No. of Pages : 54 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3135/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD IN A NAVIGATION DEVICE TO FILTER A MULTIPLE OCCURRENCES OF POI

(51) International classification :G01C
(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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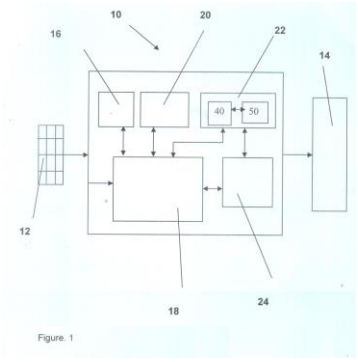
2)ROBERT BOSCH GMBH
(72)**Name of Inventor :**
1)SHIJO GEORGE

(57) Abstract :
The invention discloses a method and a device to filter a route which is most relevant for the user. A method in a navigation device (10) to guide a user to a destination, comprising the steps selecting a category (46), receiving a user configurable parameter (52,54, 56, 58, 60) as input, searching point of interest (POI) for the selected category (46) with the received user configurable parameter as a limiting condition, displaying POI (POI List) for the selected category (46) with the received user configurable parameter (52,54, 56, 58, 60) as a limiting condition, selecting the destination (Groupl) for the displayed POI (POI List) and calculating the route to said destination. Figure. 1



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3136/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONNECTOR ASSEMBLY

(51) International classification :B25B
(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)ARSHAD KADERALI
2)SANTOSH BASARIKOPPAD
3)YATHINDRA BHAT

(57) Abstract :
The present invention provides for a connector assembly which comprises of a housing member and an electrical connector where electrical connector can be easily removed during disassembling of the connector assembly. (Refer Figure 2)

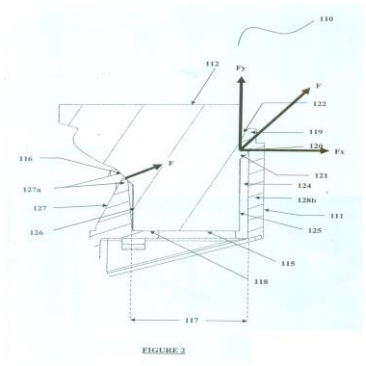

FIGURE 2

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2012

(21) Application No.3494/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A MODULAR MULTI-USE THERMAL IMAGING SYSTEM

(51) International classification :B60R
(31) Priority Document No :61/527,240
(32) Priority Date :25/08/2011
(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)VADIM PLOTSKER

(57) Abstract :
A modular multi-use thermal imaging system is disclosed. In one embodiment the modular multi-user thermal imaging system includes a modular mounting structure and a modular multi-use thermal imaging device configured to attach to one or more structures via the modular mounting structure. [Fig. 1]

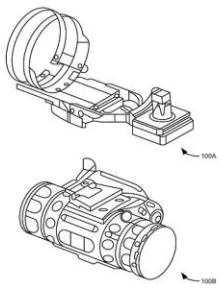

FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012

(21) Application No.4056/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SOLAR CELL

(51) International classification :H01L
(31) Priority Document No :2011-216948
(32) Priority Date :30/09/2011
(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 :**
1)FUKUSHIMA Takeyuki
2)OTA Kenichi

(57) Abstract :
A solar cell with an electrode lead-out structure that a unitary cell to be easily mounted on and removed from a connection side substrate is provided. A solar cell 10 is configured such that a power generation electrode 11 including a transparent electrode 14, a collector electrode 18, and a power generation layer 36 formed on a translucent substrate principal surface 12A is arranged opposite an opposite electrode 28 including a metal electrode 24 and a catalyst layer 26 both formed on a substrate principal surface 20A so that the power generation layer 36 is sandwiched between the power generation electrode 11 and the opposite electrode 28. A through-hole 16 is formed in a substantially central portion of a substrate 12. A periphery of the through-hole 22 forms an annular exposed portion that does not overlap the opposite electrode 28. A lead-out portion (annular portion 18A) for the collector electrode 18 is formed on the exposed portion. A through-hole 22 larger than the through-hole 16 is formed in another substrate 20. Metal thin films 24A and 24B formed on the substrate principal surface 20A and 20B are connected together via a metal thin film 24C formed on an inner wall surface of the through-hole 22 so that the metal thin film 24B forms a lead-out portion. Thus, a positive electrode and a negative electrode are led out in the same direction.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7960/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : REFORMING CATALYST

(51) International classification :C01B3/40,B01J23/89,B01J35/00
(31) Priority Document No :PA 2010 00225
(32) Priority Date :19/03/2010
(33) Name of priority country :Denmark
(86) International Application No :PCT/EP2011/001364
Filing Date :18/03/2011
(87) International Publication No :WO 2011/113611
(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)MORALES CANO Fernando
3)HANSEN Jens Henrik Bak
4)˜STBERG Martin
5)CHRISTENSEN Thomas Sanddahl

(57) Abstract :
Process for the steam reforming of hydrocarbons comprising contacting a feed gas with a catalyst consisting of an active compound in the form of an alloy of nickel and one of iridium rhodium and ruthenium on a support comprising alumina zirconia magnesia titania or combinations thereof.

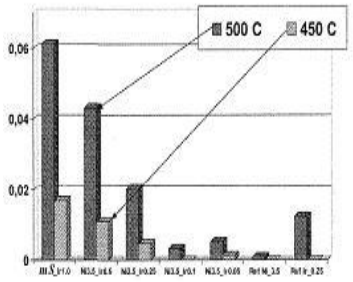

FIG . 1

No. of Pages : 21 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7961/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PHOTOVOLTAIC SOLAR CONCENTRATION SYSTEM

(51) International classification :G02B19/00,H01L31/052
(31) Priority Document No :P201030241
(32) Priority Date :19/02/2010
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2011/070065
Filing Date :02/02/2011
(87) International Publication No :WO 2011/101516 A1
(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)CAPARROS JIMENEZ Sebastian
2)ROWLEY DAVENPORT Thomas Lewis

(57) Abstract :
The invention relates to a photovoltaic solar concentration system comprising a Fresnel concentrator lens (1) with a constant facet thickness in a first region specifically the central region of the lens (1) and a constant facet height in a second region specifically the peripheral region of the lens (1) in order to maximise the optical efficiency of the lens (1) maintaining control over the typical aberrations of the system. The photovoltaic solar concentration system also comprises a secondary optical element (2) having a circular inlet face (3) with a convex curvature a section for receiving a rim (4) and a pyramidal section (6) the cross section changing shape from a circle into a square in the lower end (7) where the photovoltaic receiver is received. Said system improves the optical and thermodynamic efficiency of existing systems facilitates production and installation in the photovoltaic module and reduces the production related costs.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7962/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELECTROCHEMICAL CELL STACK

(51) International classification :H01M8/18,H01M8/20,H01M8/22
(31) Priority Document No :1004650.6
(32) Priority Date :19/03/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/000351
Filing Date :11/03/2011
(87) International Publication No :WO 2011/114094
(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)RENEWABLE ENERGY DYNAMICS TECHNOLOGY LTD
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1)UNDERWOOD Richard Lindsay
2)RIDLEY Peter John

(57) Abstract :
A cell stack has frames having lines of four apertures (41) at each end. In the stack the apertures form four ducts at each end of the side of the stack with the ducts extending from end to end of the stack for electrolyte flow therethrough. The apertures in the transfer frames have no passages connected to them. The eight apertures (41) in the passage frame are surrounded in pairs by four grooves (44) and O rings (45) dividing them into a pair for anolyte feed a pair for anolyte return a pair for catholyte feed and a pair for catholyte return. The stack is divided into opposite end sections (46 47). Only one of each pair is connected to a local feed or return flow passage contained within the O rings. The other is connected in the other section. The anolyte feed and return passages (51 52 55 56) lead from their apertures to respective openings (61) from the side (4) of each passage frame to its plain face (18). Here a distribution rebate (62) with spreading features (63) is provided to distribute / collect electrolyte to the graphite felt in the anolyte half cell. The result is that there is no electrical connection via the electrolyte in the ducts between cells at opposite ends of the stack. The inner ones of the ducts connect the cells at opposite ends of the section 46 and the outer ones the cells at opposite ends of the ducts (47). Thus a shunt current paths still exist but at only half the voltage to the entire stack.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7963/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR THE PRODUCTION OF ETHER CARBOXYLATES

(51) International classification :C07C51/295,C07C59/305,C07C51/235
(31) Priority Document No :10154071.4
(32) Priority Date :19/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/052191
Filing Date :15/02/2011
(87) International Publication No :WO 2011/101336
(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)BAUMANN Robert
2)BIEL Markus Christian
3)DECKERS Andreas
4)OFTRING Alfred
5)RITTIG Frank
6)STAFFEL Wolfgang

(57) Abstract :
The invention relates to a method for producing ether carboxylates.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7964/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR PREPARING DIVINYLARENE DIOXIDES

(51) International classification :C07D301/12,C07D303/12
(31) Priority Document No :61/315204
(32) Priority Date :18/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/028800
Filing Date :17/03/2011
(87) International Publication No :WO 2011/116180
(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)GULYAS Gyongyi
2)BHARADWAJ Ashwin R.
3)NULL Marty J.

(57) Abstract :
A process for preparing a divinylarene dioxide including reacting (a) at least one divinylarene; (b) at least one oxidant wherein the at least one oxidant is a partially neutralized sulfuromonoperoxoic acid such as partially neutralized Caro s acid solution; (c) at least one basic compound; (d) optionally at least one solvent and (e) optionally at least one catalyst; wherein the process is carried out under conditions to form a divinylarene dioxide product.

No. of Pages : 37 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2012

(21) Application No.3491/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MONITORING SYSTEM AND METHOD FOR VISUALLY PRESENTING HEALTH STATE OF A SUBJECT

(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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1)RAGHAVAN, JAYARAM

(57) Abstract :
The monitoring system for presenting health state of a subject is disclosed. The monitoring system includes a processor for analyzing multiple health parameters associated with the subject. Based on this analysis a health state indicator including multiple gauges for visually presenting the health state of the subject. A gauge orients with respect to a gauge reference line based on the analyzed health parameters. In an embodiment an interface element for visually presenting the health state of a subject in a monitoring system is disclosed. The interface element includes a health state indicator. The health state indicator includes multiple gauges, wherein one or more gauges orient with respect to one or more gauge reference lines based on analysis of the multiple health parameters to visually represent the health state of the subject. The health parameters are analyzed by the monitoring system. FIGs. 1and 2

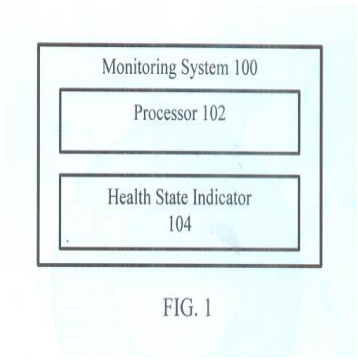

FIG. 1

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2012

(21) Application No.3774/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN IMAGE ENHANCEMENT APPARATUS

(51) International classification :G06T
(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)Rajeswari Kannan
2)Ravi Shenoy
3)Pushkar Prasad Patwardhan

(57) Abstract :
A method comprising: analysing at least two images to determine at least one object mutual to the at least two images the object having a periodicity of motion; generating an animated image based on the at least two images wherein the at least one object is animated; determining at least one audio signal associated with the at least one object; and combining the at least one audio signal with the animated image to generate an audio enabled animated image. FIG. 1

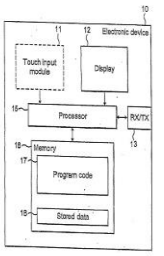

FIG. 1

No. of Pages : 50 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

(21) Application No.3870/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING COLOR AS AN IDENTIFICATION OF A POINT OF INTEREST

(51) International classification :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

(71)**Name of Applicant :**
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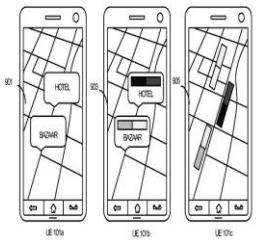
(72)**Name of Inventor :**
1)Dhaval Jitendra Joshi
2)Pankaj Jaiprakash Nathani

(57) Abstract :
An approach is provided for providing a color representation for a point of interest as visual guidance information to the users. The abstraction platform processes content information associated with a point of interest. Next the abstraction platform determines one or more color associated with a point of interest. The abstraction platform further determines a shape by abstracting the branding information associated with the point of interest. Then the abstraction platform causes a presentation of the one or more colors in combination with the shape as an identification of the point of interest. FIG. 9

FIG 9



No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012

(21) Application No.3968/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR ESTABLISHING CONFERENCE CALL BETWEEN A PLURALITY OF COMMUNICATION DEVICES

(51) International classification :H04M
(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)HEMANTH KUMAR VULAVALA

(57) Abstract :
The present disclosure is related to a system and method for establishing conference call between communication devices. The communication device including a mixer module provides conference call facility. Plurality of transceivers associated with plurality of the SIMs of the communication device receives communication data from the plurality of the communication devices. The plurality of transceivers sends the received communication data to the mixer module. The mixer module mixes the communication data of each of the communication devices in the conference call to form mixed communication data. The mixer module sends the mixed communication data to the plurality of the communication devices to establish and to manage the conference call.

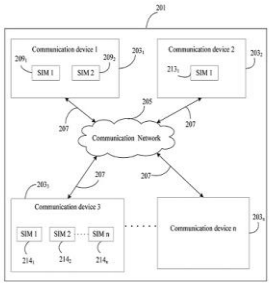

Fig.2

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.7994/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : USE OF POLYAMIDE FOR THE PREPARATION OF INJECTION MOULDED ARTICLES AND RESULTING ARTICLES

(51) International classification :C08L77/02,C08L77/06,B29C45/00
(31) Priority Document No :FR1052040
(32) Priority Date :22/03/2010
(33) Name of priority country :France
(86) International Application No :PCT/IB2011/000601
Filing Date :22/03/2011
(87) International Publication No :WO 2011/117709
(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)CANOVA Thomas
4)MEDEIROS Guainumbi
5)KUPIDLOWSKI Suzana

(57) Abstract :
The invention relates to the use of thermoplastic polymers for the preparation of injection-molded articles and to molded articles thus obtained. The invention relates more particularly to the use, for the preparation of injection-molded articles, of a lubricated polyamide obtained by addition of at ieast one lubricant during the process for the polymerization of the polyamide.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.7995/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MEMBRANE

(51) International classification :H01M8/10,C08J5/22,C25B13/00
(31) Priority Document No :1003230.8
(32) Priority Date :26/02/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050353
Filing Date :23/02/2011
(87) International Publication No :WO 2011/104542
(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)PETCH Michael Ian

(57) Abstract :
A reinforced membrane said reinforced membrane comprising: (i) a planar reinforcing component made from metal carbon polymer or a composite thereof and (ii) an ion conducting material characterised in that the planar reinforcing component is a cellular structure comprising a plurality of discrete cells wherein the wall of each cell extends through the thickness of the component such that the cell wall is impermeable to the proton conducting material and wherein the proton conducting material fills the cells of the planar reinforcing component is disclosed. Such a membrane is of use in a fuel cell or an electrolyser.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.7996/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR PRODUCTION OF CADAVERINE

(51) International classification :C12P13/00,C12N15/09
(31) Priority Document No :2010037043
(32) Priority Date :23/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/053764
Filing Date :22/02/2011
(87) International Publication No :WO 2011/105344
(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)Suda Kazumi
3)Sawai Hideki

(57) Abstract :
By a method for producing cadaverine by culturing a microorganism that extracellularly secretes lysine decarboxylase, by-production of lysine is suppressed, the yield of cadaverine relative to glucose consumption is improved compared to conventional production methods, and further, the load on the purification step in purification of cadaverine as a raw material for polyamide can be reduced.

No. of Pages : 61 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.7997/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MOBILE TELEPHONE SET GENERATING SMALL AMOUNT OF HEAT AND HAVING VIDEO PHONE FUNCTION

(51) International classification :H04N7/26,H04M1/73,H04N7/14
(31) Priority Document No :2010062385
(32) Priority Date :18/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052798
Filing Date :03/02/2011
(87) International Publication No :WO 2011/114817 A1
(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)SANO Hideo

(57) Abstract :
A temperature of a mobile telephone set is detected, and when the temperature exceeds a predetermined first threshold, a video signal encoding unit (21) is changed from the predetermined normal encoding rate to a reduced encoding rate, which is lower than the predetermined normal encoding rate.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.7998/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PUMP DEVICE FOR LUBRICATION OIL

(51) International classification :F16N13/02,F04B23/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/001093
Filing Date :19/02/2010
(87) International Publication No :WO 2011/101914
(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)OZEKI Noboru

(57) Abstract :
To provide a pump device for lubricant which is downsized and reduced in cost due to a simplified decompression structure. A pump device S for lubricant comprising a pump main body 10 which is provided with a cylinder part 15 which suctions lubricant stored in a tank and discharges it from a discharge port 13 and a piston 30 and an actuator 40 which allows the piston 30 to move forward and backward, in which when lubricant is supplied to a lubrication pipeline W connected to the discharge port 13, the discharge port 13 is compressed, and when the supply of lubricant to the lubrication pipeline is stopped, the discharge port 13 is decompressed, wherein the piston 30 is allowed to move forward to the 1st position P1 at which lubricant is discharged, move backward from the 1st position to the 2nd position P2 at which lubricant is suctioned and further move backward from the 2nd position to the 3rd position P3, and a decompression path 50 which is blocked when the piston is allowed to move between the 1st position P1 and the 2nd position P2, and is opened when the piston is moved backward to the 3rd position is formed in the pump main body 10.

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.7999/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification :G02F1/133,G02F1/1368,G09G3/20
(31) Priority Document No :2010042310
(32) Priority Date :26/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/054169
Filing Date :24/02/2011
(87) International Publication No :WO 2011/105503
(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 :**
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(57) Abstract :
A liquid crystal display device (100A) according to the present invention includes a pixel (10) including first and second subpixels (10a, 10b) and a first CS bus line (24a), which is associated with the first subpixel. The first subpixel includes a liquid crystal capacitor (13a) and a first storage capacitor (22a). The second subpixel includes a liquid crystal capacitor (13b). A first CS signal voltage applied to the first storage capacitor (22a) through the first CS bus line (24a) is an oscillation voltage, of which one period is shorter than one vertical scanning period, and has first and second potentials that define a maximum amplitude and a third potential between the first and second potentials. When a gate signal voltage Vg supplied to the gate bus line (12) that has been high goes low, the first CS signal voltage Vcsa supplied to its associated first CS bus line (24a) is at the third potential.

No. of Pages : 76 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012
(21) Application No.3957/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HOOK-THREAD COMPONENT AND WIRING ELEMENT FASTENING DEVICE HAVING THE HOOK-THREAD COMPONENT

(51) International classification :H05K
(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)Teh-Tsung Chiu

(57) Abstract :
A wiring element fastening device is provided to fasten a wiring element to a wiring element connector. The wiring element connector includes an engaging part that is electrically engageable with a terminal of the wiring element. The wiring element fastening device includes: a hook-thread component having a base part engaged with the wiring element connector and a screwing part integrated with the base part; and a fastening element for fastening a wiring member of the wiring element and screwed with the screwing part. With the above-described structure the terminal of the wiring element will not be in poor contact with or separated from the engaging part of the wiring element connector even if one end of the wiring element is pulled by an external force or a corresponding end of the wiring element connector is pulled.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8000/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MATERIAL COMPOSITION PRODUCTION THEREOF AND USE AS SEALING AND OXIDATION PROTECTION LAYER

(51) International classification :C04B35/52,C04B35/536,H05B7/085
(31) Priority Document No :10 2010 002 989.0
(32) Priority Date :17/03/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/054021
Filing Date :17/03/2011
(87) International Publication No :WO 2011/113885 A2
(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)SGL CARBON SE
Address of Applicant :Rheingaustr. 182 65203 Wiesbaden Germany
(72)**Name of Inventor :**
1)CHRIST Martin
2)K–HLER Sandra
3)GOJNY Florian
4)SCHMITT Rainer
5)–TTINGER Oswin

(57) Abstract :
The invention concerns a material composition (10) comprising a carrier component (11) and an additive component (12) . The additive component (12) comprises one or more ceramic additives (12, 12). The carrier component (11) and the additive component (12) are present in a ratio by volume in the range from approximately 1:9 to approximately 7:3, preferably in the range from approximately 1:4 to approximately 2:1, more particularly in the region of approximately 1:1. The material composition (10) of the present invention may be formed as a foil or as a liquid, viscous, paste like or gel-like material. The material composition (10) of the invention may be used, inter alia, as oxidation protection and as a sealing element.

No. of Pages : 44 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012
(21) Application No.8001/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BASE STATION DEVICE MOBILE STATION DEVICE AND COMMUNICATION CONTROL METHOD

(51) International classification :H04W24/10,H04W16/32,H04W88/02
(31) Priority Document No :2010077391
(32) Priority Date :30/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/057742
Filing Date :29/03/2011
(87) International Publication No :WO 2011/122596
(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)FUKUMASA Hidenobu
2)FUKUMOTO Shusaku
3)TAKEHANA Shuichi
4)SUGAHARA Shiro

(57) Abstract :
An RS transmission instruction unit instructs a mobile station device to transmit a reference signal. An RS measurement instruction unit instructs a relay station device to measure the reference signal transmitted by the mobile station device. A difference calculation unit receives, as a measurement result of the reference signal, information indicating a receiving quality at the relay station device. An up access link quality measurement unit measures the reference signal transmitted by the mobile station device. A difference calculation unit calculates a difference between information that indicates the receiving quality at the relay station device and information that indicates the measured receiving quality of the reference signal. A difference transmission unit notifies the mobile station device of the calculated difference. A down direct link quality measurement unit measures a reference signal that is transmitted by the base station. A CQI calculation unit receives the difference from the base station device. The CQI calculation unit calculates information indicating the receiving quality at its own device, using the measurement result of the receiving quality.

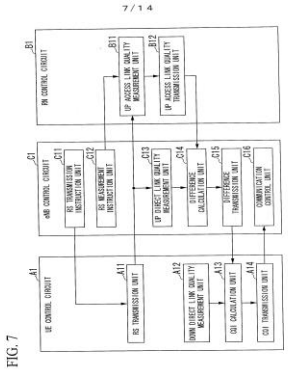

FIG. 7

No. of Pages : 59 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8002/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : USE OF TRANSFORMING GROWTH FACTOR BETA 1 (TGF 1) INHIBITOR PEPTIDES FOR THE TREATMENT OF CORNEAL FIBROSIS AND/OR HAZE

(51) International classification :A61K38/18,A61P27/02
(31) Priority Document No :12/709895
(32) Priority Date :22/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/052543
Filing Date :21/02/2011
(87) International Publication No :WO 2011/101478
(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)DOTOR DE LAS HERRER • AS Javier
2)MALDONADO LPEZ Miguel Jos

(57) Abstract :
The invention refers to the use of transforming growth factor beta 1 (TGF 1) inhibitor peptides or polynucleotides encoding said peptides for the prevention and/or treatment of corneal fibrosis and/or corneal haze.

No. of Pages : 58 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2012
(21) Application No.3482/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MEASUREMENT OF METABOLIC ACTIVITY BY INFRARED PLETHYSMOSCOPE

(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)Dr.D.S.Sarma

(57) Abstract :
A biochemical process called metabolism, wherein the rate of time-dependent expenditure of calories by the human body, varies from person to person. This variation is the cause for the metabolic effect on the food intake. Some individuals eat more, but still maintain slim figure, where as some others, though they eat less, become obese. Slow rate of metabolism leads to accumulation of heat energy which gets converted to fat, if it does not find an alternative channel of expenditure. Below-normal metabolic rate is the root cause for many diseases like diabetes, hypertension, obesity and cancer. A small portion of the heat unabsorbed by the body results in biological thermal radiation in the infrared range of electromagnetic spectrum. A metal scale described in the next paragraph can sense this radiation and transmit it to cathode ray oscilloscope (CRO) for measurement. Hence CRO can be used by the doctors as a diagnostic tool to caution the subjects sufficiently in advance to take care of their lifestyle regarding nutrition, exercise, sleep and other habits. Prevention is less expensive, compared to the costly miseries of useless fighting to cure chronic diseases of body and mind, which destroy health when once they set in. In healthy non-diabetic persons, when arterial pressure exceeds normal set-point, it is brought back to normalcy, by a feedback nervous control mechanism causing constriction of peripheral blood vessels(of the palm & fingers) increasing resistance to blood flow. The extra pressure developed is dropped in the extra resistance, analogous to ˜IR™ drop of Ohm™s law. Blood flow is maintained at its normal value despite the increased pressure, by the extra oxygen and nutrients supplied to the tissues; (the pressure, the insulin-dependent tissue utilization rate of glucose governed by local and humoral flow variations etc. in the finger capillaries, which have nano-particles of iron in their arterioles and venules carrying red & blue blood). The signals originating from the three dimensional pulse modulated volume changes of the finger vessels (due to the back pressure of blood accumulated in fingers, as in a ˜RC™ circuit consisting of Resistance and capacitance elements, wherein the back e.m.f. built across the capacitor opposes the inflow rate of current) are captured by a metal scale, of length 30cm. placed horizontally on a table, perpendicular to the direction of blood flow in the four fingers(leaving thumb) of left or right hand palm held pressed to the table edge below the scale. The signal is collected by a small crocodile clip at the mid-point of the scale and carried to the oscilloscope probe. The band diagram of the metal available in the scale is displayed on the CRO (Cathode Ray Oscilloscope)Screen. The Voltage and time ranges must be properly selected by the pointer of knob-rotary switch for clear display. In diabetic persons with arteriosclerosis, the distensibility and compliance of blood vessels get diminished. Arterioles become hardened due to calcification and cholesterol formation, lowering the metabolic activity. The difference between normal and abnormal persons can be displayed on the scope by the low energy band, with width 0.1 to 50Hz, produced by electrons revolving around the nucleus in orbits just adjacent to it in the metal molecule. The differential rotational energy levels are captured on the screen. These investigations of the pulsatile iron & salt particle-flow, are based on the vector cardiography of Einthoven, who laid the foundation for the electrocardiogram (ECG) of the present form, recorded in hospitals for diagnosis of various cardiac disorders. Thus this novel equipment(consisting of a function generator set at 24Hz causing a stationery orbit & resonance in the electrostatic field (in the die-electric medium of wood enclosed between fingers and scale) combines the features of both PLETHYSMOGRAPHY & VECTOR CARDIOGRAPHY, fortified by the solid state physics of Einstein. This invention can also visualize the QUATERNARY structure of Hemoglobin as an OLIGOMER, responsible for gaseous exchange, transport & cell respiration.

No. of Pages : 6 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2012

(21) Application No.3483/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BRAKE SHIM HAVING LUBRICANT COMPARTMENT

(51) International classification :A24D
(31) Priority Document No :2,752,900
(32) Priority Date :19/09/2011
(33) Name of priority country :Canada
(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)RAY ARBESMAN

(57) Abstract :
TITLE: BRAKE SHIM HAVING LUBRICANT COMPARTMENT ABSTRACT A shim for a disc brake pad is provided. The shim is formed of a generally planar metal sheet that has a plurality of curved or bent edge tabs extending out from its edges thereof to engage the brake pad. A centrally disposed raised area is provided on the shim. The raised area serves as a compartment for lubricant when the shim is retained on the brake pad. The raised area has at least one lubricant access port to allow lubricant to be introduced into the compartment without removing the shim from the brake pad. A disc brake pad assembly having the shim is also provided. A method of lubricating the assembly via the access port is also provided.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.3852/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR QUERY FORMULATION FOR PATTERN SEARCHES IN HEALTH RECORDS

(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 :**
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2)Milind Vishwas Kaduskar
3)Sandip Bhaumik
4)Hodong Lee
5)Sanghyun Yoo

(57) Abstract :
A method and system of query formulation for pattern search in electronic health records is disclosed. The method allows the user to express the pattern search query easily through an interface based on graphical chronological representation of the data supported by the detailed context of the medical history of the patient. The pattern search query is used to find similar patterns in the same patient™s history and check for a relevant treatment plan and also to find other patients with similar patterns. The method supports gathering of context for a query automatically providing the user the option of filtering out unnecessary details. FIG. 2

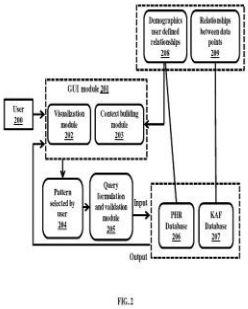

FIG. 2

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8006/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CLUTCH UNIT

(51) International classification :F16D41/08,B60N2/16
(31) Priority Document No :2010033719
(32) Priority Date :18/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052826
Filing Date :10/02/2011
(87) International Publication No :WO 2011/102285
(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)KAWAI Masahiro
2)ISODA Kouji
3)MINENO Yumiko

(57) Abstract :
Provided is a clutch unit, comprising: a lever-side clutch portion for controlling transmission and interruption of rotational torque to an output side through lever operation; and a brake-side clutch portion for transmitting torque input from the lever-side clutch portion to the output side and for interrupting torque reversely input from the output side, wherein: the lever-side clutch portion comprises an outer centering spring (19) provided between a lever-side outer ring to be rotated through the lever operation and a cover (24) restricted in rotation, for accumulating an elastic force obtained by torque input from the lever-side outer ring and for restoring the lever-side outer ring to a neutral state with the accumulated elastic force through releasing of the torque input from the input-side member, the outer centering spring (19) comprising a band plate-like spring member having a C-shape, the cover (24) comprising an inclined portion (24g) which abuts on the outer centering spring (19) and swells to the outer centering spring (19) side; and under a state in which the outer centering spring (19) is assembled, an inner diameter of the outer centering spring (19) is arranged on an outer side of an outermost diameter of the inclined portion (24g) of the cover (24).

No. of Pages : 84 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8007/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TERMINAL DEVICE WITH FUNCTION TO AUTOMATICALLY ATTACH AN EMAIL ADDRESS METHOD FOR AUTOMATICALLY ATTACHING AN EMAIL ADDRESS AND PROGRAM FOR SAME

(51) International classification :G06F13/00,H04M1/00,H04W4/14
(31) Priority Document No :2010037277
(32) Priority Date :23/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/053910
Filing Date :23/02/2011
(87) International Publication No :WO 2011/105398
(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 :
Disclosed is a terminal device which automatically attaches an email address, capable of transmitting and receiving text messages conforming to Short Message Service (SMS) and transmitting and receiving electronic mail, which stores the email address of the terminal device which automatically attaches an email address. The terminal device accepts commands from a user. If the terminal device detects from the content of received commands that a text message conforming to SMS is being generated, it acquires the email address and inserts the acquired email address into the generated text message. After the insertion is completed, it transmits the generated text message to the other terminal.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3120/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A COMPACT CIRCUIT BREAKER AND SWITCHGEAR THEREOF

(51) International classification :H01H
(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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3)BABU SANKAR
4)HRISHIKESH S BRAMHAPURIKAR
5)V RAMESH

(57) Abstract :
The invention relates to a compact circuit breaker having a plurality of contacts. The circuit breaker comprises one set of contacts having one or more contacts and other set of contacts having one or more contacts, where the one set of contacts is mounted at an angle to the other set of contacts. Fig. 2

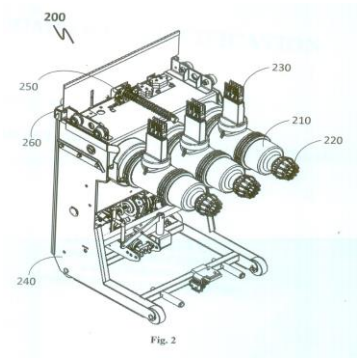

Fig. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2012

(21) Application No.3281/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROTECTIVE ENSEMBLE HYDRATION MONITOR

(51) International classification :A61B
(31) Priority Document No :61/522,725
(32) Priority Date :12/08/2011
(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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(57) Abstract :
A protective ensemble hydration monitor configured to be disposed within a face mask of a protective ensemble is disclosed. In one embodiment the protective ensemble hydration monitor includes a humidity sensor to detect the user™s breath within the face mask and output a breath signal based on the detected user™s breath. Further the protective ensemble hydration monitor includes a microprocessor coupled to the humidity sensor to receive the breath signal and output a control signal based on a pre-determined humidity threshold value. Furthermore the protective ensemble hydration monitor includes a vibrator configured to provide a tactile feedback to the user upon receiving the control signal from the microprocessor. [FIG. 2]

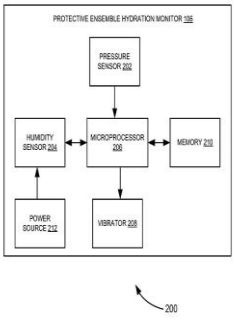

FIG. 2

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2012

(21) Application No.3467/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LUBRICATION SYSTEM OF INTERNAL COMBUSTION ENGINE

(51) International classification :F16H
(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)MOHAN D UMATE
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4)T S VIPIN
5)ALLWYN DIAS

(57) Abstract :
ABSTRACT The present relates to a lubrication system for an internal combustion engine. The present invention enables adequate lubrication of a pair of main bearings 56 & 60 of a crankshaft 23 and provides a mechanism, which prevents spading. The present invention is characterized by a crankpin 39, having a crankpin lubricating oil channel 70 extending longitudinally. Metering jets 90 & 95 are provided on both the ends of the crankpin lubricating oil channel 70. The crankpin 70 also has a contoured recess 150 formed on its outer periphery. Fig. 3

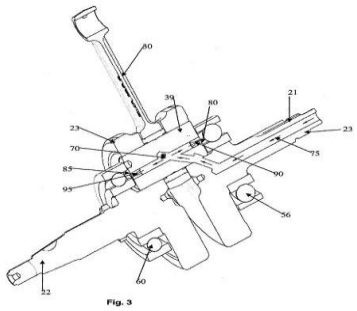

Fig. 3

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/09/2012

(21) Application No.3753/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AUTOMATIC RESPONSE TO EMAILS

(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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(72)**Name of Inventor :**
1)Somashekar Thyagaraja

(57) Abstract :
The embodiments herein relate to email client and more particularly to setting up mechanism for selectively sending out of office response to emails. If the addressee/user has configured any out of office response with his email account the server checks if the received email is a calendar/meeting invite or not. If the received email is a calendar invite and if the user has configured out of office response the server identifies the date on which the event mentioned in the meeting is scheduled for (date of event). If the date of event falls within the unavailability period set by the user then the server sends out of office response to the sender of the calendar invite. If the date of event mentioned in the calendar falls out of the unavailability period then the server may not send out of office response. FIG. 3

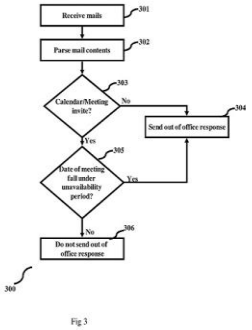

Fig 3

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8022/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND APPARATUS FOR WIRELESSLY SYNCHRONIZING IMAGE SHUTTER OF IMAGE SENSOR AND LIGHT SOURCE

(51) International classification	:A61B1/045,A61B1/06,G02B23/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/US2010/000880 :24/03/2010
(87) International Publication No	:WO 2011/119134
(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)STRYKER CORPORATION
Address of Applicant :2825 Airview Boulevard Kalamazoo Michigan 49002 U.S.A.
(72)**Name of Inventor :**
1)NAMBAKAM Vasudev

(57) Abstract :
A method and apparatus for wirelessly synchronizing operation of an image sensor of an endoscopic video camera unit having a wireless transmitter with operation of a portable endoscopic light source unit includes transmitting a message packet with a target camera shutter period light source target phase/trigger time/OFF time and light source target ON time to the light source unit. The light source unit controls the start time and the ON time for light output by a light source. The video camera unit includes a light detector for detecting the actual light source start time and duration of light output to provide closed loop feedback. A camera controller ensures synchronization between the shutter period of the image sensor and actual operation of the light source based on the actual phase and actual ON time sensed by the light detector and the previously communicated target phase/trigger time/OFF time and target ON time.

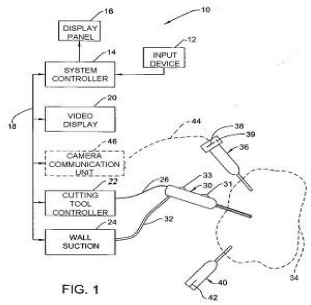

FIG. 1

No. of Pages : 38 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2012

(21) Application No.3414/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BIOGAS DRIVEN SYSTEM

(51) International classification :F02P5/00
(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)INDIAN INSTITUTE OF SCIENCE
Address of Applicant :Bangalore Karnataka 560 012 India
Kerala India
(72)**Name of Inventor :**
1)Ravikrishna R. V.

(57) Abstract :
The subject matter relates to a biogas driven system (200 300) particularly a biogas driven engine. The biogas driven system (200 300) includes a spark ignition-based internal combustion (IC) engine (216) having an engine cylinder (232). An inlet manifold (214) is coupled to the engine cylinder (232) to supply a mixture of air and biogas to the engine cylinder (232). Further a biogas inlet pipe (210) and an air inlet pipe (222) are coupled to the inlet manifold (214) of the IC engine (216) to provide a supply of biogas and air respectively to the inlet manifold (214) which provides a mixture of air and biogas to the engine cylinder (232). A control member (226 304) coupled to the biogas inlet pipe (210) and the air inlet pipe (222) controls the supply of air and biogas to the inlet manifold (214).

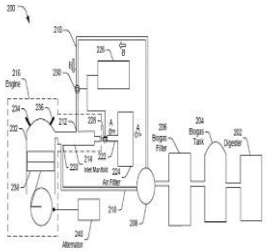

Fig. 2

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2012

(21) Application No.3506/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : GRAPHENE COMPOSITES WITH DISPERSED METAL OR METAL OXIDE

(51) International classification :B82Y
(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)Indian Institute of Technology Madras
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(72)**Name of Inventor :**
1)SUNDARA Ramaprabhu
2)VARRLA Eswaraiah
3)SASIDHARANNAIR SASIKALADEVI Jyothirmayee Aravind

(57) Abstract :
Metal-graphene nanocomposites metal-oxide-graphene nanocomposites and method for their preparation are described. According to some embodiments a metal salt is combined with graphite oxide (GO) to form a metal salt-GO composite. The metal salt-GO composite is reduced to a metal-graphene or metal oxide-graphene nanocomposite material. The metals may be magnetic or non-magnetic. In some embodiments the reduction is conducted via exposure to intensified electromagnetic radiation such as focused solar radiation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2012

(21) Application No.3987/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR SOLAR POWER GENERATION AND DISTRIBUTION FOR RURAL COMMUNITY ELECTRIFICATION AND LIGHTING

(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KANNAN NATARAJAN

(57) Abstract :
The present invention relates to a method for solar power generation and distribution for rural community electrification and lighting. The present invention also relates to a system for solar power generation and distribution for rural community electrification and lighting.

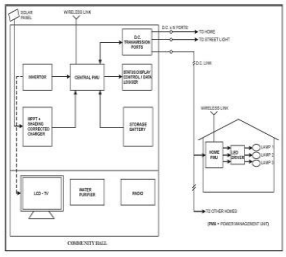

Fig :1

No. of Pages : 11 No. of Claims : 10

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

(21) Application No.7/CHE/2010 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ENFUVIRTIDE

(51) International classification :C11D
(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)GANGA VISWANATHAN ARUN SRIRAM

(57) Abstract :
NA

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8020/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : STABLE AQUEOUS ACRYLAMIDE SOLUTION

(51) International classification :C07C231/22,C07C233/09,C12P13/02
(31) Priority Document No :2010035922
(32) Priority Date :22/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/053673
Filing Date :21/02/2011
(87) International Publication No :WO 2011/102510
(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)KANOU Makoto
2)HAGIYA Norifumi

(57) Abstract :
The present invention provides a process for stabilizing an aqueous acrylamide solution. The present invention also provides a stable aqueous acrylamide solution containing acetaldehyde at a weight ratio relative to acrylamide of 1.5 mg/Kg to 4 mg/Kg.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8021/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HIGH STRENGTH STEEL PLATE WITH EXCELLENT WARM WORKABILITY

(51) International classification :C22C38/00,C22C38/06,C22C38/58
(31) Priority Document No :2010068477
(32) Priority Date :24/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056866
Filing Date :22/03/2011
(87) International Publication No :WO 2011/118597
(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)HATA Hideo
2)MURAKAMI Toshio
3)UTSUMI Yukihiro

(57) Abstract :
ABSTRACT Disclosed is a high-strength steel plate with excellent warm workability that has a component composition comprising, in mass%, 0.05 to 0.4% C, 0.5 to 3% Si+Al, 0.5 to 3% Mn, no more than 0.15% P (not including 0%), and no more than 0.02% S (including 0%), with the remainder comprising iron and impurities, and a composition that includes a total of 45 to 80% martensite and/or bainitic ferrite in terms of the area ratio relative to the entire composition, 5 to 40% polygonal ferrite in terms of the area ratio relative to the entire composition, and 5 to 20% retained austenite in terms of the area ratio relative to the entire composition, wherein the C concentration (CΓ R) within said residual austenite is in the range of 0.6 mass% to less than 1.0 mass%, and that furthermore may include bainite. In the high-strength steel plate, TRIP effects are achieved to the fullest extent in warm working, and increased ductility over prior steel plates is reliably achieved.

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.3070/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TRAP DESIGN FOR EFFICIENT TRAPPING OF BRINJAL SHOOT AND FRUIT BORER, LEUCINODES ORBONALIS (GUENEE)

(51) International classification :A01N
(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)DR. W. BABY RANI
2)DR. S. PRABHU
3)DR. R. K.MURALI BASKARAN

(57) Abstract :
A trap is designed to capture Leucinodes orbonalis male moths by using the colour cues. This invention is of practical value especially in monitoring and managing the population of L. orbonalis brinjal shoot and fruit borer through pheromone traps. This proves to be an efficient tool with low cost pest management in an ecofriendly way.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2012

(21) Application No.3611/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEMS AND METHODS TO INITIATE UPDATING OF REFERENCE VOLTAGES •

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) Internatio al 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)Sateesh Desireddi
2)Jayaprakash Naradasi
3)Anand Venkitachalam
4)Manuel Antonio d™Abreu
5)Stephen Skala

(57) Abstract :
In a data storage device that includes a non-volatile memory a method includes determining that a current error correction code page count (CEC) is at least as large as a target error correction code page count (TEC). The CEC is a page count of error correction code (ECC) pages of data read from the memory during a time period from a previous time to a particular time using a set of reference voltages. In response to the CEC being at least as large as the TEC the method includes updating a subset of the set of reference voltages conditioned upon a difference between a current mean error count (CMEC) and a previous mean error count being at least as large as a target mean delta error. The CMEC is based on a count of read errors associated with the ECC pages read during the time period.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

(21) Application No.3893/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD SYSTEM AND APPARATUS OF MULTI-SUBFRAME SCHEDULING

(51) International classification :H04L
(31) Priority Document No :201110278178.9
(32) Priority Date :19/09/2011
(33) Name of priority country :China
(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)Huawei Technologies Co. Ltd.
Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 P. R. China. China
(72)**Name of Inventor :**
1)LIU Hui

(57) Abstract :
The present invention discloses a multicast packet transmission method and also a related device and system. A multicast packet transmission method includes: an upstream aggregator receives a first Protocol Independent Multicast (PIM) protocol packet; creates an active multicast topology according to the first PIM protocol packet; receives a second PIM protocol packet; creates a standby multicast topology according to the second PIM protocol packet where the second PIM protocol packet carries a standby multicast identifier; sets the standby multicast topology to a disabled state; determines the active multicast topology as faulty; and enables the standby multicast topology after the active topology is determined as faulty. The technical solution of the present invention implements fast switching between the forwarding paths in the case of a fault and ensures normal operation of the service.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2012

(21) Application No.3895/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN IMAGE ENHANCEMENT APPARATUS AND METHOD

(51) International classification :G06T
(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)Ravi Shenoy
2)Pushkar Prasad Patwardhan

(57) Abstract :
A method comprising: generating at least two frames from a video wherein the at least two frames are configured to provide an animated image; determining at least one object based on the at least two frames the at least one object having a periodicity of motion with respect to the at least two frames; determining at least one audio signal component for associating with the animated image based on a signal characteristic of at least one audio signal; and combining the at least one object and the at least one audio signal component wherein the animated image is substantially synchronised with the at least one signal component based on the signal characteristic.
FIG. 1

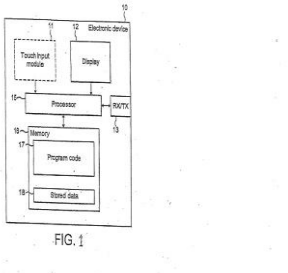

FIG. 1

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

(21) Application No.8041/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DEVICE AND METHOD FOR DETERMINING INFORMATION RELATED TO A MEDICAL DEVICE

(51) International classification :A61B5/00,A61M5/315
(31) Priority Document No :10157233.7
(32) Priority Date :22/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/054283
Filing Date :22/03/2011
(87) International Publication No :WO 2011/117212
(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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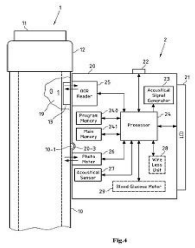
(72)**Name of Inventor :**
1)SCHABBACH Michael
2)KOHLI Amit

(57) Abstract :
The invention relates to an apparatus (2 3) comprising a mating unit (20 1 20 2) for releasably attaching the apparatus (2) to a medical device (1) or for releasably receiving at least a part of the medical device (1). The apparatus (2 3) further comprises one or more optical sensors (25 26) and/or one or more acoustical sensors (27) for determining information related to a condition and/or use of the medical device (1). The invention further relates to a system comprising such an apparatus (2 3) and such a medical device (1) to a method (500 600 700) and a computer program (61) for determining information related to a condition and/or use of such a medical device (1) and to a computer readable medium (60) storing such a computer program (61).



No. of Pages : 71 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.3137/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND SYSTEM FOR SUPPRESSING THE OVERSHOOT OR UNDERSHOOT OF A PROCESS VARIABLE BEYOND A PREDETERMINED SET POINT IN A PID CONTROLLED PROCESS

(51) International classification :G05B
(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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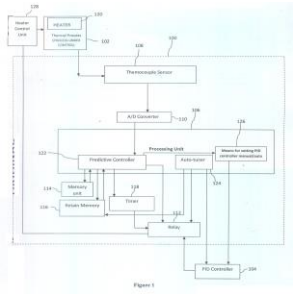
(72)**Name of Inventor :**
1)SENTHIL NATHAN THIRUMARAN

(57) Abstract :
The present invention relates to a method and system (100) for controlling the overshoot or undershoot of a process variable beyond a predetermined set point, in a process controlled by a PID controller (104). In the present invention the overshoot or undershoot is controlled by analyzing the linear phase of the process curve during auto-tuning phase of the PID controller (104). Reference figures 1.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2012

(21) Application No.3396/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR ANALYZING ARRANGEMENT OF VEHICLE AND BUILDING WIRE HARNESSES FOR EMI

(51) International classification :H01R13/00
(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)SRINIVASAN BHASKARAN
3)VISHAL NARAYAN
4)RAMA KRISHNA KATAKAM
5)MAHADEVAN SHANMUGAM

(57) Abstract :
A system and method for analyzing arrangement of vehicle and building wire harnesses for electromagnetic interference (EMI) are disclosed. In one embodiment at least design data of a first wire harness and a second wire harness and associated electrical structure of the vehicle or building are received. Further a plurality of cutting planes are applied to intersect at least the first wire harness and the second wire harness and the associated electrical structure based on the design data. Furthermore a respective set of cutting points are identified for each of the plurality of cutting planes. The respective set of cutting points includes locations where a respective cutting plane intersects at least the first wire harness and the second wire harness and the associated electrical structure. In addition a segregation distance is measured between each respective set of cutting points. [FIG. 5 and 6]

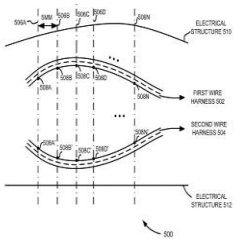

FIG. 5

No. of Pages : 39 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2012

(21) Application No.3678/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SECURED NFC BASED MOBILE PAYMENT SYSTEM

(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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(72)**Name of Inventor :**
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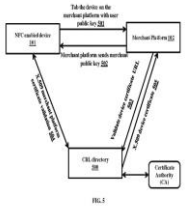
2)Sreenath Dindukurthi

(57) Abstract :
A method and system for verifying an NFC enabled user device using a device certificate based on Public Key Infrastructure (PKI). The method involves transmitting the device certificate and an associated URL from the NFC enabled user device to a merchant platform through an NFC controller. The merchant server acquires the device certificate through the associated URL from a Certifying Authority (CA). The acquired client certificate is verified using a device public key. After validating the merchant platform certificate the device is authenticated. The merchant platform certificate is verified by transmitting the certificate to the NFC enabled user device for validation of the merchant certificate. The merchant platform receives the concatenated message and adds it into the message digest the device digital signature and the encrypted payment credentials. If the message digest and a generated digest match the NFC device and merchant platform are authenticated. FIG. 5



No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2012

(21) Application No.8163/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HETEROPHASIC POLYOLEFIN COMPOSITION

(51) International classification :C08L23/10,C08F297/08
(31) Priority Document No :10157987.8
(32) Priority Date :26/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/052397
Filing Date :18/02/2011
(87) International Publication No :WO 2011/117032
(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)MASSARI Paola
3)CIARAFONI Marco

(57) Abstract :
Polymer composition suitable for ABS styrenic resin replacement where high dimensional stability and a good esthetical appearance is required comprising a polymer blend (A) comprising 60 80% by weight of a crystalline propylene homo or copolymer (A1) (MFR = 50 g/10 min); and 20 40% by weight of copolymer(s) of ethylene (A2). Said polymer blend (A) having values of MFR up to 30 g/10 min; the amounts of (A1) and (A2) being referred to the total weight of the polymer blend (A).The polymer composition further comprises 20 40% by weight of a talc mineral filler (B); the amount of components (B) being referred to the total weight of the composition. Optionally the polymer composition further comprises 1 5% by weight of an elastomeric polymer (C) different from (A2) having a hardness (Shore A ASTM D 2240) value equal to or lower than 80 points; the amount of components (C) being referred to the total weight of the composition.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012

(21) Application No.3971/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELECTRIC MOTOR

(51) International classification :H02K
(31) Priority Document No :2011-214173
(32) Priority Date :29/09/2011
(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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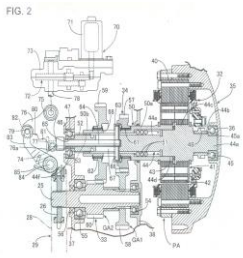
2)NAKAMURA, KAZUHIKO
3)FUJIMOTO, YASUSHI
4)FUJIKUBO, MAKOTO
5)KOBAYASHI, NAOKI

(57) Abstract :
[Technical Problem] In an electric motor including a stator and a rotor located at a predetermined spacing from the stator, the accuracy control is facilitated, the amount of magnetic flux is able to be changed, and variation in products has less effect. [Solution] A rotor 41 placed inside or outside of a stator 40 in the radius direction includes a fixed rotor 42 fixed in a position along a rotation axis of the rotor 41, and a movable rotor 43 allowed to approach/separate from the fixed rotor 42 and to move in a direction along the rotation axis. [Selected Drawing] Fig. 2



No. of Pages : 48 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012

(21) Application No.3973/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PERIODIC MOTION DETECTION IN MULTIMEDIA CONTENT

(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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(72)**Name of Inventor :**
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2)Krishna Annasagar Govindarao
3)Ravi Shenoy

(57) Abstract :
In an example embodiment a method apparatus and computer program product are provided. The method includes facilitating selection of a region of interest (ROI) in a plurality of frames of a multimedia content. The ROI is associated with a motion of at least one object. An object mobility data matrix associated with the ROI is determined in the plurality of frames. The object mobility data matrix is indicative of a difference in motion of the at least one object in the plurality of frames. A projection of the object mobility data matrix is determined on a line. The motion of the at least one object in the ROI is determined across the plurality of frames to as a periodic motion or a non-periodic motion based on the projection of the object mobility data matrix.

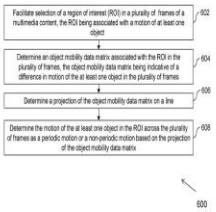

FIGURE 6

No. of Pages : 44 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7968/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR PRODUCING FRESH WATER

(51) International classification :C02F1/44,B01D61/02,B01D61/06
(31) Priority Document No :2010057113
(32) Priority Date :15/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/055538
Filing Date :09/03/2011
(87) International Publication No :WO 2011/114967
(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)TAKABATAKE Hiroo
3)MAEDA Tomohiro

(57) Abstract :
The present invention relates to a method for producing fresh water, the method including feeding raw water to a semipermeable membrane to obtain fresh water, in which water having a solute concentration different from that of the raw water is fed and mixed with the raw water according to changes of a flow rate of fresh water of the semipermeable membrane unit and/or operating pressure of the semipermeable membrane unit.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7969/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ELECTRODE ARM OF A METALLURGICAL MELTING FURNACE

(51) International classification :F27D11/08,H05B7/10
(31) Priority Document No :10 2010 008 503.0
(32) Priority Date :18/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051773
Filing Date :08/02/2011
(87) International Publication No :WO 2011/101271 A1
(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)FEHLEMANN Gereon
2)LIEFTUCHT Dirk

(57) Abstract :
The invention relates to an electrode arm (1) of a metallurgical melting furnace especially an arc furnace the electrode arm (1) having at least one measuring element (2) for measuring a physical variable. To allow improved and more precise measurement of the physical variable required for operation of the furnace the measuring element (2) is designed to measure the temperature and/or the mechanical elongation of the electrode arm (1) the measuring element (2) comprising at least one optical waveguide (3) which extends along the longitudinal extension (L) of the electrode arm (1) in at least some sections.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2012

(21) Application No.8160/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND APPARATUS FOR COMPRESSION AND DE COMPRESSION OF SPECTRAL DATA

(51) International classification :H03M7/30
(31) Priority Document No :1004667.0
(32) Priority Date :22/03/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2011/053271
Filing Date :04/03/2011
(87) International Publication No :WO 2011/117054
(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)SHAYLOR Ian
2)CLIFTON David

(57) Abstract :
A method and apparatus for data compression particularly applicable to spectral signals such as Fast Fourier Transforms of vibration data. The data is merged to remove redundant frequencies when recorded at multiple sample rates thresholded with respect to a noise floor to remove even more redundant data and then the positions of non zero signal values with respect to the noise floor are recorded in a first dataword and the non zero signal values themselves are all recorded concatenated to form a second dataword. The compressed data set consists of the first and second datawords together with the value of the noise floor maximum original amplitude and the broadband power. In the event of successive data sets having the same or similar locations for non zero signal values a re use flag may be set and the locations dataword discarded. Preferably the signal values are non linearly quantized to further reduce the amount of data.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2012

(21) Application No.3082/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TEMPERATURE MONITORING AND INDICATING FASTENER USING BIMETAL

(51) International classification :F16B
(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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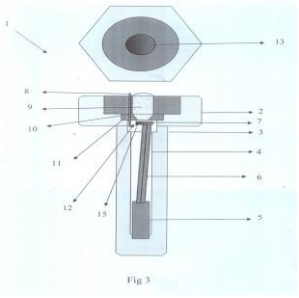
1)SATHISH KUMAR
2)ANKUR AGARWAL

(57) Abstract :
The present invention relates to an apparatus (1) for monitoring and indicating temperature in the vicinity of fastener, the apparatus comprising of a fastener head (2), a shank (3) extended longitudinally from the head (1) and defining with the head a central bore (4) extended completely into said shank (3), a holder (5) capable of being holding one end of temperature sensing means (6) is disposed in said bore (4) and fixed to said shank (3) by suitable means; an indicator (7) arranged with a snap feature (15) fixed to top end of temperature sensing means (6), an indicator window (11) fixed suitably above cylindrical portion of said bore and a reset and retainer means (8,10) provided with a snapping feature (12) is fixed suitably to said indicator window (11) to snap and unsnap with the snap feature of color indicating means for increase and decrease of temperature in the vicinity of said fastener. Fig 3.



No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2012

(21) Application No.3514/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MULTI PLANE MIXER AND SEPARATOR (MPMS) SYSTEM

(51) International classification :B01F
(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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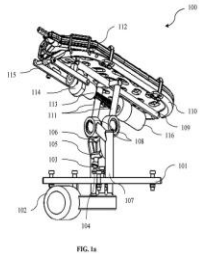
3)Nancy Priya
4)Murali Cherat
5)Prajod Thiruvambattil Lohidhakshan
6)Manjunath Byalappa Sathya Kumar

(57) Abstract :
MULTI PLANE MIXER AND SEPARATOR (MPMS) SYSTEM • ABSTRACT The present disclosure provides a multi plane mixer and separator (MPMS) system. The system comprises a base frame of predetermined shape configured to form a base for the MPMS system. A motor is mounted to the base frame for rotating the MPMS system. A ball joint mechanism is fixed to the motor using a link and other end of the ball joint mechanism is coupled to a fork. A container holding frame is connected to the fork using bars wherein said container holding frame is capable of tilting up to 1200 with respect to the base frame. And an MPMS container of predetermined shape detachably mounted on the container holding frame for mixing fluids of different density. FIG. 1



No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2012

(21) Application No.8170/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HYBRID SADDLE RIDDEN VEHICLE

(51) International classification :B62M23/02,B60K6/40,B62K25/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/054965
Filing Date :23/03/2010
(87) International Publication No :WO 2011/117966
(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)KUROKI Masahiro

(57) Abstract :
Disclosed is a hybrid saddle ridden vehicle wherein the output of a drive motor has been improved the drive motor has been unitised and can be assembled onto a rear wheel drive shaft and the rear wheel drive mechanism has been simplified improving design flexibility. The vehicle is provided with: a driving force transmitting mechanism (62) which transmits the motive power of an internal combustion engine (E) from one side of a swing arm (7) in the width wise direction of the vehicle to a drive shaft (52) of a rear wheel (WR); and an electric motor (63) which transmits drive force from the other side in the width wise direction of the vehicle to the drive shaft (52). One end of the electric motor (63) in the width wise direction of the vehicle extends in the axial direction from a motor housing (90) which contains a stator (95) and a rotor (94) and is fitted to and supported by an outer hub (86) via a bearing (105). A rotating shaft (93) in the electric motor (63) is connected to the drive shaft (52) and transmits driving force.

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2012

(21) Application No.8171/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PISTON COOLING DEVICE

(51) International classification :F01M1/08
(31) Priority Document No :2010037701
(32) Priority Date :23/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/053852
Filing Date :22/02/2011
(87) International Publication No :WO 2011/105374
(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)KOSAKA Seiji
6)KAWAMURA Yasuhiro
7)NEGISHI Junya
8)TSUKAMOTO Yoshito

(57) Abstract :
Disclosed is a piston cooling device wherein the cooling efficiency of a piston is improved by oil injected from an oil jet and supplied to a cooling passage provided in the piston and the amount of cooling oil is reduced when an internal combustion engine is operated at maximum output. The piston cooling device is provided with a piston (20) for an internal combustion engine in which a circumferential passage (50) and a cooling passage (C) having an inlet passage (30) and an outlet passage (40) are provided and an oil jet (90) for injecting oil from an injection port (94) to the inlet passage (30). The oil jet (90) injects oil at every stroke of the piston (20) so that a two phase plug flow composed of gas and oil is formed in the cooling passage (C) at least when an internal combustion engine (E) is operated at maximum output. The injection speed of oil at the injection port (94) is not higher than the maximum speed of the piston (20) when the internal combustion engine is operated at maximum output.

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.3946/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITION OF ADEFOVIR DIPIVOXIL

(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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2)PAI, RAVEENDRA
3)CHAKRABORTY, SANTANU
4)DESHMUKH, ABHIJIT MUKUND

(57) Abstract :
The invention relates to stable pharmaceutical composition and its process for preparation, comprising adefovir dipivoxil or its solvates and one or more pharmaceutically acceptable excipient(s) for oral administration, wherein the composition is devoid of any stabilizer and desiccant as a packaging aid. More specifically, the invention relates to oral tablet and its process for preparation, comprising adefovir dipivoxil or its solvates and one or more pharmaceutically acceptable excipient(s), wherein the tablet is devoid of any stabilizer and desiccant as a packaging aid.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012

(21) Application No.4053/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TRANSMISSION SYSTEM FOR WORK VEHICLES

(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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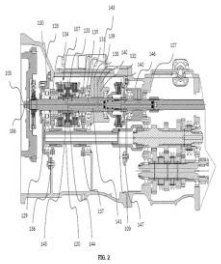
2)K.V.V.Srinivasa Rao
3)Jagannathan Vasu
4)Amit More

(57) Abstract :
A transmission system for work vehicles includes a clutch section at forward end of housing. The clutch section comprises a damper plate that is secured with a flywheel of an engine and has a through hole along the central axis thereof to engage a forward end of an input drive shaft. A forward-reverse clutch pack is disposed inside a clutch housing and supported onto the input drive shaft to change direction of rotation received through the input drive shaft between clockwise and anticlockwise at a transmission drive shaft that is rotatably supported with the clutch housing to transfer engine power to a speed change section. A power take-off clutch pack is disposed inside the clutch housing and rotatably supported at a rear end of the input drive shaft to transfer power received through the input drive shaft to a power take-off transmission section. Reference fig: 2



No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.8181/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COLUMNAR ALUMINUM TITANATE AND METHOD FOR PRODUCING SAME

(51) International classification :C04B35/478,C01G23/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/055376
Filing Date :26/03/2010
(87) International Publication No :WO 2011/118025
(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)MORI Hiroyoshi
3)MISHIMA Takahiro
4)OGAWA Hidetoshi

(57) Abstract :
Provided are aluminum titanate capable of providing a sintered body having a low coefficient of thermal expansion, a high porosity, and high mechanical strength, a production method of the same, and a sintered body of the columnar aluminum titanate. The columnar aluminum titanate has an average aspect ratio (= (number average major-axis length) / (number average minor-axis length)) of 1.5 or more and its magnesium content is preferably within the range of 0.5% to 2.0% by weight relative to the total amount of titanium and aluminum in terms of their respective oxides.

No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.8182/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LED LAMP FOR HOMOGENEOUSLY ILLUMINATING HOLLOW BODIES

(51) International classification :F21K99/00
(31) Priority Document No :10 2010 013 286.1
(32) Priority Date :29/03/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/001510
Filing Date :25/03/2011
(87) International Publication No :WO 2011/124331
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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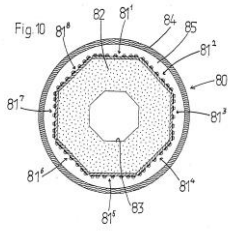
1)PEIL Michael
2)OSWALD Florin
3)MAIWEG Harald

(57) Abstract :
The invention relates to a lighting device (40 - 40, 45 - 45, 50 - 50, 60, 80, 93 - 93) for the uniform illunnination of curved, uneven, or polyhedral surfaces, comprising a plurality of flat chip-onboard LED modules (1, 11, 11, 21, 31, 41 -41, 46-46, 51 -51, 61 -61, 71 -71, 8V - 81), which are arranged adjacent to each other at least in pairs, wherein each chip-on-board LED mod-ule (1, 11, 11, 21,31,41-41, 46-46, 51 -51, 61 -61, 71 - 71, 81 - 81) has a plurality of light-emitting LEDs (4, 4, 14, 14, 24, 34, 64, 72). The invention further relates to a lighting unit and to a use. The lighting device (40 - 40, 45 - 45, 50 - 50, 60, 80, 93 - 93) according to the invention is characterized in that at least one pair of the adjacent chip-on-board LED modules (1, 11, 11, 21, 31,41 -41, 46-46, 51 -51, 61 -61, 71 - 71, 8V - 81) is arranged at an angle greater than 0° with respect to the surface normal of the modules. (in connection with Fig. 10)



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.8191/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CHARGER AND CHARGING APPARATUS

(51) International classification :H02J7/10
(31) Priority Document No :2010041823
(32) Priority Date :26/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/000374
Filing Date :25/01/2011
(87) International Publication No :WO 2011/105005
(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)FUDA Kazuo

(57) Abstract :
Disclosed is a charger and a charging apparatus wherein decrease in the withstanding voltage and mechanical deterioration of electrode plates of a rechargeable battery can be alleviated and the charging time can be shortened. The charger (10) for charging the rechargeable battery is provided with: a first output unit that outputs a first voltage; a second output unit that outputs a second voltage having a prescribed voltage value different from the first voltage; a charge control unit (16) that inputs the first voltage and the second voltage and outputs those voltages alternately and supplies those voltages to the rechargeable battery as charging voltages; a charged amount detection unit (14) that measures the amount of electricity charged in the rechargeable battery; and an output control unit (15) that carries out a control wherein the period of time during which the first voltage and/or the second voltage are outputted by the charge control unit (16) is made to be longer as the charged amount increases.

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012
(21) Application No.8192/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SHUT OFF VALVE FAULT DIAGNOSIS DEVICE

(51) International classification :F02M21/02,F02D19/06
(31) Priority Document No :2010062674
(32) Priority Date :18/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050037
Filing Date :05/01/2011
(87) International Publication No :WO 2011/114754
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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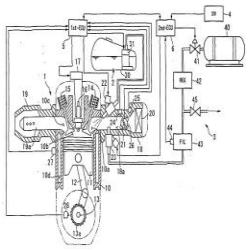
2)FURUSU Tomoyuki

(57) Abstract :
Provided is a shut off valve fault diagnosis device that performs fault diagnosis on a shut off valve having a first valve element which is opened first when the power is turned on and a second valve element which is opened by the drop in differential pressure between upstream and downstream after the valve has been opened. The device is provided with a diagnosis processing unit that infers the open/close state of the first and second valve elements from the time variation characteristics of the downstream pressure of the valve being diagnosed and performs fault diagnosis on the valve being diagnosed from the actual measurements of downstream pressure on the basis of the inference results.



No. of Pages : 42 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.8193/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : JOINT CONNECTOR AND METHOD FOR IDENTIFYING BUS BAR PATTERN IN JOINT CONNECTOR

(51) International classification :H01R31/08
(31) Priority Document No :2010070561
(32) Priority Date :25/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/058368
Filing Date :25/03/2011
(87) International Publication No :WO 2011/118851
(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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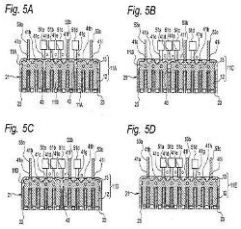
2)ISHIKAWA Jun

(57) Abstract :
A joint connector includes a bus bar and a housing. The bus bar juxtaposes plural tab pieces to be connected to mating terminals. The housing has a bus bar accommodating part accommodating the bus bar and includes plural terminal receiving chambers for receiving the mating terminals. The housing is formed with plural continuity check holes at a back end of the housing so as to expose a back end of the bus bar. In a case where the plural bus bars are accommodated in the bus bar receiving parts at least one of the continuity check holes is positioned between the adjacent bus bars and the at least one of the continuity check holes is formed in a resin sealed part filled with an insulating resin material.



No. of Pages : 26 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.8194/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INFORMATION PROCESSING DEVICE DISPLAY CONTROL METHOD PROGRAM AND RECORDING MEDIUM

(51) International classification :G06F
(31) Priority Document No :2010072551
(32) Priority Date :26/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/055913
Filing Date :14/03/2011
(87) International Publication No :WO/2011/118431
(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)TAMURA Norimasa

(57) Abstract :
Disclosed are an information processing device display control method program and recording medium capable of improving operability according to the degree of opening or closing of the device. For the disclosed information processing device a first housing provided with a first display unit and a second housing provided with a second display unit are movably joined via a joining portion wherein the first and second display units are each provided with an input unit for receiving operation input by sensing contact to the display unit respectively. The disclosed information processing device is provided with an angle detection means for detecting an angle formed by the first chassis and the second chassis; a storage means for assuming difficult to operate areas of the display units as access disabled areas associating thereof with an angle and storing thereof; and a display control means for taking into consideration the access disabled areas corresponding to the detected angle in controlling the display units.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8003/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR PRODUCTION OF CYCLOPROPANECARBOXYLIC ACID ESTER COMPOUND

(51) International classification	:C07C249/08,C07C251/40,C07C253/00
(31) Priority Document No	:2010041892
(32) Priority Date	:26/02/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/055010 :25/02/2011
(87) International Publication No	:WO 2011/105632
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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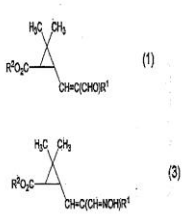
2)KIJI Toshiyuki
3)OHSHITA Jun
4)SOMYO Toshio
5)KASHIWABARA Manabu
6)MIYANAGA Yoko

(57) Abstract :
A method comprising an oximation step of reacting a formylalkenylcyclopropanecarboxylic acid ester represented by the formula (1): (wherein, R1 represents an alkyl group optionally having substituent(s) or halogen atom(s), and R2 represents an alkyl group optionally having substituent(s) or a benzyl group optionally having substituent(s).) and hydroxylamine in a solvent in the presence at least one compound selected from the group consisting of carboxylic acids and carboxylic acid metal salts, to produce a hydroxyiminoalkenylcyclopropanecarboxylic acid ester represented by the formula (3): (wherein, R1 and R2 are as defined above.).



No. of Pages : 68 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8004/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CLINICAL PAYMENT NETWORK SYSTEM AND METHODS

(51) International classification	:G06Q40/00
(31) Priority Document No	:61/306425
(32) Priority Date	:19/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/025570
Filing Date	:19/02/2011
(87) International Publication No	:WO 2011/103523
(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)DURLING Michael
3)CAMPOS Carlos

(57) Abstract :
A complex set of performance related requirements defined initially in a clinical trial agreement are functionally evaluated to determine an action responsive to a successful evaluation. A first message identifying a first event initiated transaction within the performance of a clinical trial provides an identification of an investigator and a first event defined data set. Executable template code blocks specific to the clinical trial and investigator are retrieved from a distributed database. The executable template code blocks represent declarative statements that represent discrete operational and financial requirements derived from the clinical trial agreement corresponding to the clinical trial and investigator. An application is executed to determine whether the first event data evaluates successfully against the executable template code blocks. Successful evaluation generates a second event that provides a second message including the identification of the investigator clinical trial and a second event defined data set to the distributed computer system.

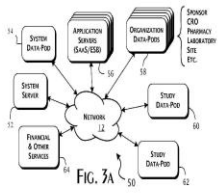

FIG. 3A

No. of Pages : 58 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8005/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN ELECTRIC PLANT WITH CAPACITY TO CHARGE ELECTRIC BATTERIES

(51) International classification :H02J7/00,B60L11/18,H02M7/49
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/052226
Filing Date :23/02/2010
(87) International Publication No :WO 2011/103911
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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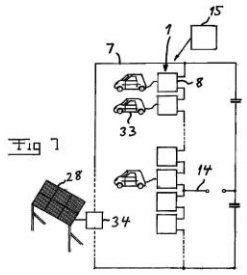
(72)**Name of Inventor :**
1)DEMETRIADES Georgios
2)PAPASTERGIOU Konstantinos
3)SANNINO Ambra

(57) Abstract :
An electric plant with a capacity to charge electric batteries is a plant for transmitting electric power comprising a Voltage Source Converter (1) an alternating voltage network (14) connecting an alternating voltage side of the converter and a direct voltage part (7) connected to the direct voltage side of the converter. The converter (1) has a series connection of switching cells (8) having each at least one energy storing capacitor. Electric batteries may be connected in parallel with said capacitor and the charging state thereof may be influenced by controlling the switching cells of the Voltage Source Converter through a control arrangement (15).



No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.8203/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ANTIMICROBIAL PLASTIC COMPOSITIONS AND METHODS FOR PREPARING SAME

(51) International classification :C08K5/19,C08K5/54,A01N33/12
(31) Priority Document No :12/731894
(32) Priority Date :25/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/000554
Filing Date :25/03/2011
(87) International Publication No :WO 2011/119237
(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)DVORAK Michael

(57) Abstract :
An antimicrobial plastic composition suitable for any non foamed application includes an antimicrobial compound uniformly dispersed in a plastic. The antimicrobial compound is selected from the group consisting of silanol quaternary ammonium compounds and salts thereof (SQACs) having a hydroxyl or hydrolyzable silane group capable of undergoing a condensation polymerization reaction to form a homo or copolymer and/or forming a covalent bond with the plastic and/or other components in the plastic composition. Also described are methods for preparing an antimicrobial plastic composition including: (i) uniformly dispersing an antimicrobial compound in a plastic; (ii) forming a shaped article; and (iii) optionally exposing the shaped article obtained in (ii) to moisture or steam. The antimicrobial plastic composition can provide an article which is non leaching environmentally safe non toxic with surface renewability durable antimicrobial properties and also has improved physical and chemical properties such as tensile strength static dissipation and chemical resistance.

No. of Pages : 50 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.3863/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD FOR THE PREPARATION OF IMMOBILIZED GRAPHENE-BASED COMPOSITE FROM ASPHALT AND ITS APPLICATION IN WATER PURIFICATION

(51) International classification :E01C
(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)SOUJIT SENGUPTA
3)THERUVAKKATTIL SREENIVASAN SREEPRASAD
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(57) Abstract :
A method for the preparation of graphenic material from asphalt and its application in water purification.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012

(21) Application No.4059/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MODULAR POWER DISTRIBUTION MODULE

(51) International classification :H01R
(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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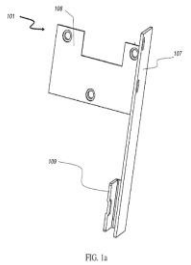
1)Sachin Ashok Pawar
2)Vaijayanti Vinayak Aole
3)Ibrahim Hasan Mulla
4)Vijaykumar Bhalchandra Khole

(57) Abstract :
A modular power distribution module (100) is disclosed having a clamping member (101) which includes a first clamping bar (107) adapted to be engaged with a second clamping bar (108). The first clamping bar (107) includes a holding member (109) to hold a first sub-assembly component (104). A latching member (103) is provided to join the first sub-assembly component (104) to a second sub-assembly component (106). The first sub-assembly component (104) and second sub-assembly component (106) include a first frame (105a) and a second frame (105b) repectively. A connecting member (102) is provided to connect the first sub-assembly component (104) with the second clamping bar (108). Reference Fig. 1



No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

(21) Application No.8031/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : EYEGLASS DEVICE AND CONTROL METHOD OF EYEGLASS DEVICE

(51) International classification :H04N13/04
(31) Priority Document No :61/422416
(32) Priority Date :13/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/006735
Filing Date :01/12/2011
(87) International Publication No :WO 2012/081181
(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)MIHARA Kazuhiro
3)IMAI Masashi
4)KANESHIRO Norikazu

(57) Abstract :
An eyewear device which adjusts a transmitted light amount to a left eye and a right eye of a viewer to perform an assistance operation, which assists the viewer in viewing images so that the viewer stereoscopically perceives the images, comprising: a receiver configured to receive a synchronization signal in synchronization with display of the images; and a controller which analyzes a signal configuration of the synchronization signal after power supply is started for the assistance operation, and switches a control mode between a first control mode and a second control mode, which is different from the first control mode, based on an analysis result of the signal configuration.

No. of Pages : 49 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

(21) Application No.8032/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR PRODUCING AQUEOUS DISPERSIONS OF THERMOPLASTIC POLYESTERS

(51) International classification :B01F7/00,C08G63/16,C08G63/183
(31) Priority Document No :10157652.8
(32) Priority Date :24/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/054471
Filing Date :23/03/2011
(87) International Publication No :WO 2011/117308
(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)REN Liqun
2)FERNANDEZ RAMIREZ Gimmy Alex
3)YAMAMOTO Motonori
4)SEYFFER Hermann
5)SKUPIN Gabriel

(57) Abstract :
The present invention relates to a process for producing aqueous dispersions of thermoplastic polymers which have a plurality of ester groups and/or carbonate groups in the main polymer chain and which have an acid number of less than 5 mg KOH/g, in particular at most 3 mg KOH/g, and which have a zero-shear viscosity H 0 (180°C) of at least 60 Pa.s at 180°C. The invention also relates to the polymer dispersions obtainable by said process, and to the use thereof.

No. of Pages : 55 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

(21) Application No.8033/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 4 CYCLOHEXYL 2 METHYL 2 BUTANOL

(51) International classification :C07C29/44,C07C31/135
(31) Priority Document No :10157654.4
(32) Priority Date :24/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/054559
Filing Date :24/03/2011
(87) International Publication No :WO 2011/117360
(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)RDENAUER Stefan
3)PELZER Ralf
4)BOCK Martin

(57) Abstract :
The present invention relates to a process for the preparation of 4 cyclohexyl 2 methyl 2 butanol. The process involves the following steps: a) reaction of styrene with isopropanol at elevated temperature giving 4 phenyl 2 methyl 2 butanol and b) heterogeneous catalytic hydrogenation of 4 phenyl 2 methyl 2 butanol over a catalyst suitable for the ring hydrogenation of aromatics.

No. of Pages : 33 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012
(21) Application No.8240/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SUBFRAME DEPENDENT TRANSMISSION POWER CONTROL FOR INTERFERENCE MANAGEMENT

(51) International classification :H04W52/34,H04W52/24
(31) Priority Document No :61/317648
(32) Priority Date :25/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/030014
Filing Date :25/03/2011
(87) International Publication No :WO 2011/119973
(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)CHEN Wanshi
2)JI Tingfang

(57) Abstract :
According to certain aspects transmission power control may be applied to uplink transmissions in a subframe type dependent manner as part of an interference management scheme.

No. of Pages : 41 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012

(21) Application No.8243/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PYRETHRINOID TYPE ESTERS AS PESTICIDES

(51) International classification :C07C255/31,A01N53/00,A01P7/04
(31) Priority Document No :2010081660
(32) Priority Date :31/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/057502
Filing Date :18/03/2011
(87) International Publication No :WO 2011/122508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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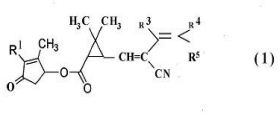
(72)**Name of Inventor :**
1)MATSUO Noritada

(57) Abstract :
11345An ester compound represented by formula (1): wherein R represents R represents 2 propenyl or 2 propynyl; R represents hydrogen or methyl R represents hydrogen or C1 C4 alkyl and R represents hydrogen or C1 C4 alkyl; has an excellent pest control effect and is therefore useful as an active ingredient of a pest control agent.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No. of Pages : 97 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3103/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD FOR MONITORING AQUEOUS SOLUTION CONSUMPTION DEVIATION

(51) International classification :G01S
(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)BIREN MAHANTY

(57) Abstract :
A method of estimating total flow of an aqueous solution (72) in a closing path (40), said method comprising the steps, determining a total flow in a delivery path (60), determining a total flow in a return path (50) and estimating a total flow in said dosing path (40) by the difference of the total flow in the delivery path (60) and the total flow in the return path (50). Figure 1.

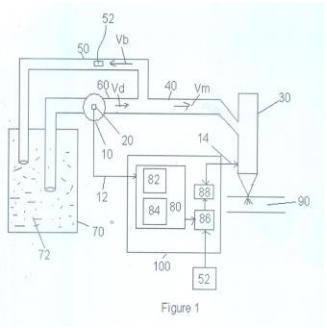

Figure 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2012

(21) Application No.3272/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CONTROL DEVICE FOR VEHICLE •

(51) International classification :H02J
(31) Priority Document No :2011-214922
(32) Priority Date :29/09/2011
(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 :**
1)Seiji BITO

(57) Abstract :
A control device for a vehicle including an engine stop and start device includes a battery and a vehicle speed detecting unit and includes a battery current detecting unit a battery temperature detecting unit a deceleration state detecting unit a fuel supply stop unit an average charging current calculating unit and an SOC estimating unit. The control device calculates with the average charging current calculating unit an average of a battery current in a predetermined time from detection of a stop of fuel supply to an engine in a deceleration state of the vehicle. The control device permits a stop of the engine when an SOC calculated by the SOC estimating unit is larger than a predetermined value.

No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.3357/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR ON-THE-FLY LEARNING OF FACIAL ARTIFACTS FOR FACIAL EMOTION RECOGNITION

(51) International classification	:G06K, G06T7/00
(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)Balasubramanian Anand
2)Sudha Velusamy
3)Hariprasad Kannan
4)Viswanath Gopalakrishnan
5)Anshul Sharma
6)Pratibha Moogi

(57) Abstract :
A method and system for recognition of emotions of the user in the present of facial artifacts is disclosed. The method learns the facial artifacts on-the-fly and thereby generating reliability metric on selected Action Units (AU). This helps successive classification engine to rely on those Action Units which are not significantly affected by present facial artifacts. This can also helps emotion recognition engine to be robust against different camera positions. FIG. 3

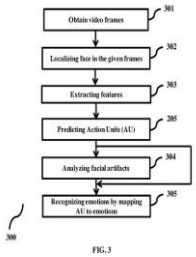

FIG. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012

(21) Application No.4011/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PLANT CONTROL APPARATUS PLANT CONTROL METHOD AND NON-TRANSITORY COMPUTER-READABLE RECORDING MEDIUM •

(51) International classification	:C12N
(31) Priority Document No	:2011-217130
(32) Priority Date	:30/09/2011
(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

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOSHIBA
Address of Applicant :1-1 Shibaura 1-chome Minato-ku Tokyo Japan
(72)**Name of Inventor :**
1)MASUO YAMASAKI
2)AKIMASA NAKAI
3)AKINORI TANI

(57) Abstract :
In accordance with an embodiment, a plant control apparatus includes a deviation calculation unit, a velocity-type P1D calculation unit, a plurality of integral calculation units, a plurality of overwrite units, and an automatic balance unit. The deviation calculation unit calculates a deviation between a process value from a plant with operation terminals and a set value corresponding to a control object, and generates a deviation signal, The velocity-type PID calculation unit generates a velocity-type operation amount command signal corresponding to the. deviation. The integral calculation units generate position command signals as defined operation terminal position command signals. The overwrite units generate additional position command signals to perform overwrite processing and newly define operation terminal position command signals. The automatic balance unit calculates a deviation between the defined operation terminal position command signals, corrects the operation amount command signal and supplies the corrected operation amount command signal.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2012

(21) Application No.8259/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VEHICLE DRIVE DEVICE

(51) International classification :B60K6/365,B60K6/40,B60K6/445
(31) Priority Document No :2010081009
(32) Priority Date :31/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056313
Filing Date :16/03/2011
(87) International Publication No :WO 2011/125446
(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)HONDA MOTOR CO. LTD.
Address of Applicant :1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan
(72)**Name of Inventor :**
1)OKUBO Shinichi
2)KISHI Takayuki

(57) Abstract :
A reverse gear stage (28) which is connected to a second input shaft (16) and is selectively connected to a first input shaft (11) by means of a third switching device (53) is provided in a transmission mechanism (20) of a vehicle drive device (1). By means of the power of either an engine (6) and/or a motor (7) it is possible to cause the first input shaft (11) to rotate in a direction reverse to a forward travel direction thereby permitting reverse travel. By means of a first switching device (51 61) it is possible to select a plurality of gears in the group of odd numbered gears.

No. of Pages : 70 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3094/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BIARYL POLYCARBONATE INTERMEDIATE TRANSFER MEMBERS

(51) International classification :C07D
(31) Priority Document No :13/196,141
(32) Priority Date :02/08/2011
(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)WU, JIN

(57) Abstract :
An intermediate transfer member comprising a biaryl polycarbonate.

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3095/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : COMPRESSOR

(51) International classification :F01M
(31) Priority Document No :2011-170342
(32) Priority Date :03/08/2011
(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

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan
(72)**Name of Inventor :**
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2)SHINICHI SATO
3)KAZUO KOBAYASHI
4)AKIO SAIKI
5)AKIHIRO NAKASHIMA
6)SHINSUKE ASOU

(57) Abstract :
A compressor has auxiliary and main oil reservoir chambers that retain lubricant oil that is separated from refrigerant in an oil separation chamber. A part of the auxiliary oil reservoir chamber is defined by a peripheral wall of the oil separation chamber. An introducing passage for introducing lubricant oil in the oil separation chamber to the auxiliary oil reservoir chamber is formed in the peripheral wall. The inlet of the introducing passage opens to the oil separation chamber on the inner surface of the peripheral wall. The outlet of the introducing passage opens to the auxiliary oil reservoir chamber. The main oil reservoir chamber is located below the auxiliary oil reservoir chamber in the direction of gravity. A drain port for draining lubricant oil in the auxiliary oil reservoir chamber to the main oil reservoir chamber is formed in a bottom wall of the auxiliary oil reservoir chamber.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2012

(21) Application No.3615/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : YANK ESTIMATION FOR A ROAD VEHICLE

(51) International classification :B60T
(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)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
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2)ROBERT BOSCH GMBH
(72)**Name of Inventor :**
1)AMIT PHAL
2)ARJUN BHAT
3)GURUDAS KARNATAKI
4)PRAKASH JOGA
5)SANDEEP JAMBLI
6)RAMAKRISHNAN R
7)CHANDRA KIRAN

(57) Abstract :
A yank estimation means in a vehicle for estimating yank of the vehicle is disclosed. The yank is estimated for a vehicle, especially a motorcycle, when the vehicle is traversing over an uneven road surface like road hump or a ditch in the road. The yank estimation means comprises a first detection means for determining a longitudinal acceleration of the vehicle, a second detection means for determining a vertical acceleration of the vehicle, a first estimation means for estimating an initial velocity of the vehicle depending on the longitudinal acceleration of the vehicle and the vertical acceleration of the vehicle and a second estimation means for estimating the yank of the vehicle depending on the estimated initial, velocity of the vehicle. (Figure 1)

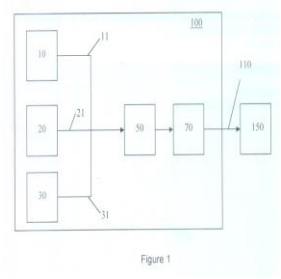

Figure 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/09/2012

(21) Application No.3710/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND SYSTEM FOR SIGNALING RESOURCE ALLOCATION IN AN ASYMMETRIC MULTICARRIER SYSTEM

(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NIGAM Anshuman
2)AGIWAL Anil
3)CHANG Youngbin

(57) Abstract :
ABSTRACT The present invention provides a method and system for signaling resource allocation information in an asymmetric multicarrier communication network. In an asymmetric multicarrier communication network, a mobile station (MS) communicates with a base station (BS) using asymmetric carriers consisting of at least one low frequency carrier (e.g., primary carriers) in a cellular band and at least one high frequency carrier (e.g., secondary carriers) in a millimeter Wave band. In one embodiment, the BS allocates resources for one or more transmit time intervals (TTIs) in at least one of DL allocation interval of a secondary DL carrier and UL allocation interval of a secondary UL carrier for the MS, where the DL allocation interval spans one or more subframes of the secondary DL carrier and the UL allocation interval spans one or more subframes of the secondary UL carrier. The BS then transmits information regarding the allocated resources to the MS in a Packet Data Control Channel (PDCCH) region of a subframe of the primary DL carrier. Figure 3

No. of Pages : 87 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012

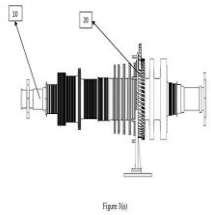
(21) Application No.4025/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A MEANS FOR ASSEMBLING SKEWED AXIAL ENTRY BLADES ON TO A DISC OF A ROTOR IN A STEAM TURBINE

(51) International classification :F01D
(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 :1985/CHE/2010
Filed on :13/07/2010
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Triveni Turbine Limited
Address of Applicant :12A Peenya Industrial Area Bangalore. Karnataka India
(72)**Name of Inventor :**
1)G Prakash Naidu

(57) Abstract :
A means for assembling skewed axial entry blades on to a disc of a rotor 10 in a steam turbine is disclosed as shown in Figure 3(a) wherein the problem of obstruction of shroud of the blades during manual assembling is solved by providing an assembly fixture 20. As a result all the blades can be assembled on to a disc of the rotor 10 at single instance.



No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012

(21) Application No.4026/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DYNAMIC MANAGEMENT OF A CLOUD COMPUTING INFRASTRUCTURE

(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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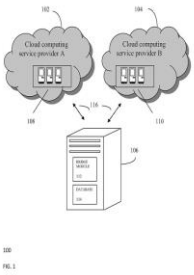
(72)**Name of Inventor :**
1)ADARSH SUPARNA

(57) Abstract :
Provided is a method of dynamically managing a cloud computing infrastructure. A cloud computing infrastructure is configured on a cloud service provider based on a parameter. The parameter is monitored for a variation. If the variation in the parameter is more than a predefined level associated with the parameter an action is performed related to operation of the cloud computing infrastructure. [Figure 1]



No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2012

(21) Application No.3636/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND APPARATUS FOR SELECTION OF ADVERTISEMENTS TO FILL A COMMERCIAL BREAK OF AN UNKNOWN DURATION

(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)NDS Limited
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(72)**Name of Inventor :**
1)KUMAR Hemant

(57) Abstract :
A method of operating a client device is described. The method includes: receiving a user input requesting an event to be displayed; playing out the requested event; identifying a type of the requested event; estimating a duration of a next commercial break occurring in the requested event according to the type; selecting at least one advertisement having a duration corresponding to the estimated duration of the next commercial break; and playing out the at least one advertisement. Related systems apparatus and methods are also described.

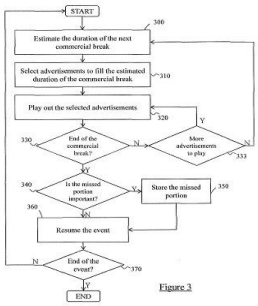

Figure 3

No. of Pages : 54 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2012

(21) Application No.6893/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : OXYGEN CONCENTRATOR

(51) International classification :A61M16/10
(31) Priority Document No :2010003911
(32) Priority Date :12/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050593
Filing Date :07/01/2011
(87) International Publication No :WO 2011/087111
(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)TEIJIN PHARMA LIMITED
Address of Applicant :2 1 Kasumigaseki 3 chome Chiyoda ku Tokyo 1000013 Japan
(72)**Name of Inventor :**
1)YAMAURA Yuki
2)KIRIAKE Hisashi

(57) Abstract :
Provided is an oxygen concentrator in which a set flow rate can be safely and reliably changed by the patient using a remote controller. The oxygen concentrator is characterized by being equipped with a control means which renders a push of a flow rate setting change button effective only when the remote controller receives information about the current set value of the flow rate of the oxygen enriched gas being supplied by the oxygen concentrator main body.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2012

(21) Application No.6894/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND DEVICE FOR REDUCING CONTROL SIGNALING OVERHEAD

(51) International classification :H04W72/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/070141
Filing Date :12/01/2010
(87) International Publication No :WO 2011/085542
(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)LIU Jin
2)ZHU Xudong
3)YOU Mingli
4)SUN Fanglei

(57) Abstract :
The present invention discloses a method and a device for reducing control signaling overhead. The method for reducing control signaling overhead includes the following steps: generating one of multiple downlink control information formats for a scheduling physical uplink shared channel and transmitting said generated one of multiple downlink control information formats for the scheduling physical uplink shared channel wherein each downlink control information format contains the minimum payload required for a particular situation. According to the present invention the signaling overhead is minimized.

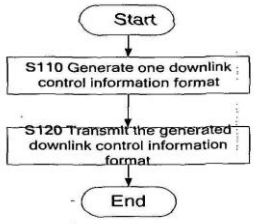

Fig.1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7050/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AIR BATTERY AND AIR BATTERY STACK

(51) International classification :H01M12/06
(31) Priority Document No :2010008118
(32) Priority Date :18/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050553
Filing Date :14/01/2011
(87) International Publication No :WO 2011/087089
(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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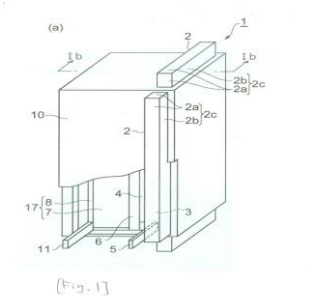
Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan
(72)**Name of Inventor :**
1)SATO Takashi
2)YAMAGUCHI Takitaro

(57) Abstract :
Disclosed is an air battery provided with an electricity generating body containing: a stack consisting of a negative electrode a separator a positive electrode that has a catalyst layer and a positive electrode collector and an oxygen diffusion membrane stacked in that order; and an electrolyte in contact with the negative electrode separator and positive electrode. One of the principal surfaces of the oxygen diffusion membrane is disposed opposite one of the principal surfaces of the positive electrode collector and at least part of the outer edge of the oxygen diffusion membrane is in contact with the outside atmosphere.



No. of Pages : 54 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.3366/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ANTI-COUNTERFEIT SYSTEM AND METHOD

(51) International classification :B65D5/00
(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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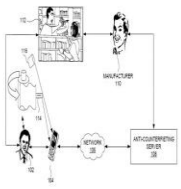
(72)**Name of Inventor :**
1)Anand Vaidyanathan

(57) Abstract :
A package that encloses content is provided. The package includes (i) an exterior that includes a removable portion which tends to be discarded when the package is first opened to access the content (ii) a first code (114) associated with the content that is printed on the removable portion and (iii) an interior that includes a second code (116) associated with the content. The removable portion has to be removed for the content to be accessed. The second code (116) is not visible from outside the package without at least partially removing the removable portion. The first code (114) obtained from the exterior and the second code (116) obtained from the interior of the package is sent to an anti-counterfeiting server (108) for validating a genuineness of the content.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.3367/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A FIXTURE TO FACILITATE IN PERFORMING PITCH MILLING ON THE ROOT OF THE BLADES

(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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Address of Applicant :12A Peenya Industrial Area Bangalore. Himachal Pradesh India
(72)**Name of Inventor :**
1)Subramanya. M

(57) Abstract :
A fixture to faclitate in performing pitch milling on the root of the blades is disclosed as shown in figure 6(a) wherein the problems associated with the conventional fixture like difficulty in achieving a plane surface on the root of the blades unability to lock blades firmly to the fixture and long set up time are eliminated by providing a new fixture. As a result a simple fixture on which blades can be locked firmly and through which uniform flat surface on the root of the blades can be achieved easily is obtained.

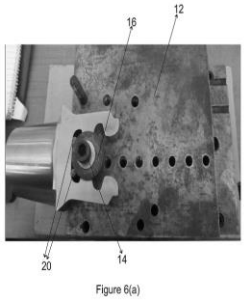

Figure 6(a)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2012

(21) Application No.3464/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ACRYLAMIDE COMPOUNDS AS HISTAMINE H3 RECEPTOR LIGANDS

(51) International classification :C07K14/00,C07K16/00,C12N15/00
(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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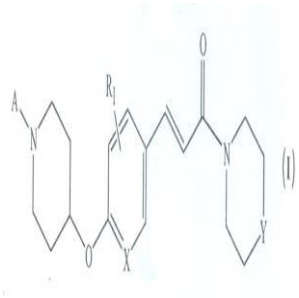
2)SHINDE, ANIL, KARBHARI
3)DWARAMPUDI, ADI, REDDY
4)JASTI, VENKATESWARLU

(57) Abstract :
The present invention relates to novel acrylamide compounds of formula (I), and their pharmaceutically acceptable salts and process of their preparation. The compounds of formula (I) are useful in the treatment of various disorders that are related to Histamine H3 receptors.



No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2012

(21) Application No.3480/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DELIVERING CONTENT TO A USER

(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)HAMISH PATEL

(57) Abstract :
A content recognition server 106 is provided. The content recognition server 106 includes a hardware processor (202), and a memory (204) storing a database (206), and instructions to configure the hardware processor (202). The database (206) stores information associated with a list of contents. The hardware processor (202) is configured by the instructions to: obtain a first screen image that includes a first broadcasting content, identify a first content from the list of contents in the database (206), based on the channel and the first screen image, and transmit, to a user device (104), a first content information associated with the first content based on the first screen image and the first broadcasting content.

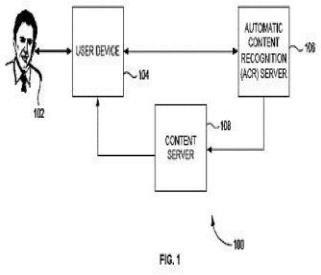

FIG. 1

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2012

(21) Application No.3667/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : VACUUM COMPATIBLE HIGH-DENSITY ELECTRICAL INTERCONNECT SYSTEM

(51) International classification :H01L
(31) Priority Document No :61/532,272
(32) Priority Date :08/09/2011
(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)GERARD A. ESPOSITO
2)DENNIS P. BOWLER

(57) Abstract :
A vacuum compatible high-density electrical interconnect system for use in a vacuum environment is disclosed. In one embodiment, the vacuum compatible highdensity electrical interconnect system includes a vacuum compatible base plate, a vacuum compatible printed wiring board (PWB) disposed on the vacuum compatible base plate and a vacuum compatible interposer module disposed in the vacuum compatible base plate. Further, the vacuum compatible PWB includes a plurality of components on a front side of the vacuum compatible PWB and a plurality of associated pads on a back side of the vacuum compatible PWB. In one exemplary embodiment, the vacuum compatible interposer module is disposed in the vacuum compatible base plate such that it operatively connects to the plurality of associated pads on the back side of the vacuum compatible PWB and further operatively connects to a plurality of pads of an external device that is disposed outside the vacuum environment. [Fig. 1]

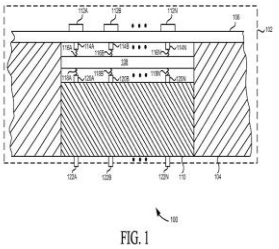

FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012

(21) Application No.4043/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BIOMETRIC TRAINING AND MATCHING ENGINE

(51) International classification :G06K
(31) Priority Document No :11306280.6
(32) Priority Date :03/10/2011
(33) Name of priority country :EUROPEAN UNION
(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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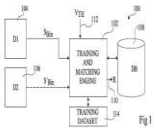
(72)**Name of Inventor :**
1)PARTINGTON Alastair Ross
2)ROCAMORA MARTI Jordi
3)TORNESELLO Sebastiano

(57) Abstract :
The present disclosure concerns a method of identifying a biometric record of an individual in a database (108) having a plurality of biometric records the method involving: during a training phase: applying by a processing device a matching operation to determine scores for a similarity between at least one training biometric sample of each of a plurality of training records and at least one probe sample; based on said scores determining a threshold value (STH MTH); and during an identification phase: evaluating at least one reference biometric sample of each of the records of said database to determine a parameter value for each record; selecting a subset of said records by comparing each of said parameter values with said threshold value; and applying a matching operation to the selected records to determine whether an input biometric sample matches a reference biometric sample of one of said selected records. Fig. 1



No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2012

(21) Application No.3740/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND SYSTEM FOR ENHANCING IMAGE QUALITY

(51) International classification :G06T
(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 :2830/CHE/2011
Filed on :18/09/2011
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)K. CHANDRASEKHAR
3)MAHABALESWARA R. BHATT
4)SRIRAM PADMANABHAN

(57) Abstract :
The present disclosure relates to image filtering techniques for enhancing image quality. In one embodiment two filtering techniques are applied on an image. Firstly an adaptive weighted median filtering operation is performed on an acquired low contrast image corrupted by impulsive noise. Subsequently a guided image filtering on the image obtained from adaptive weighted median filtering operation to de-blur and enhance the contrast that ultimately assures to preserve the edges of the images. In addition the image filtering for enhancing image quality is enhanced by several variations of data adaptive guided image filtering and adaptive window sizes for guided image filtering techniques. FIG. 9

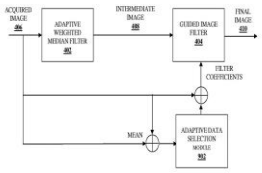

FIG.9

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/08/2012

(21) Application No.7549/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : TOPICAL ANTIBIOTIC FORMULATIONS

(51) International classification :A61K9/06,A61K33/38,A61K33/08
(31) Priority Document No :61/302,101
(32) Priority Date :06/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023843
Filing Date :06/02/2011
(87) International Publication No :WO 2011/097546
(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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2)GOLDSMITH David
3)LAMPERT Shalom

(57) Abstract :
A biocompatible antibiotic formulation suitable for application to skin tissue the formulation including: (a) a silver(II) oxide; (b) a hydrophilic clay; and (c) a base said silver(II) oxide and said hydrophilic clay being intimately dispersed within a base.

No. of Pages : 50 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3091/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : APPARATUS AND METHOD FOR PREPARATION OF FREE NANOPARTICLES

(51) International classification :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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2)K. CHATTOPADHYAY

(57) Abstract :
The present invention provides an apparatus for preparing free-standing nanoparticles, comprising, a first base member connected to a movable second base member supported with load bearing members. A vibrator is connected to the second base member to impart vibratory motions. A movable external chamber connected to the first and second base members. The movable external chamber is provided with jacket or an insulator to circulate temperature-controlling liquid and maintain thermal conditions of the apparatus. A movable and sealed inner milling chamber disposed in the external chamber and connected to the first and second base members to store milling material. Milling element is disposed in the inner milling chamber for performing milling of the material. Conduits are provided to control environment/medium of the apparatus. The present invention also provides a process for the preparation of free-standing nanoparticles under cryo/high temperature conditions using the apparatus of the present invention.

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.3347/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DESIGN AND DEVELOPMENT OF MOTORISED MILK CREAM SEPARATOR

(51) International classification :A23C
(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)RUPALI SOMANI
3)DR. GIRISH M JOSHI
(72)**Name of Inventor :**
1)SANJAY

(57) Abstract :
The Motorized Milk cream separator is the best technical machine. It will enable to obtain cream is separated from milk and ghee and butter. We overcome the difficulties over conventional methods used in cream separation time and consumption of energy and efforts. It is made up of three sensors to control different parts and operations entire unit. These are Speed Regulator, Capacitor Plate, and Level Sensor. The machine is more compact, reliable and energy efficient due to assembly of these sensors. Yield of different varieties of cream obtained by this machine provide lot commercial opportunity and ultimate remedy tool for society.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/09/2012

(21) Application No.3900/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : WATER AREA EQUIPMENT THAT CAN INHIBIT WATER SCALE FORMATION •

(51) International classification :C02F
(31) Priority Document No :2011-214378
(32) Priority Date :29/09/2011
(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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3)Hiroaki AMEMORI
4)Ayumu UMEMOTO
5)Yo MOROTOMI
6)Masahiro YAMAMOTO

(57) Abstract :
There is provided a water area equipment that can inhibit water scale formation and further can very easily remove formed water scale. In the water area equipment silicic acid polymerization can be inhibited to reduce water scale formation and further formed water scale can very easily be removed for example by lightly wiping off the water scale. The water area equipment on which water from a water supply source can be poured comprises a unit configured to add an inhibitor for silicic acid polymerization to water deposited as water residual on the surface of the water area equipment and can inhibit water scale formation and can allow formed water scale to be easily removed. A specific unit that inhibits the polymerization of silicic acid is configured to enhance the acidity of water and for example to adjust pH of residual water to 1.5 to 5.5.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7956/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CHEMICAL RESISTANT FILMS OF HIGH OPTICAL QUALITY

(51) International classification :C08J5/00,C08J5/18
(31) Priority Document No :10 2010 002 978.5
(32) Priority Date :17/03/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051848
Filing Date :09/02/2011
(87) International Publication No :WO 2011/113644
(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)DICKHAUT G¼nther
3)RICHTER Ralf
4)SCHERBLE Jonas
5)KARAMPOUGIOUKIS Wangelis

(57) Abstract :
The present invention relates to a process for producing transparent polymeric films or plastics mouldings of particularly high chemical resistance, having more particularly a very good resistance towards oil-in-water and water-in-oil emulsions, and of high optical quality.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7957/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ENERGY GENERATING SYSTEM AND CONTROL THEREOF

(51) International classification :H02J3/38
(31) Priority Document No :12/708253
(32) Priority Date :18/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/050582
Filing Date :18/01/2011
(87) International Publication No :WO 2011/101189
(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)TIMBUS Adrian
3)FRANKE Carsten
4)NACCARINO Jorge

(57) Abstract :
A method of controlling an electricity generating system that includes at least one intermittent energy source generating plant (42 44 46 48 50) the method comprising: calculating actual operating parameters of the at least one intermittent energy source generating plant; calculating forecast operating parameters of the at least one intermittent energy source generating plant;generating intermittent energy source contingency definitions from such actual operating parameters and forecast operating parameters;analysing the intermittent energy source contingency definitions to provide contingency analyses; and controlling the electricity generating system in dependence upon such contingency analyses.

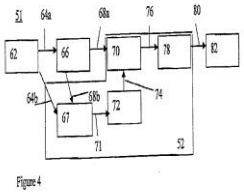

Figure 4

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7958/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : STRIP SHEET OR BLANK SUITABLE FOR HOT FORMING AND PROCESS FOR THE PRODUCTION THEREOF

(51) International classification :C21D1/673,C21D1/68,C21D8/02
(31) Priority Document No :10001707.8
(32) Priority Date :19/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/000785
Filing Date :18/02/2011
(87) International Publication No :WO 2011/101158
(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)GO Johnson
3)GAIKWAD Anil Vilas

(57) Abstract :
The invention relates to a strip sheet or blank suitable for hot forming at a temperature of 700° C or above comprising a substrate of hot formable steel optionally coated with an active corrosion protective coating. According to the invention the optionally coated steel substrate is provided with a ceramic based coating having a thickness of at most 25 micron. The invention also relates to a process to produce such strip sheet or blank.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7965/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MULTIAXIAL LAID SCRIM HAVING A POLYMER NONWOVEN

(51) International classification :B29C70/18,B29C70/50,D04B21/14
(31) Priority Document No :10002870.3
(32) Priority Date :18/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/053658
Filing Date :11/03/2011
(87) International Publication No :WO 2011/113752
(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)TOHO TENAX EUROPE GMBH
Address of Applicant :Kasinostrasse 19 21 42103 Wuppertal Germany
(72)**Name of Inventor :**
1)WOCKATZ Ronny

(57) Abstract :
The invention relates to a laid scrim consisting of at least two layers of superposed multi filament reinforcement yarns running horizontally parallel to one another said scrim having at least one nonwoven consisting of thermoplastic polymer material on and/or between the layers of multi filament reinforcement yarns. The nonwoven comprises a first polymer component and a second polymer component the melting temperature of said components lying below the melting or disintegration temperature of the reinforcement yarns. The invention is characterised in that the first polymer component has a lower melting temperature than the second polymer component that the first polymer component is soluble in epoxy cyanate ester or benzoxazine resin matrices or in blends of said matrices and that the second polymer component is insoluble in epoxy cyanate ester or benzoxazine resin matrices or in blends of said resin matrices. The invention also relates to a preform consisting of a laid scrim of this type.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7966/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : STITCHED MULTIAXIAL SCRIMS

(51) International classification :D04B21/16
(31) Priority Document No :10002869.5
(32) Priority Date :18/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/053657
Filing Date :11/03/2011
(87) International Publication No :WO 2011/113751
(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)WOCKATZ Ronny

(57) Abstract :
The invention relates to a multiaxial non-crimp fabric made from at least two superimposed layers of multifilament reinforcing yams which are arranged within the layers parallel to each other and abutting parallel together, wherein the reinforcing yams within one layer as well as adjacent layers are connected to each other and secured against each other by sewing threads forming stitches proceeding parallel to each other and separated from each other at a stitch width w, wherein the sewing threads form stitches with a stitch length s, and the zero-degree direction of the non-crimp fabric is defined by the sewing threads, and wherein the reinforcing yams of the layers are symmetrically arranged in respect to the zero-degree direction of the non-crimp fabric and, with respect to the direction of their extension, form an angle a to the zero-degree direction, said angle not being equal to 90° or 0°, characterized in that the sewing threads have a linear density in the range from 10 to 35 dtex. The invention further relates to a preform made from a multiaxial non-crimp fabric of this type.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7967/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR PREPARING DIVINYLARENE DIOXIDES

(51) International classification :C07D301/03,C08G59/22,C07D301/12
(31) Priority Document No :61/315200
(32) Priority Date :18/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/028794
Filing Date :17/03/2011
(87) International Publication No :WO 2011/116177
(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)GULYAS Gyongyi
2)NULL Marty J.

(57) Abstract :
A process for preparing a divinylarene dioxide including reacting (a) at least one divinylarene; (b) at least one oxidant wherein the at least one oxidant includes a peroxomonosulfate triple salt oxidant and wherein the at least one oxidant is less than about 2.0 equivalents to C=C; (c) at least one solvent (d) at least one basic compound and (e) optionally at least one catalyst; under conditions to form a divinylarene dioxide product.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

(21) Application No.7953/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : HYDRAULIC PUMP/MOTOR AND METHOD FOR PREVENTING PULSATION OF HYDRAULIC PUMP/MOTOR

(51) International classification :F04B1/24,F03C1/253,F04B11/00
(31) Priority Document No :2010063294
(32) Priority Date :18/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056252
Filing Date :16/03/2011
(87) International Publication No :WO 2011/115180
(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)MARUTA Kazuhiro

(57) Abstract :
Disclosed is a hydraulic pump/motor provided with two pressure accumulation oil passages (20 21) for accumulating pressure which respectively communicate with a pair of ports (20a 20b) and a pair of ports (21a 21b) said ports (20a 20b) and said ports (21a 21b) being respectively provided on a valve plate on the top dead point side and the bottom dead point side and on the outside of the slide and rotation trajectory area of cylinder bores (9 1 to 9 7). A cylinder block has two communication holes (9 1a 9 1b) for each cylinder bore each communication hole communicating with each cylinder bore and having an opening that slides on each port in conjunction with the rotation of the cylinder block to communicate with each port. The ports of each pressure accumulation oil passage (20 21) exclusively communicate with the communication holes so that a pressure accumulation operation for accumulating the pressure of one cylinder bore in each pressure accumulation oil passage via the communication holes in two steps and an accumulated pressure collection operation for collecting in two steps the pressure accumulated in each pressure accumulation oil passage within the one cylinder bore are performed. Thus a hydraulic pump/motor which can suppress the pulsation and a method for suppressing the pulsation of a hydraulic pump/motor can be realized by a simple structure.

No. of Pages : 43 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2012

(21) Application No.3997/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BIOMETRIC MATCHING ENGINE

(51) International classification :G06K
(31) Priority Document No :11306279.8
(32) Priority Date :03/10/2011
(33) Name of priority country :EUROPEAN UNION
(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)Accenture Global Services Limited
Address of Applicant :3 Grand Canal Plaza Grand Canal Street Upper Dublin 4 IRELAND Ireland
(72)**Name of Inventor :**
1)PARTINGTON Alastair Ross
2)ASTROM Per Anders Matteus
3)BATALLER Cyrille

(57) Abstract :
The present disclosure concerns a method of identifying a biometric recordof an individual in a database (108)thedatabasecomprisingat least first and secondsets of records each set comprising at least one record the method comprising receiving by a processing device (102) at least first and second input biometric samples of said individual; performing on the records of said first set a first matching processcomprising a firstfiltering operation followed by a second filtering operation and performing on the records of said second set a second matching processcomprising saidsecond filtering operation followed by said first filtering operation wherein said first filtering operation comprisescomparing said first input biometric sample to a first reference biometric sampleofeach record and saidsecond filteringoperation comprises comparing saidsecond input biometric sample to a second reference biometric sample of each record; and identifying a biometric record of said individual based on results of the first and second matching processesFIG. 1

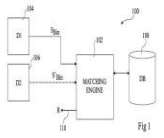

Fig 1

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.8186/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : NON WOVEN FIBER SEATING PADDING

(51) International classification :A47C7/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/025571
Filing Date :26/02/2010
(87) International Publication No :WO 2011/106013
(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)LEAR CORPORATION
Address of Applicant :21557 Telegraph Road Southfield MI 48033 U.S.A.
(72)**Name of Inventor :**
1)GALBREATH Ashford A.
2)ALI Asad S.
3)OBANNON Terry
4)ROCK Gary

(57) Abstract :
A deformable structure for automotive interior components includes a substrate and a cushion element. The cushion element is disposed over the substrate. The cushion element includes a fiber pad and a fibrous cushion section each of which has cellulosic fibers. The deformable structure also includes a cover disposed over the cushion element. The cushion element is substantially free of any resinous foams. A vehicle seat and trim laminate incorporating the deformable structure is also provided.

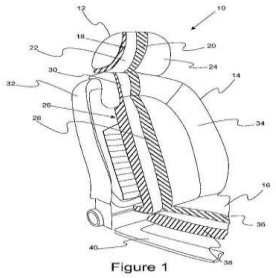

Figure 1

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.8188/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : N (IMIDAZOPYRIMIDIN 7 YL) HETEROARYLAMIDE DERIVATIVES AND THEIR USE AS PDE10A INHIBITORS

(51) International classification :C07D487/04,C07D519/00,A61K31/519
(31) Priority Document No :10158011.6
(32) Priority Date :26/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/054385
Filing Date :23/03/2011
(87) International Publication No :WO 2011/117264
(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 :Grenzacherstrasse 124 CH 4070 Basel Switzerland
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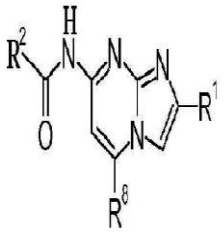
2)BLEICHER Konrad
3)FLOHR Alexander
4)GOBBI Luca
5)GROEBKE ZBINDEN Katrin
6)KOERNER Matthias
7)KUHN Bernd
8)PETERS Jens Uwe
9)RUDOLPH Markus

(57) Abstract :
128The invention is concerned with novel imidazopyrimidine derivatives of formula (I) wherein R R and R are as defined in the description and in the claims as well as physiologically acceptable salts and esters thereof. These compounds inhibit PDEIOA and used as medicaments.



No. of Pages : 194 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2012

(21) Application No.8164/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PRESSURE SENSITIVE ADHESIVES DERIVED FROM 2 ALKYL ALKANOLS

(51) International classification :C09J133/00
(31) Priority Document No :12/732406
(32) Priority Date :26/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/028420
Filing Date :15/03/2011
(87) International Publication No :WO 2011/119363
(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)CLAPPER Jason D.
2)LEWANDOWSKI Kevin M.
3)MA Jingjing
4)CHEN Zhong

(57) Abstract :
Pressure sensitive adhesives are prepared from (meth)acrylate esters of 2 alkyl alkanols. The adhesives are characterized by exhibiting an overall balance of adhesive and cohesive characteristics and exceptional adhesion to low surface energy substrates.

No. of Pages : 40 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/09/2012

(21) Application No.8165/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PYRROLOPYRAZINE DERIVATIVES AND THEIR USE AS JAK AND SYK INHIBITORS

(51) International classification :C07D487/04,A61K31/4985,A61P29/00
(31) Priority Document No :61/315999
(32) Priority Date :22/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/054171
Filing Date :21/03/2011
(87) International Publication No :WO 2011/117160
(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)F. HOFFMANN LA ROCHE AG
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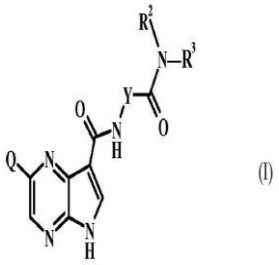
1)HENDRICKS Robert Than
2)HERMANN Johannes Cornelius
3)KONDRU Rama K.
4)LOU Yan
5)LYNCH Stephen M.
6)OWENS Timothy D.
7)SOTH Michael

(57) Abstract :
The present invention relates to the use of novel pyrrolopyrazine derivatives of Formula (I) wherein the variables Q R2 R3 and Y are defined as described herein which inhibit JAK and SYK and are useful for the treatment of auto immune and inflammatory diseases.


(I)

No. of Pages : 70 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8010/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ABUSE RESISTANT FORMULATIONS

(51) International classification :A61K9/26,A61K31/485
(31) Priority Document No :61/307588
(32) Priority Date :24/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025914
Filing Date :23/02/2011
(87) International Publication No :WO 2011/106416
(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)CIMA LABS INC.
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(72)**Name of Inventor :**
1)HAMED Ehab
2)KRALING Carrie

(57) Abstract :
This disclosure relates to a sustained release oral dosage form suitable for twice a day administration comprising a matrix containing a viscosity modifier and coated granules containing hydrocodone. The dosage form can have a release profile such that 6 hours following administration less than about 80 percent of the hydrocodone is released. In addition the dosage form may have alcohol and/or crush resistance.

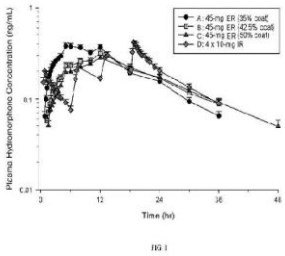


FIG 1

No. of Pages : 53 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

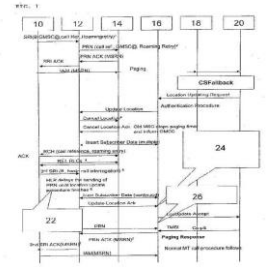
(21) Application No.8011/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MOBILE TERMINATED CONTROL METHOD AND RELATED NETWORK DEVICES

(51) International classification :H04W48/18,H04W60/00,H04W88/06
(31) Priority Document No :1002892.6
(32) Priority Date :22/02/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/JP2011/054417
Filing Date :21/02/2011
(87) International Publication No :WO 2011/102560
(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)LENOVO INNOVATIONS LIMITED (HONG KONG)
Address of Applicant :23rd Floor, Lincoln House, Taikoo Place, 979 King's Road, Quarry Bay, Hong Kong; Nationality: Hong Kong Hongkong(China)
(72)**Name of Inventor :**
1)LAIR Yannick
2)IANEV Iskren

(57) Abstract :
The invention provides for a method of controlling a mobile terminated procedure between a mobile terminal device and a network node device of a mobile radio communications network and to a related terminal device and particularly concerning a change in network node connection as part of a Circuit Switched Fallback procedure and including the step of transmitting a connection maintaining request such as a follow on request from the terminal device to the network node device during the mobile terminated procedure and seeking to maintain connectivity with the network node device so as to allow for a post location update procedure arriving from the network.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012
(21) Application No.8205/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : APPARATUS FOR MANUFACTURING DYE SENSITIZED SOLAR CELL AND METHOD OF MANUFACTURING DYE SENSITIZED SOLAR CELL

(51) International classification :H01M 14/00
(31) Priority Document No :2010039846
(32) Priority Date :25/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/001069
Filing Date :24/02/2011
(87) International Publication No :WO 2011/105089 A1
(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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2)KYUSHU INSTITUTE OF TECHNOLOGY
(72)**Name of Inventor :**
1)HAYASHI Hiroaki
2)SHIRATSUCHI Ryuichi
3)OHKUBO Suehiro
4)HAYASE Shuzi
5)MURE Taiichi
6)SHISHIDA Yasuhiro

(57) Abstract :
Disclosed is an apparatus for manufacturing a dye sensitized solar cell which makes photosensitization dye solution come in contact with an electrode material layer that functions as a working electrode of a dye sensitized solar cell and makes the photosensitization dye be adsorbed by the electrode material layer and which is provided with: a sealing container formed substrate housing part for housing a substrate with the electrode material layer formed on the surface thereof; and a circulation mechanism that makes the photosensitization dye solution circulate so as to pass over the surface of the substrate housed within the substrate housing part. The cross section of the flowing path of the photosensitization dye solution at a section that faces the substrate housed within the substrate housing part is configured to be narrower than the cross sections of the flowing paths of the photosensitization dye solution at the other sections.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012
(21) Application No.8204/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR PRODUCING PROPYLENE OXIDE USING A PRETREATED EPOXIDATION CATALYST

(51) International classification :C07D301/12,C07D303/04
(31) Priority Document No :61/317390
(32) Priority Date :25/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/000523
Filing Date :22/03/2011
(87) International Publication No :WO 2011/119217
(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)BLUE CUBE IP LLC
Address of Applicant :2030 Dow Center, Midland, Michigan 48674, USA; Nationality: USA U.S.A.
(72)**Name of Inventor :**
1)CRAMPTON Hannah L.

(57) Abstract :
A process for preparing propylene oxide by epoxidizing propylene with an oxidant in the presence of a pretreated catalyst; wherein the catalyst comprises an activated titanium silicalite with MFI structure (TS 1) catalyst; and wherein the catalyst has been activated by pretreatment with methanol to form the pretreated catalyst. The pretreated TS 1 catalyst may be used in the epoxidizing propylene reaction with no additional methanol added; and the pretreated catalyst has equivalent activity to TS 1 catalyst used with large excesses of methanol.

No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2012

(21) Application No.8225/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BLACK METAL SHEET

(51) International classification :B32B15/08,B32B27/20
(31) Priority Document No :2010083983
(32) Priority Date :31/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056001
Filing Date :15/03/2011
(87) International Publication No :WO 2011/122326
(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)KABUSHIKI KAISHA KOBE SEIKO SHO
Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan
(72)**Name of Inventor :**
1)NAKAMOTO Tadashige
2)YAMAMOTO Kayo

(57) Abstract :
Disclosed is a black metal sheet exhibiting high jetness which conceals the colour and gloss of a metal sheet even if the film thickness of the black coating film (black layer) used to coat the surface of the metal sheet is thin specifically even if the amount of the black coating film (black layer) deposited is 0.28 1.5g/m² (film thickness: approx. 0.26 1.42 μm). The black metal sheet has a metal sheet and a black layer formed on at least one surface of the metal sheet. The black layer is configured from a 100 parts per mass black composition comprising 20 73 parts per mass of a binder resin and 22 60 parts per mass of a surface treated carbon black the surface of which is coated with a water soluble resin. The black layer is characterised in having a dry mass of 0.28 1.5g/m2 and the jetness (L value) of the surface being at most 24.

No. of Pages : 83 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012

(21) Application No.8195/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : EXHAUST GAS FLOW DIVIDER FOR TURBOCHARGER TURBINE HOUSING

(51) International classification :F02B37/00
(31) Priority Document No :61/308349
(32) Priority Date :26/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/026028
Filing Date :24/02/2011
(87) International Publication No :WO 2011/106496
(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 :**
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2)ZAGONE John
3)GOTTEMOLLER Paul
4)BURKE James P.
5)BARTKOWICZ Michael D.

(57) Abstract :
An exhaust gas turbocharger housing (10) for an engine includes a main turbine housing portion (14) and a throat portion (12) defining an exhaust gas passageway (20) that is in upstream fluid communication with the main turbine housing. The exhaust passageway (20) communicates exhaust gases (EG) to the main turbine housing portion (14). A flow divider (22) generally bisects the exhaust gas passageway (20) forming a first inlet passageway (24A) and a second inlet passageway (24B). A flow hole (26) is disposed through the flow divider (22) for permitting the fluid communication of exhaust gas (EG) from the first inlet passageway (24A) to the second inlet passageway (24B).

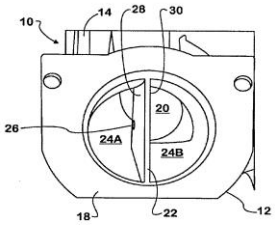

FIG. 1

No. of Pages : 14 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2012
(21) Application No.8197/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INFORMATION PROCESSING DEVICE DISPLAY SWITCHING METHOD PROGRAM AND RECORDING MEDIUM

(51) International classification :G06F 3/048
(31) Priority Document No :2010068969
(32) Priority Date :24/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/055911
Filing Date :14/03/2011
(87) International Publication No :WO2011/118429 A1
(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 :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Nagaland Japan
(72)**Name of Inventor :**
1)ASAGI Yuji

(57) Abstract :
Disclosed is an information processing device that for an information processing device provided with a plurality of display devices has improved ease of use. Also provided are a display switching method a program and a recording medium. In the disclosed information processing device a first housing provided with a first display unit and a second housing provided with a second display unit are movably connected. The information processing device is provided with a determination means which determines which housing is primary and which is secondary and a display switching means which switches the display units between primary and secondary in accordance with the aforementioned determination. The first and second display units also serve as input units which receive user input by sensing contact made with the display units. The display switching means displays a screen on the display unit determined to be primary.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

(21) Application No.8008/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CATHETER PERFORMING PHOTODYNAMIC ABLATION OF CARDIAC MUSCLE TISSUE BY PHOTOCHEMICAL REACTION

(51) International classification :A61B18/20,A61N5/06
(31) Priority Document No :2010042669
(32) Priority Date :26/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/055004
Filing Date :25/02/2011
(87) International Publication No :WO 2011/105631
(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)ARAI Tsunenori
2)ITO Arisa

(57) Abstract :
This invention provides a catheter used for blocking abnormal conduction in the cardiac muscle using photodynamic therapy or treating arrhythmia and a method for evaluating the therapeutic effects of the catheter. The catheter has a structure that freely bends at its end, which is used for performing photodynamic ablation of cardiac muscle tissue via photochemical reactions in the blood vessel or cardiac lumen. The catheter comprises a light-emitting window for applying a light beam transmitted through an optical fiber to a target site of cardiac muscle tissue and at least two electrodes for potential measurement in the periphery of the light-emitting window.

No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012
(21) Application No.8009/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : LIGHT ABSORBING MATERIAL AND PHOTOELECTRIC CONVERSION ELEMENT USING SAME

(51) International classification :H01L31/04
(31) Priority Document No :2010062895
(32) Priority Date :18/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056211
Filing Date :16/03/2011
(87) International Publication No :WO 2011/115171
(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 :**
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2)KATO Junichi
3)KAWASAKI Osamu
4)TAKENAGA Mutsuo

(57) Abstract :
Disclosed is a new light-absorbing material that can increase the conversion efficiency of a solar cefl. Further disclosed is a photoelectric conversion element using same. The light-absorbing material comprises a nitride compound semiconductorwhich is a compound semiconductor represented by A11.,Ga,N (0 y 1) of which a portion of the Al and/or Ga has been replaced by a 3d transition metalhas at least one impurity band, and has an optical absorption coefficient of at least 1000 cm-i in the entire wavelength region that is between 300 am and 1500 am, inclusive.

No. of Pages : 106 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

(21) Application No.8042/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : REACTOR THERMOPLASTIC POLYOLEFIN ELASTOMER COMPOSITION

(51) International classification :C08L23/00
(31) Priority Document No :12/716036
(32) Priority Date :02/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023268
Filing Date :01/02/2011
(87) International Publication No :WO 2011/109134
(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)BOKHARI Nadeem Akhtar
2)OHTANI Kousuke
3)IJICHI Yasuhito

(57) Abstract :
A thermoplastic elastomer composition is disclosed comprising about 100 parts by weight of component (A) and about 20 to about 100 parts by weight of component (B). Component (A) is a polypropylene resin comprising about 60 to about 90% by weight of component (i) and about 40 to about 10% by weight of component (ii). Component (i) is a propylene homopolymer or copolymer of propylene and at least one monomer group consisting of ethylene and an a olefin having 4 or more carbon atoms. Component (ii) is an ethylene a olefin copolymer comprising about 20 to about 50% by weight ethylene units. Component (B) is an ethylene a olefin elastomer comprising about 60 to about 85% by weight ethylene units and about 40 to about 15% by weight of a olefin units. Component (B) has a Mooney stress relaxation area of from 180 to 300.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

(21) Application No.8043/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FOUNDRY LADLE OR INTERMEDIATE VESSEL FOR RECEIVING A LIQUID METAL COMPRISING AN INTEGRATED MEASURING ELEMENT FOR DETECTING THE TEMPERATURE AND/OR MECHANICAL LOAD

(51) International classification :F27D21/00,F27D21/04,B22D2/00
(31) Priority Document No :10 2010 008 944.3
(32) Priority Date :23/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/050901
Filing Date :24/01/2011
(87) International Publication No :WO 2011/104053
(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)SMS GROUP GMBH.
Address of Applicant :Eduard Schloemann Strae 4 40237 D¼sseldorf Germany
(72)**Name of Inventor :**
1)LIEFTUCHT Dirk
2)PLOCIENNIK Uwe

(57) Abstract :
The invention relates to a foundry ladle or an intermediate vessel (1) for receiving a liquid metal for further processing of said liquid metal wherein at least a part of the wall (2) of the foundry ladle or of the intermediate vessel (1) comprises at least one measuring element (3) for detecting the temperature and/or the mechanical load. In order to be able to detect the temperatures and/or the mechanical load in the wall of the foundry ladle or in the intermediate vessel precisely quickly and along the extension of the wall according to the invention the measuring element (3) comprises at least one optical waveguide which is integrated in the wall (2) of the foundry ladle or of the intermediate vessel (1).

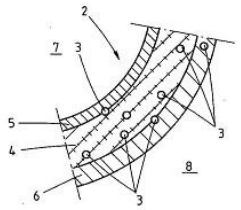


FIG.2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

(21) Application No.8044/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR PREPARING NANO PARTICLES

(51) International classification :B82B3/00,A61K9/16
(31) Priority Document No :1020100025486
(32) Priority Date :22/03/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/001956
Filing Date :22/03/2011
(87) International Publication No :WO 2011/118960
(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)BIO SYNECTICS INC.
Address of Applicant :#1517 Byucksan Digitalvalley 2 481 10 Gasan dong Geumcheon gu Seoul 153 803 Republic of Korea
(72)**Name of Inventor :**
1)KIM Kab Sig
2)PARK Joo Won

(57) Abstract :
The present invention relates to a method for preparing nano-particles, and more particularly, to a method for preparing nano-particles containing active materials in a simple and highly efficient manner through a grinding process.

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2012
(21) Application No.8250/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FACILITATING AUTHENTICATION OF ACCESS TERMINAL IDENTITY •

(51) International classification :H04W 12/06
(31) Priority Document No :201010131514.2
(32) Priority Date :16/03/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/071855
Filing Date :16/03/2011
(87) International Publication No :WO/2011/113355
(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)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America U.S.A.
(72)**Name of Inventor :**
1)DU Zhimin
2)LI Yan

(57) Abstract :
Methods and apparatuses are provided for facilitating authentication of access terminal identities and for recording a usage relationship between a valid access terminal identity and a user identity. An access terminal and a validation server are both provisioned with corresponding validation keys. The access terminal may determine that a user identity is not recorded for use with the access terminal and may send a report message to report a usage relationship between the access terminal identity and the user identity where the report message is signed with a signature based on the validation key. The validation server authenticates the signature using the validation key in the validation server. The validation server may record the usage relationship between the authenticated access terminal identity and the user identity in a database which database records may be employed to determine whether an access terminal requesting network access is authorized or unauthorized. [Fig. 6]

No. of Pages : 46 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/07/2012

(21) Application No.3083/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD FOR SOFT SENSING OF POWER SOURCE CHANGEOVER

(51) International classification :G01D
(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)SCHNEIDER ELECTRIC INDIA PRIVATE LIMITED
Address of Applicant :#44P, ELECTRONIC CITY, EAST PHASE-2, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(72)**Name of Inventor :**
1)NAVEEN SHANKAR
2)DENNIS J EMMATTY
3)THARANATH NAIK

(57) Abstract :
1. A method for soft sensing of power source changeover having a power line connected to first power source and at least one back-up second power source said method comprising a. sensing at least one electrical parameter of the power line connected to any one of first power source or any one of back-up second power source

No. of Pages : 14 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/09/2012

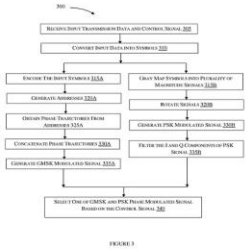
(21) Application No.3799/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A GSM-EDGE TRANSMITTER FOR MODULATING SIGNAL FOR TRANSMISSION AND A METHOD THEREOF

(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)CENTRE FOR DEVELOPMENT OF TELEMATICS (C-DOT)
Address of Applicant :Phase 1 Hosur Road Electronic City Bangalore 560 100 Karnataka India. Assam India
(72)**Name of Inventor :**
1)Hari Prasad S V
2)Vinaymurthi K K
3)Nitin Babu K M

(57) Abstract :
The present disclosure relates to a GSM transmitter for selectively producing Gaussian Minimum Shift Keying (GMSK) and 8-Phase Shift Keying (8-PSK) modulated communication signals. In one embodiment the transmitter receives input data for transmission and a control signal. The input data is modulated by a GMSK modulator and 8-PSK modulator to generate GMSK and PSK phase modulated signal. GMSK modulated signal is generated by a phase concatenation circuitry that concatenates one or more phase trajectories and the 8-PSK modulated signal is obtained by gray mapping and symbol rotating state machine. The transmitter operates in multi-slots of a single radio frame with both the GMSK and 8-PSK phase modulators being active during the guard time. Based on the control signal one of the modulator is selected to transmit the output and the other modulator is disabled so as to achieve smooth switching between GMSK and PSK modulators without delay.



No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

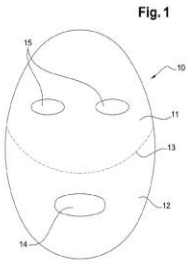
(21) Application No.3892/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FACIAL MASK

(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

(71)**Name of Applicant :**
1)LOREAL
Address of Applicant :14 rue Royale 75008 Paris France
France
(72)**Name of Inventor :**
1)Gaurav Agarwal

(57) Abstract :
A facial mask (10) comprising an upper part (11) and a lower part (12) united to the upper part before use wherein the upper part (11) includes a substrate with cosmetic preparation and the lower part (12) includes a substrate with shaving preparation. Figure 1



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.6734/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INTELLIGENT AUTOMATED ASSISTANT

(51) International classification :G06Q10/00
(31) Priority Document No :61/295774
(32) Priority Date :18/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020861
Filing Date :11/01/2011
(87) International Publication No :WO 2011/088053
(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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2)CHEYER Adam John
3)KITTLAUS Dag
4)GUZZONI Didier Rene
5)BRIGHAM Christopher Dean
6)GIULI Richard Donald
7)BASTEA FORTE Marcello
8)SADDLER Harry Joseph

(57) Abstract :
An intelligent automated assistant system engages with the user in an integrated conversational manner using natural language dialog and invokes external services when appropriate to obtain information or perform various actions. The system can be implemented using any of a number of different platforms such as the web email smartphone and the like or any combination thereof. In one embodiment the system is based on sets of interrelated domains and tasks and employs additional functionally powered by external services with which the system can interact.

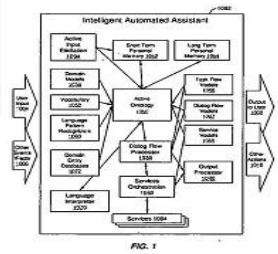


FIG. 1

No. of Pages : 229 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2012

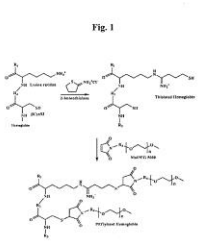
(21) Application No.8035/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHODS FOR PREPARING PEG HEMOGLOBIN CONJUGATES USING REDUCED REACTANT RATIOS

(51) International classification :G01N33/72,C08H1/00,A61K38/00
(31) Priority Document No :61/308238
(32) Priority Date :25/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025888
Filing Date :23/02/2011
(87) International Publication No :WO 2011/106396
(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)SANGART INC.
Address of Applicant :6175 Lusk Blvd. San Diego CA 92121 U.S.A.
(72)**Name of Inventor :**
1)MALAVALLI Ashok
2)VANDEGRIFF Kim D.

(57) Abstract :
The present invention relates generally to methods for preparing polyethylene glycol (PEG) conjugated hemoglobin (Hb) using reduced reactant ratios. More specifically the present invention relates to methods for preparing PEG conjugated Hb (PEG Hb) with enhanced yield and purity.



No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2012

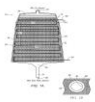
(21) Application No.8023/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : CATALYTIC FIXED BED REACTOR FOR PRODUCING ETHYLENE OXIDE BY PARTIAL OXIDATION OF ETHYLENE

(51) International classification :B01J8/02,C07D301/10
(31) Priority Document No :61/314677
(32) Priority Date :17/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/028763
Filing Date :17/03/2011
(87) International Publication No :WO 2011/116157
(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)DOW TECHNOLOGY INVESTMENTS LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
(72)**Name of Inventor :**
1)TIRTOWIDJOJO Max M.
2)ZARTH Christina
3)SEN Subrata
4)PATIL Pramod D.

(57) Abstract :
A method and a reaction vessel for producing gaseous ethylene oxide from partial oxidation of hydrocarbon using a heterogeneous catalyst fixed bed comprising: introducing gaseous ethylene oxygen ballast gas and catalyst promoter into a reaction vessel having a catalyst bed with a length such that an outflow area and an inflow area over said catalyst bed length in between the reactor outflow and inflow has an absolute ratio difference less than or equal to 1.3 m; said catalyst having a selectivity greater than 80%; circulating a heat transfer fluid through at least one coolant heat exchanger in said shell interior; said heat exchanger having a coolant flow cross sectional area ratio to cooling surface area less than 1; flowing said gaseous ethylene oxygen ballast gas and catalyst promoter over said catalyst and through an outlet zone in said reactor vessel said zone configured with an average residence time of less than or equal to 4 seconds from the catalyst bed to the heat exchanger to quench said process to create gaseous ethylene oxide product.



No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2012

(21) Application No.3441/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FIBER OPTICALLY COUPLED LASER RANGEFINDER FOR USE IN A GIMBAL SYSTEM

(51) International classification :G02B6/00
(31) Priority Document No :61/526,477
(32) Priority Date :23/08/2011
(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 :**
1)BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
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(72)**Name of Inventor :**
1)William E. Shaw
2)Bruce Whaley
3)Marcus Hatch
4)Raymond J. Silva
5)Michael E. DeFlumere

(57) Abstract :
A fiber optically coupled laser rangefinder (LRF) for use in a gimbal system to input/extract a laser beam into/from a camera is disclosed. In one embodiment the fiber optically coupled LRF includes a gimbal assembly. Further the gimbal assembly includes a first fiber optic cable for receiving the laser beam from a remote transmitter assembly a fiber optically coupled laser interface module to receive the laser beam and opposing mirrors to direct the laser beam to a target. In addition the gimbal assembly includes a second fiber optic cable for transmitting a return laser beam to a remote receiver assembly. The opposing mirrors are further configured to direct the return laser beam from the target to the fiber optically coupled laser interface module. The fiber optically coupled laser interface module is further configured to transmit it to the receiver assembly via the second fiber optic cable. [FIG. 1]

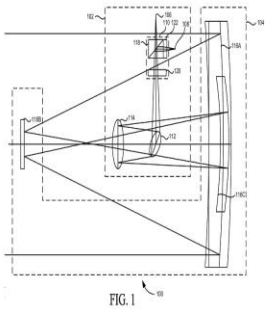
FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2012

(21) Application No.3539/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SERVICE PROVIDER FACILITATING ACCESS OF DIVERSE WEB-BASED SERVICES

(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)Amith Chandrahasa
3)Chandramouli VJ
4)Guru Murthy
5)Narendra B S
6)Sankarshana S
7)Sachin M Kumar
8)Shreyas M S

(57) Abstract :
An aspect of the present disclosure enables a service provider to facilitate access to desired services. In an embodiment, a user specifies information representing a set of services and a set of portions of a web page, wherein each service is specified associated with a corresponding portion of the set of portions. A server system then sends a web page definition to the user, with the web page definition being designed to be displayed on a client system with a layout containing the set of portions and each service being accessible in a corresponding portion. The web page definition is designed such that all user interactions via the corresponding displayed web page are routed via the server system. In addition, the responses are displayed in the same web page using partial page refresh type techniques such that the web page continues to be displayed with a same Uniform Resource Locator (URL) in duration said user interacts with said web page and also when the responses are displayed.

No. of Pages : 30 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2012

(21) Application No.3632/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : A METHOD OF PREPARING PALLADIUM DENDRITES

(51) International classification :C07C
(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. RAGHURAM CHETTY
2)KRANTHI KUMAR MANIAM

(57) Abstract :
ABSTRACT The present invention relates to a method of preparing palladium dendrites

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012

(21) Application No.4015/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : MANAGING COMPLIANCE ACROSS INFORMATION TECHNOLOGY COMPONENTS

(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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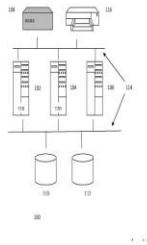
Address of Applicant :11445 Compaq Center Drive West Houston TX 77070 United States of America U.S.A.
(72)**Name of Inventor :**
1)RAJASHEKAR DASARI
2)PHANI KUMAR VEDALA
3)SURESH BEZAWADA

(57) Abstract :
Provided is a method of managing compliance across information technology components. A policy requiring compliance is identified and information technology components required for determining compliance of the policy are identified from the policy. Data is obtained from the information technology components and analyzed for determining compliance of the policy. [FIG. 1]



No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.6626/CHENP/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : BONDED MAT AND METHOD FOR MAKING

(51) International classification :B32B5/02,B32B27/12,B32B37/00
(31) Priority Document No :12/696798
(32) Priority Date :29/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022657
Filing Date :27/01/2011
(87) International Publication No :WO 2011/094369 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 :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)COSTA Nelson R.

(57) Abstract :
Herein is disclosed a bonded mat comprising a coil web that is bonded to a backing. The coil web comprises continuous coiled fibers at least some of which contain expanded polymeric microspheres. The backing comprises a porous material. Methods of making the coil web and the backing and methods of bonding the coil web and the backing are disclosed.

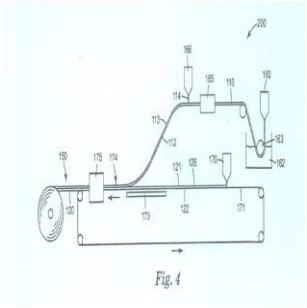


Fig. 4

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.3110/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PREDICTIVE CONTROL BASED CLEANING IN PLACE SYSTEM

(51) International classification :G05B
(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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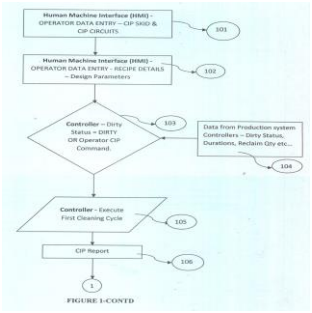
(72)**Name of Inventor :**
1)AMITKUMAR SAWANT
2)RAUNAK SINGH
3)SANDEEP KUMAR MISHRA

(57) Abstract :
The present invention relates to a method to control a cleaning in place system using predictive control mechanism. This method provides a an intelligent, standalone/ distributed, reliable system to improve the performance of a Cleaning-ln-Place (CIP) system for cleaning production elements in a Processing Plant. The present method comprising a prediction of a best possible set of plurality of recipe parameter for the cleaning in place system and further optimization the set of plurality of recipe parameter for effective cleaning of running Cleaning in Place cycle by manipulating the flow rate of cleaning in place fluid. Further, the invention relates to a control system architecture configured to perform the method stated above. Figure 1



No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2012

(21) Application No.3185/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : INTERFEROMETRIC POSTURE DETECTION SYSTEM •

(51) International classification :G02B
(31) Priority Document No :11 02461
(32) Priority Date :05/08/2011
(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)BRUNO BARBIER
3)SIEGFRIED ROUZES

(57) Abstract :
The general field of the invention is that of optical systems for detection of the orientation of mobile objects in space . The main application is helmet posture detection inside of an aircraft cockpit. The system according to the invention operates by interferometry. It comprises a fixed electro-optical device comprising one or more collimated point-like emission sources (S) and a detection assembly comprising one or more point-like photosensitive detectors (D). Two or more retro-reflecting devices referred to as cube corner (C1, C2, C3) are disposed on the mobile object. This system can be completed by optical means operating in polarized light mode allowing the direction of variation of the interference fringes to be determined and by other optical devices allowing an initial orientation to be measured. FIGURE 13

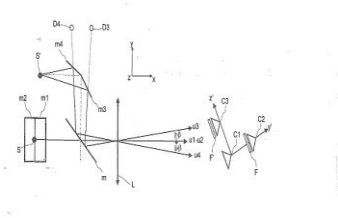

FIG. 13

No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.3350/CHE/2012 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING DEVICE RESOURCE ACCESS AND NATIVE PROCESSING TO WEB APPLICATIONS

(51) International classification :G06F21/00
(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)SIBA PRASAD SAMAL
3)VENU MADHAV MUSHAM

(57) Abstract :
A method and system providing access to native device resources and validates or restricts access to device resources when a web application is loaded is disclosed. The method dynamically loads trusted modules associated with the web applications and further validates them providing multilevel security. The method allows the validated web applications to access device APIs and native APIs using Trusted Native Core (TNC) modules. Web applications can also access native API™s implemented in TNC modules. The system facilitates safe execution of modules in a secured environment on a user device there by achieving a wide spectrum of access to device resources in a secured manner. FIG. 1

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014
(21) Application No.1041/KOL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PROCESS FOR THE UTILIZATION OF SPENT TEMPERATURE SHIFT (HTS) CONVERSION CATALYST AS RAW MATERIAL FOR THE PREPARATION OF FRESH HIGH TEMPERATURE SHIFTCONVERSION CATALYST.

(51) International classification :B01J32/00
(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)DR. ASIS CHANDRA SENGUPTA
2)MR. DEEPAK KUMAR MISHRA

(57) Abstract :
A process for preparing fresh high temperature shift conversion catalyst from spent high temperature shift comprising roasting the spent catalyst, subjecting the roasted spent catalyst to the step of powdering, dissolving the powdered spent catalyst in mineral acid, filtering the unreacted residue, reducing the mixed salt solution, subjecting the mixed salt solution to the step of decantation to use in the process for preparation of fresh HTS catalyst.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.1017/KOL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : ECO-FRIENDLY COLD STORAGE

(51) International classification :H02J7/00
(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)RAVA, PALLABI
2)DAS, KAPIL

(57) Abstract :
The present invention relates to a system, more particularly a reservoir for eco friendly and cold. storage of fruits and vegetables for seven to ten days.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.1015/KOL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : SOLAR POWERED AIR COOLER

(51) International classification :F25B27/00
(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)HORO, AMRIT
2)MANDAL, SANJEET

(57) Abstract :
The present invention relates to a solar powered cooling device comprising of (a) a wooden storage box, (b) a solar chimney, (c) water pipe, (d) bricks and (e) black paint wherein said solar chimney further comprises of a) an elongated chamber, b) a turbine connected to the mouth of the chimney, c) a black polythene sheet spread over the turbine in the form of an inverted umbrella, d) a galvanometer connected to turbine through dynamo to generate electricity.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2015

(21) Application No.1060/KOL/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : IMPROVED AIR COMPRESSOR

(51) International classification :F04B53/16
(31) Priority Document No :103135093
(32) Priority Date :08/10/2014
(33) Name of priority country :Taiwan
(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)CHOU, Wen-san

(57) Abstract :
An improved air compressor includes a cylinder with a piston body and an air storage container. The air storage container can be detachably mounted to the cylinder to define a primary air chamber, and an auxiliary air chamber which can reduce the motion resistance of the piston body, so that the piston body can conduct reciprocating motion in the cylinder more smoothly. Furthermore, the cylinder has an open bottom that is divided into two halves according to a central vertical line (Y) of the cylinder, wherein one half of the open bottom is horizontal while the other half of the open bottom is slanted. When the piston body reaches the bottom dead center, the head of the piston body will be entirely within the cylinder and thus keep air-tight with the cylinder. Therefore, the performance of compressing air and the operational safety can be increased.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2015

(21) Application No.825/KOL/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN APPARATUS FOR GAINING ACCESS TO LIFT VEHICLES

(51) International classification :B66F9/06
(31) Priority Document No :MO2014A000282
(32) Priority Date :09/10/2014
(33) Name of priority country :Italy
(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)IOTTI MARCO

(57) Abstract :
The apparatus (1) for gaining access to the drivers cab of a telescopic handler or the like, comprises: a ladder (10) which in turn comprises at least two parts (11, 12) of which at least one is movable; and an automatic device (3) for moving said movable part (11,12).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.1020/KOL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN IMPROVED CONDENSER DEVICE FOR COOLING TRANSFORMER OIL AND CONVERTING HEAT ENERGY OF TRANSFORMER OIL INTO ELECTRICITY

(51) International classification :F28F25/08
(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)T. MALLIKHARJUNA RAO

(57) Abstract :
The invention relates to an improved condenser device for cooling transformer oil and converting heat energy of transformer oil into electricity, comprising; a plurality of heat pipes arranged in a staggered fashion maintaining an internal vacuum of at least 0.07 bar with a working fluid inside having a saturation temperature of about 39°C; wherein the number of heat pipes is restricted to thirty for a 500 MW transformer, and wherein the heat pipe is wickless, a two-phase closed thermo syphon.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.1021/KOL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : AN IMPROVED AUTOMATISED CUT TO LENGTH SYSTEM FOR CUTTING HOT ROLLED SHEET/COIL TO ACCURATE LENGTH USING FLYING CUT OFF SHEAR.

(51) International classification :B23D19/00
(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)KUMAR DEEPAK
3)SHARAN ARCHANA
4)PRASAD RAMANUJ
5)MAJUMDAR SUSANTA

(57) Abstract :
The present invention relates to an automatised cut to length system using Laser Doppler Velocimeter for state-of-the-art LASER based length measurement and Programmable Logic Controller (PLC) based control system for ensuring precise cutting length by shearing of rolled sheets/strips. The system has been developed around laser based sensor and a control system involving PLC (Programmable Logical Controller) for initiating cut commands based on measured length involving the said non-contact laser sensor, PC based HMI (Human Machine Interface) for setting desired length, with installed soft logic for length calculation, and displaying the actual cut length, and interlocks to operate a sharing mechanism to cut the desired set length. Installation of sensor involves erection of major structure for vibration free measurement so as to measure the length accurately. The system ensure reduction in length variation from 1% to 0.54% of set length, enhancing productivity, saving cost and reducing downtime of plant.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2011

(21) Application No.1301/KOLNP/2011 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : PREPARATION OF ALKYL-SUBSTITUTED 2-DEOXY-2-FLUORO-D-RIBOFURANOSYL PYRIMIDINES AND PURINES AND THEIR DERIVATIVES

(51) International classification :C07H 19/00
(31) Priority Document No :60/589866
(32) Priority Date :21/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/025916
Filing Date :21/07/2005
(87) International Publication No :WO/2006/012440
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :605/KOLNP/2007
Filed on :20/02/2007

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1)WANG Peiyuan;
2)STEC Wojciech;
3)CHUN Byoung-Kwon;
4)SHI Junxing;
5)DU Jinfa;

(57) Abstract :
The present invention provides (i) a process for preparing a 2-deoxy-2-fluoro-2-methyl-D-ribonolactone derivative, (ii) conversion of the lactone to nucleosides with potent anti-HCV activity, and their analogues, and (iii) a method to prepare the anti-HCV nucleosides containing the 2-deoxy-2-fluoro-2-C-methyl-β-D-ribofuranosyl nucleosides from a preformed, preferably naturally-occurring, nucleoside.

No. of Pages : 28 No. of Claims : 4

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

(21) Application No.3730/KOLNP/2011 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : IMPACT MODIFIED STYRENIC POLYMERS WITH IMPROVED STRESS CRACK PROPERTIES

(51) International classification :C07C 15/02
(31) Priority Document No :61/161,438
(32) Priority Date :19/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/025170
Filing Date :24/02/2010
(87) International Publication No :WO 2010/107557
(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)COCHRAN, THOMAS
2)VIOLA, JEFFREY, P

(57) Abstract :
A method of improving the stress crack resistance of an impact modified styrenic polymer comprising (a) combining about 95 to about 99.5 wt. % of an impact modified styrenic polymer with about 0 5 to about 5 wt. % of a polymer solution comprising about 25 to about 75 wt % polyisobutylene and about 25 to about 75 wt. % of a polyolefin comprising one or more C2to C12 alpha olefins.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.1026/KOL/2014 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : DETERMINATION OF WHIRL DIRECTION OF SHAFT USING MODIFIED FULL SPECTRUM ANALYSIS OF MOTOR CURRENT SIGNATURE

(51) International classification :D06F33/02
(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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2)ALOK KUMAR VERMA
3)GEETA KRISHNAN

(57) Abstract :
A method for detecting whirl direction of a shaft coupled with a 3-phase induction motor, the method comprising the steps of acquiring stator current signals as a representative of the motor; noise reduction of the acquired signals; transforming time domain current signals to frequency domain signals; modified full spectrum analysis of transformed stator current signals to extract spectral information and determining forward and backward amplitude; and detecting the whirl direction based on analyzing the modified full spectrum information.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/06/2011

(21) Application No.2358/KOLNP/2011 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : METHOD AND DEVICE FOR MAPPING AND DEMAPPING A CLIENT SIGNAL

(51) International classification :H04B10/00
(31) Priority Document No :200910005200.5
(32) Priority Date :10/02/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/070171
Filing Date :14/01/2010
(87) International Publication No :WO/2010/091604
(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)WU Qiuyou;
2)SHEN Yao

(57) Abstract :
Disclosed are a method and device for implementing mapping and de-mapping of a client signal, said method including the following steps: dividing part or all of the payload area of the optical channel payload unit or optical channel data tributary unit into several sub blocks, the size of said sub block being N bytes, and N being greater than or equal to 1 (210); setting N bytes as the granularity and mapping the client signal, which is waiting to be sent, to the sub blocks of the payload area (220). When performing client signal mapping, the technical solutions adopted by the embodiments of the present invention use blocks as the mapping granularity to perform block mapping of the client signal, thus reducing the complexity of client signal mapping processing, and meeting the requirements of multi-rate service.

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2015

(21) Application No.1073/KOL/2015 A
(43) Publication Date : 15/04/2016

(54) Title of the invention : FAN AND METHOD OF COOLING A MOTOR

(51) International classification :H02K9/06
(31) Priority Document No :201410642765.5
(32) Priority Date :11/10/2014
(33) Name of priority country :China
(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 :
A fan comprises a hub and at least one blade coupled to the hub. The blade comprises an inlet portion and an outlet portion. The inlet portion is defined by a longitudinal axis, an inlet edge, and a portion of a distal edge. The outlet portion is defined by the longitudinal axis, an outlet edge, and another portion of the distal edge.

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

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	272559	2058/DELNP/2004	17/01/2003	23/01/2002	A SYSTEM FOR PROVIDING MULTIMEDIA PRESENTATIONS ON DEMAND IN A NEAR ON DEMAND ENVIRONMENT	THOMSON LICENSING S.A	06/04/2007	DELHI
2	272560	7073/DELNP/2008	08/02/2007	10/02/2006	SYSTEM AND PROCESS FOR FLUID REGULATION	DRESSER, INC.	12/09/2008	DELHI
3	272562	7852/DELNP/2009	26/06/2008	29/06/2007	4-CHLORO-4-ALKOXY-1,1,1-TRIFLUORO-2-BUTANONES, THEIR PREPARATION AND THEIR USE IN PREPARING 4-ALKOXY-1,1,1-TRIFLUORO-3-BUTEN-2-ONES	DOW AGROSCIENCES LLC	30/07/2010	DELHI
4	272564	629/DEL/2007	22/03/2007 15:11:07		AN IMPROVED NARROW GAP GAS METAL ARC WELDING TORCH	DEPARTMENT OF SCIENCE AND TECHNOLOGY (DST)	07/11/2008	DELHI
5	272565	1517/DELNP/2008	26/08/2005	26/08/2005	PROCESS FOR THE PREPARATION OF GLYCOSYLATED INTERFERON BETA	ARES TRADING S.A.	20/06/2008	DELHI
6	272566	1775/DELNP/2009	21/09/2007	22/09/2006	POLYNUCLEOTIDE ENCODING ACETOLACTATE SYNTHASE	DANISCO US, INC., GENENCOR DIVISION	22/05/2009	DELHI
7	272567	7911/DELNP/2007	25/04/2006	26/04/2005	Recombinant Proteins and Production by Autoproteolytic Cleavage of a Fusion Protein	SANDOZ AG.,BOEHRINGER INGELHEIM RCV GMBH & CO.KG	09/11/2007	DELHI
8	272573	8278/DELNP/2007	12/04/2006	13/04/2005	DEVICE FOR SEALED COUPLING OF TWO SMOOTH TUBES	ETABLISSEMENTS CAILLAU	04/07/2008	DELHI
9	272574	1280/DEL/2006	26/05/2006	31/05/2005	A GAS SWIRL INDUCER	TECHNOLOGICAL RESOURCES PTY. LIMITED	24/08/2007	DELHI
10	272575	3016/DELNP/2004	04/04/2003	04/04/2002	A METHOD OF PREPARING SEAMLESS CAPSULES	FMC BIOPOLYMER AS	02/10/2009	DELHI

11	272576	4985/DELNP/2010	10/12/2008	11/12/2007	ELECTROLYTIC DEPOSITION OF METAL-BASED COMPOSITE COATINGS COMPRISING NANO-PARTICLES	ENTHONE INC.	18/11/2011	DELHI
12	272581	2740/DELNP/2010	16/10/2008	30/10/2007	CONTINUOUS METHOD FOR THE HETEROGENICALLY CATALYZED ESTERIFICATION OF FATTY ACIDS	BAYER TECHNOLOGY SERVICES GMBH	04/02/2011	DELHI
13	272582	2642/DELNP/2004	20/03/2003	28/03/2002	APPARATUS COMPRISING A FLEXIBLE TEXTILE STRUCTURE AND METHOD FOR MANUFACTURING THEREOF	MILLIKEN & COMPANY	09/10/2009	DELHI
14	272585	1868/DELNP/2007	24/08/2005	26/08/2004	A FAN ASSEMBLY	TWIN CITY FAN COMPANIES, LTD.	17/08/2007	DELHI
15	272588	6648/DELNP/2008	06/02/2007	07/02/2006	ACROLEIN PREPARATION METHOD	ARKEMA FRANCE	29/08/2008	DELHI
16	272592	8424/DELNP/2010	02/06/2009	03/06/2008	METHOD FOR GLYCOSYLATING AND SEPARATING PLANT FIBER MATERIAL	TOYOTA JIDOSHA KABUSHIKI KAISHA	02/03/2012	DELHI
17	272595	4334/DELNP/2008	17/10/2006	17/10/2005	A LENTIVIRAL VECTOR-BASED VACCINE •	INSTITUT PASTEUR	20/03/2009	DELHI
18	272596	118/DELNP/2009	12/06/2007	12/06/2006	STABLE LAQUINIMOD PREPARATIONS •	TEVA PHARMACEUTICAL INDUSTRIES LTD.	12/06/2009	DELHI
19	272599	502/DEL/2006	24/02/2006	25/02/2005	METHOD OF REPAIRING A ONE-PIECE BLADED DISC, START-OF-RUN AND END-OF-RUN TEST PIECES	SNECMA,SNECMA SERVICES	17/08/2007	DELHI
20	272600	7695/DELNP/2008	13/02/2007	15/02/2006	A SYSTEM FOR DETECTING PATHOGENS USING MICROBEADS CONJUGATED TO BIORECOGNITION MOLECULES	FIO CORPORATION	17/10/2008	DELHI
21	272617	4310/DELNP/2009	02/01/2008	29/12/2006	A PROCESS FOR THE EXTRACTION OF FACTOR VII PRESENT IN MILK	LFB BIOTECHNOLOGIES	01/01/2010	DELHI
22	272618	3450/DELNP/2007	04/11/2005	04/11/2004	HIGH PUFA OIL COMPOSITIONS	MONSANTO TECHNOLOGY LLC	31/08/2007	DELHI
23	272620	4919/DELNP/2007	05/12/2005	29/12/2004	RADIO FREQUENCY IDENTIFICATION DEVICE WITH VISUAL INDICATOR	AVERY DENNISON CORPORATION	17/08/2007	DELHI

24	272624	1065/DELNP/2008	06/07/2006	08/07/2005	INSERT CASTING COMPONENT	TOYOTA JIDOSHA KABUSHIKI KAISHA	04/07/2008	DELHI
25	272628	2311/DELNP/2008	18/09/2006	26/09/2005	A TOOTHBRUSH	COLGATE-PALMOLIVE COMPANY	08/08/2008	DELHI
26	272629	5915/DELNP/2008	28/12/2005	28/12/2005	ALLOY COMPOSITION FOR THE MANUFACTURE OF PROTECTIVE COATINGS, ITS USE, PROCESS FOR ITS APPLICATION AND SUPER-ALLOY ARTICLES COATED WITH THE SAME COMPOSITION	ANSALDO ENERGIA S.P.A.	24/10/2008	DELHI
27	272630	6822/DELNP/2006	25/05/2005	26/05/2004	PROCESS FOR APPLYING MULTI-COMPONENT COMPOSITE COATINGS TO SUBSTRATES TO PROVIDE SOUND DAMPING AND PRINT-THROUGH RESISTANCE	PPG INDUSTRIES OHIO INC	27/04/2007	DELHI
28	272632	2293/DEL/2004	19/11/2004	22/11/2003	APPARATUS AND METHOD FOR COMPACTING TOBACCO, RIBS OR THE LIKE	HAUNI PRIMARY GmbH	25/08/2006	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	272569	977/MUM/2006	22/06/2006 13:05:24		AN IMPROVED CURRENT LIMITING CIRCUIT BREAKER SYSTEM FOR DETECTION AND DISCRIMINATION OF FAULTS	LARSEN & TOUBRO LIMITED	04/07/2008	MUMBAI
2	272578	664/MUM/2008	27/03/2008 16:25:34		AN AUTOMATED SYSTEM AND A METHOD FOR MEASURING VARIOUS PARAMETERS FOR CIRCUIT BREAKERS	LARSEN & TOUBRO LIMITED	23/10/2009	MUMBAI
3	272583	431/MUMNP/2008	21/02/2006	22/08/2005	MAGNETICALLY LEVITATED TRANSPORT SYSTEM	CLEARWATER HOLDINGS, LTD.	21/03/2008	MUMBAI
4	272594	2019/MUM/2008	22/09/2008		STABLE ORAL ATORVASTATIN FORMULATION AND PROCESS OF ITS PREPARATION	MACLEODS PHARMACEUTICALS LIMITED	30/07/2010	MUMBAI
5	272606	1094/MUMNP/2012	28/10/2010	28/10/2009	HOT-PRESSED MEMBER AND METHOD FOR PRODUCING THE SAME	JEE STEEL CORPORATION	04/10/2013	MUMBAI
6	272611	1033/MUM/2008	14/05/2008 14:27:47		FUMIGATION GAS MONITORING SYSTEM AND METHOD	UPL LIMITED	12/06/2009	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	272563	2118/CHENP/2008	30/10/2006	31/10/2005	PROCESS FOR PRODUCTION OF BENZYLOXYPYRROLIDINE DERIVATIVE, AND PROCESS FOR PRODUCTION OF HYDROCHLORIDE SALT POWDER OF OPTICALLY ACTIVE BENZYLOXYPYRROLIDINE DERIVATIVE	TORAY FINE CHEMICALS CO LTD	27/02/2009	CHENNAI
2	272568	2304/CHE/2009	23/09/2009 11:16:12	25/09/2008	APPARATUS AND METHOD FOR FAST SIMULATION OF MANUFACTURING EFFECTS DURING INTEGRATED CIRCUIT DESIGN	INTERNATIONAL BUSINESS MACHINES CORPORATION	30/07/2010	CHENNAI
3	272570	1744/CHENP/2008	05/09/2006	07/09/2005	A DEVICE FOR IMPROVING THE FUNCTION OF HEART VALVE	Medtentia International Ltd Oy	26/12/2008	CHENNAI
4	272571	5041/CHENP/2009	19/03/2008	20/09/2007	SPEED CHANGE TRANSMISSION SYSTEM	KUBOTA CORPORATION	30/10/2009	CHENNAI
5	272572	5462/CHENP/2007	21/06/2006	23/06/2005	ASSEMBLY OF BAFFLES AND SEALS AND METHOD OF ASSEMBLING A HEAT EXCHANGER	EMBAFFLE B. V.	28/03/2008	CHENNAI
6	272577	7663/CHENP/2009	04/06/2008	29/06/2007	A PROCESS FOR MANUFACTURING A HOT DIP GALVANIZED OR GALVANNEALED STEEL	NIPPON STEEL & SUMITOMO METAL CORPORATION,ARCELORMITTAL FRANCE	18/06/2010	CHENNAI
7	272584	5234/CHENP/2007	10/05/2006	18/05/2005	METHOD AND APPARATUS FOR ENHANCED UPLINK DATA TRANSMISSION	KONINKLIJKE PHILIPS ELECTRONICS N. V	11/01/2008	CHENNAI
8	272586	2664/CHENP/2008	27/10/2006	28/10/2005	A WELL FLUID SEPARATOR TANK FOR SEPARATION OF FLUID COMPRISING WATER, OIL AND GAS, AND A METHOD FOR SEPARATING A WELL FLUID HAVING WATER,OIL AND GAS	SCHLUMBERGER NORGE AS	06/03/2009	CHENNAI

9	272587	130/CHENP/2009	07/08/2007	09/08/2006	REFERENCE SIGNAL GENERATION FOR MULTIPLE COMMUNICATION SYSTEMS	QUALCOMM INCORPORATED	29/05/2009	CHENNAI
10	272590	5056/CHENP/2009	07/03/2008	09/03/2007	QUADRATURE IMBALANCE ESTIMATION USING UNBIASED TRAINING SEQUENCES	QUALCOMM INCORPORATED	06/11/2009	CHENNAI
11	272591	4343/CHENP/2009	12/02/2008	14/02/2007	USER POWER OFFSET ESTIMATION USING DEDICATED PILOT TONES FOR OFDMA	QUALCOMM INCORPORATED	14/08/2009	CHENNAI
12	272593	612/CHE/2007	26/03/2007 15:02:19		A PILLION HANDLE FOR A MOTORCYCLE	TVS MOTOR COMPANY LIMITED	05/12/2008	CHENNAI
13	272597	3913/CHENP/2009	05/12/2007	05/12/2006	A RING SPINNING MACHINE FOR THE PRODUCTION OF FANCY TWINE	AMSLER TEX AG	21/08/2009	CHENNAI
14	272601	4433/CHENP/2009	19/12/2007	26/01/2007	GEARBOX WITH OIL CIRCUIT PIPING AND GEARBOX RANGE	SEW-EURODRIVE GMBH & CO. KG	06/11/2009	CHENNAI
15	272603	4234/CHENP/2008	16/02/2007	16/02/2006	A PELVIC IMPLANT ASSEMBLY	AMS RESEARCH CORPORATION	13/03/2009	CHENNAI
16	272604	5195/CHENP/2008	26/03/2007	28/03/2006	PLEATABLE NONWOVEN MATERIAL AND METHOD AND APPARATUS FOR PRODUCTION THEREOF	IREMA-FILTER GmbH	20/03/2009	CHENNAI
17	272605	3367/CHENP/2007	20/12/2005	31/01/2005	COMPOSITE PROFILE PROVIDED WITH A SUPPORT BODY MADE OF A LIGHT METAL MATERIAL AND A PROFILED STRIP AND A METHOD FOR PRODUCING SAID PROFILE	Constellium Switzerland AG	16/11/2007	CHENNAI
18	272607	5257/CHENP/2007	18/04/2006	20/04/2005	DEVICE AND METHOD FOR HOLDING AND CONNECTING AN ANODE ROD ONTO AN ANODE BEAM OF AN ALUMINIUM ELECTROLYTIC CELL	E.C.L	25/01/2008	CHENNAI
19	272608	736/CHENP/2007	20/07/2005	20/07/2004	PROCESS FOR PRODUCING ENRICHED POLYCLONAL ANTIBODY AND METHOD FOR DETECTING MYCOBACTERIUM	CHEMOGEN, INC	24/08/2007	CHENNAI

20	272613	307/CHENP/2007	23/06/2005	24/06/2004	METHOD AND APPARATUS FOR MONITORING AND DETECTING DEFECTS IN A PLASTIC PACKAGE SEALING	IRCON, INC	24/08/2007	CHENNAI
21	272614	302/CHENP/2008	12/07/2006	19/07/2005	GENERATION OF MULTI-CHANNEL AUDIO SIGNALS	KONINKLIJKE PHILIPS ELECTRONICS N.V.,CODING TECHNOLOGIES AB,AGERE SYSTEMS ,DOLBY SWEDEN AB,DOLBY INTERNATIONAL AB	19/09/2008	CHENNAI
22	272615	7010/CHENP/2009	12/04/2008	30/05/2007	DEVICE FOR THE EXTRUSION OF PREFORMS IN WEB OR STRIP FORM FROM THERMOPLATIC MATERIAL AND METHOD FOR THE EXTRUSION OF SUCH A PREFORM	KAUTEX TEXTRON GMBH & CO. KG	21/05/2010	CHENNAI
23	272616	409/CHE/2009	25/02/2009 16:28:22	27/02/2008	A TRANSPORT AND STORAGE CONTAINER FOR LIQUIDS	PROTECHNA S.A.	11/09/2009	CHENNAI
24	272621	2844/CHENP/2009	12/12/2007	19/12/2006	AN IPTV SYSTEM, AN APPLICATION SERVER AND A RELATED LOCATION AGENT	ALCATEL LUCENT	21/08/2009	CHENNAI
25	272622	5517/CHENP/2007	29/05/2006	02/06/2005	INK-JET AUTHENTICATION MARK FOR A PRODUCT OR PRODUCT PACKAGING	AGFA GRAPHICS NV	28/03/2008	CHENNAI
26	272625	5151/CHENP/2009	05/03/2008	14/03/2007	ENCODING BIT-RATE CONTROL METHOD	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	13/11/2009	CHENNAI
27	272626	3283/CHENP/2008	02/11/2006	27/12/2005	DISPLAY HAVING SELF-ORIENTING MOUNTING AREA	In Vue Security Products Inc.	06/03/2009	CHENNAI
28	272627	4108/CHENP/2008	11/01/2007	07/02/2006	CLOSURE AND PACKAGE WITH INDUCTION SEAL AND RFID TAG	Rexam Healthcare Packaging Inc.	13/03/2009	CHENNAI
29	272635	4959/CHENP/2009	27/02/2008	27/02/2007	FIXATION OF A BIOLOGICAL MATERIAL	QIAGEN GMBH	06/11/2009	CHENNAI
30	272637	2218/CHE/2007	03/10/2007 14:42:39		CARBON NANOSPHERE-N-(4-CHLORO-3-TRIFLUOROMETHYL-PHENYL)-2-ETHOXY-6-PENTADECYLBENZAMIDE COMPOSITION AND A PROCESS THEREOF	JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH	02/04/2010	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	272561	4235/KOLNP/2009	16/04/2008	09/05/2007	POLYPROPYLENE RESIN FOAMED BEAD AND MOLDED ARTICLE THEREFROM	JSP CORPORATION	02/07/2010	KOLKATA
2	272579	1518/KOLNP/2010	21/11/2008	28/11/2007	A METHOD FOR SHOT PEENING	SINTOKOGIO, LTD.	17/09/2010	KOLKATA
3	272580	59/KOL/2009	12/01/2009	16/01/2008	PROCESS FOR HETEROGENEOUSLY CATALYSED PREPARATION OF CARBOXYLIC ACID DERIVATIVES	EVONIK DEGUSSA GMBH	31/07/2009	KOLKATA
4	272589	3442/KOLNP/2010	18/03/2009	28/03/2008	AN ACTIVE ENERGY RAY-CURABLE INK COMPOSITION	DIC CORPORATION	25/11/2011	KOLKATA
5	272598	1493/KOLNP/2008	11/05/2006	15/11/2005	SYNTHETIC LEATHER WITH HIGH INFRARED RADIATION REFLECTANCE	SPAC S.P.A.	02/01/2009	KOLKATA
6	272602	4129/KOLNP/2009	22/05/2008	01/06/2007	RECONSTITUTED SURFACTANTS HAVING IMPROVED PROPERTIES	CHIESI FARMACEUTICI S.P.A.	12/03/2010	KOLKATA
7	272609	1922/KOL/2008	03/11/2008	07/11/2007	CONTROL METHOD FOR A VEHICULAR HYBRID POWERTRAIN SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, LLC,DAIMLER AG,CHRYSLER LLC,BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	05/06/2009	KOLKATA
8	272610	492/KOLNP/2007	12/07/2005	12/07/2004	AN ISOLATOR SEAL	AES ENGINEERING LIMITED	03/04/2009	KOLKATA
9	272612	1497/KOL/2008	01/09/2008	22/10/2007	AN EXHAUST SYSTEM THAT PROCESSES EXHAUST GENERATED BY AN ENGINE AND A METHOD OF REGENERATING A PARTICULATE FILTER OF THE EXHAUST SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA

10	272619	2394/KOLNP/2007	13/12/2005	16/12/2004	A NON-REFILLABLE STOPPER FOR BOTTLES OF SPIRITS AND THE LIKE	GUALA CLOSURES INTERNATIONAL B.V.	17/08/2007	KOLKATA
11	272623	1876/KOLNP/2010	30/12/2008	03/01/2008	COMPOSITIONS AND METHODS FOR TREATING DISEASES OF THE NAIL	DOW PHARMACEUTICAL SCIENCES, INC.	10/09/2010	KOLKATA
12	272631	2002/KOLNP/2007	01/12/2005	03/12/2004	THERMAL PAPER	ENGELHARD CORPORATION	10/08/2007	KOLKATA
13	272633	1608/KOL/2008	19/09/2008 14:58:22	01/11/2007	GEAR AND CLUTCH ARRANGEMENT FOR MULTI-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
14	272634	3821/KOLNP/2006	09/06/2005	10/06/2004	EXPOSURE APPARATUS AND DEVICE MANUFACTURING METHOD"	NIKON CORPORATION,NIKON ENGINEERING CO.,LTD.	22/06/2007	KOLKATA
15	272636	3174/KOLNP/2008	11/01/2007	11/01/2006	CONTROL SYSTEM WITH WIRELESS MESSAGES CONTAINING MESSAGE SEQUENCE INFORMATION	FISHER-ROSEMOUNT SYSTEMS, INC.	13/02/2009	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART- 1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. 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.

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of EYELOCK, INC. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
263909	**24-01**	EYELOCK LLC OF 355 LEXINGTON AVENUE, 12TH FLOOR, NEW YORK, NY 10017, USA

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of NOKIA CORPORATION registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
255745 **261222** **261325**	**14-99** **14-03** **14-02**	MICROSOFT MOBILE OY, A CORPORATION ORGANIZED UNDER THE LAWS OF FINLAND OF THE ADDRESS KEILALAHDENTIE 2-4, 02150 ESPOO, FINLAND

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of OERLIKON SAURER ZWEIGNIEDERLASSUNG DER OERLIKON TEXTILE GMBH & CO. KG registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
234715	**15-06**	SAURER GERMANY GMBH & CO. KG, A GERMAN COMPANY, OF LEVERKUSER STRASSE 65, 42897 REMSCHEID, GERMANY

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of AQUAMEC LTD registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
247197 **247198**	**15-04** **15-04**	LANNEN MCE OY, HIRVIKOSKENTIE 242, FI-32210 LOIMAA, FINLAND, A FINNISH COMPANY

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of MR. KAVINDRA VORA registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
270362	**04-01**	GODREJ CONSUMER PRODUCTS LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT PIROJSHANAGAR, EASTERN EXPRESS HIGHWAY, VIKHROLI, MUMBAI 400 079, STATE OF MAHARASHTRA, INDIA

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of TECUMSEH EUROPE S.A. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
231615	**13-03**	TECUMSEH EUROPE SALES & LOGISTICS A COMPANY UNDER THE LAWS OF FRANCE, WHOSE ADDRESS IS 2 AVENUE BLAISE PASCAL, 38090 VAULX MILIEU, FRANCE (FRENCH NATIONALITY)

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of SHREE SIMANDHAR INDUSTRIES registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
253634	**04-01**	GODREJ CONSUMER PRODUCTS LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT PIROJSHANAGAR, EASTERN EXPRESS HIGHWAY, VIKHROLI, MUMBAI 400 079, STATE OF MAHARASHTRA, INDIA

CANCELLATION PROCEEDINGS
under Section 19 of the Designs Act, 2000 &
under Rule 29(1) of Designs (Amendment) Rules, 2008

"**Shri Mahesh Gupta**, of H-35, South Extension, Part-1, New Delhi – 110049, India has filed a petition **(Petition No. Can/028/2016)** on 30/03/2016 for cancellation of registration of registered Design No. **241953** dated 29/12/2011 under class 23-01 titled as 'Wate3r Purifier' in the name of **A.N. Polymers Private Limited,** India, a company incorporated in India under the Companies Act, 1956 at A-54, Naraina Industrial Area, Phase-1, New Delhi – 110028 (India)."

"**Shri Subhneet Singh**, proprietor of Virdhi Rice Screens Company, of 66/4 Dharamtalla Road, Ghusuri, Howrah – 711107, West Bengal, Indian national has filed a petition **(Petition No. Can/027/2016)** on 28/03/2016 for cancellation of registration of registered Design No. **265190** dated 27/8/2014 under class 15-03 titled as 'Rice Huller and Polisher Machine' in the name of **Umang Jindal,** D/65 Block D, New Alipore, Kolkata – 700 053, West Bengal, India, an Indian national."

"Sushil Gupta**, an Indian residing at House No.52, Sector 17, Panchkula, Haryana, India has filed a petition** (Petition No.Can/006/2016) **on 08/02/2016 for cancellation of registration of registered Design No.** 265171 **dated 27th August 2014 under Class 12-16 titled as "Wheel Rim for Vehicles" in the name of** Klassic Wheels Pvt. Ltd.**, a company incorporated under the Indian Companies Act, at E-7 & E-8 M.I.D.C., Ahmednagar, Maharashtra, India. The design is in force upto 27/08/2024."**

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	190950	14.03.2016
2.	193993	05.04.2016
3.	194894	05.04.2016
4.	196978	05.04.2016
5.	197814	05.04.2016
6.	197988	07.04.2016
7.	198326	22.03.2016
8.	198327	28.03.2016
9.	198469	05.04.2016
10.	198557	05.04.2016
11.	199222	28.03.2016
12.	199223	28.03.2016
13.	199408	04.02.2016
14.	199409	04.02.2016
15.	199410	04.02.2016
16.	199411	04.02.2016
17.	199412	04.02.2016
18.	200063	05.04.2016
19.	200238	14.03.2016

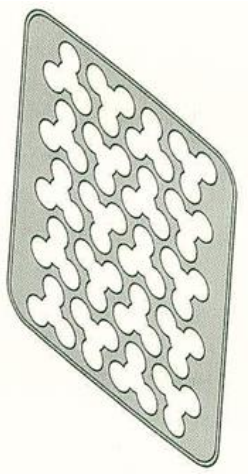
REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	272511
CLASS	23-03

1)BORGWARNER EMISSIONS SYSTEMS SPAIN, S.L.U. (A PRIVATE LIMITED COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF SPAIN), HAVING ITS REGISTERED OFFICE AT:
CARRETERA DE ZAMANES, 20, 36315 VIGO, PONTEVEDRA, SPAIN

DATE OF REGISTRATION	03/06/2015
TITLE	HEAT EXCHANGER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002589986-0003	03/12/2014	OHIM

DESIGN NUMBER	272677
CLASS	14-03

1)SAMSUNG ELECTRONICS CO., LTD.
129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	10/06/2015
TITLE	MOBILE PHONE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0064579	31/12/2014	REPUBLIC OF KOREA

DESIGN NUMBER	271727
CLASS	99-00

1)RAKESH AGGARWAL (AN INDIAN NATIONAL)
AT BP-79, 2ND FLOOR, SHALIMAR BAGH, DELHI

DATE OF REGISTRATION	27/04/2015
TITLE	PIPE

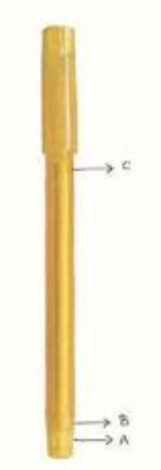
PRIORITY NA

DESIGN NUMBER	278299
CLASS	12-16
1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA 141421	
DATE OF REGISTRATION	11/12/2015
TITLE	LOAD STABILIZER ASSEMBLY OF CRANE
PRIORITY NA	

DESIGN NUMBER	271394
CLASS	10-02
1)GANGCAI, ZHOU; A CHINESE NATIONAL, NO. 123, PINGNING, PINGNING VILLAGE, BANGSHAN TOWN, LONGHAI, FUJIAN, CHINA AND YONGJIE, XU; A CHINESE NATIONAL, NO. 39, DONGXING, DONGMEI VILLAGE, JIAOMEI TOWN, LONGHAI, FUJIAN, CHINA	
DATE OF REGISTRATION	15/04/2015
TITLE	WATCH
PRIORITY NA	

DESIGN NUMBER	277529
CLASS	10-06
1)MR. KISHAN JAIN AN INDIVIDUAL-INDIAN RESIDENT WHOSE ADDRESS IS, A/302, KEMP PLAZA, MIND SPACE, OFF LINK ROAD, CHINCHOLI BUNDER, MALAD (WEST), MUMBAI-400064, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	16/11/2015
TITLE	DOOR BELL
PRIORITY NA	

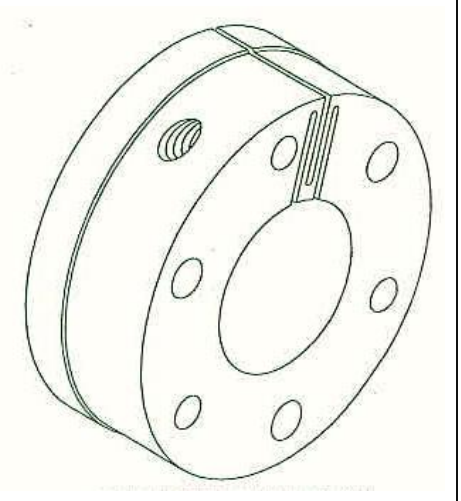
DESIGN NUMBER	273742
CLASS	19-06
1)IMCO OFFICE PRODUCTS INTERNATIONAL PVT. LTD, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT 1956, HAVING ITS REGISTERED OFFICE AT NO. 7A, SECOND MAIN ROAD, IIT COLONY, NARAYANAPURAM, PALLIKARANAI, CHENNAI-600100, STATE OF TAMIL NADU, INDIA	
DATE OF REGISTRATION	20/07/2015
TITLE	PEN
PRIORITY NA	



DESIGN NUMBER	271737
CLASS	08-08
1)MIKI PULLEY CO., LTD., 461 IMAI-MINAMICHO. NAKAHARA-KU, KAWASAKI-SHI, KANAGAWA 211-8577, JAPAN, A JAPANESE CORPORATION	
DATE OF REGISTRATION	27/04/2015
TITLE	SHAFT COUPLING HUB

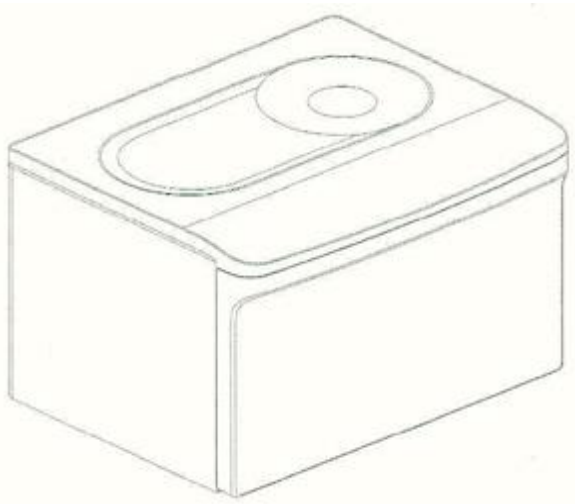
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-024064	28/10/2014	JAPAN



DESIGN NUMBER	277656
CLASS	23-04
1)M/S V-GUARD INDUSTRIES LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956 WHOSE ADDRESS IS 33/2905 F, VENNALA HIGH SCHOOL ROAD, VENNALA, KOCHI-682028, KERALA STATE, INDIA	
DATE OF REGISTRATION	18/11/2015
TITLE	CEILING FAN
PRIORITY NA	

DESIGN NUMBER	278031
CLASS	07-02
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742 REPUBLIC OF KOREA	
DATE OF REGISTRATION	02/12/2015
TITLE	MICROWAVE OVEN



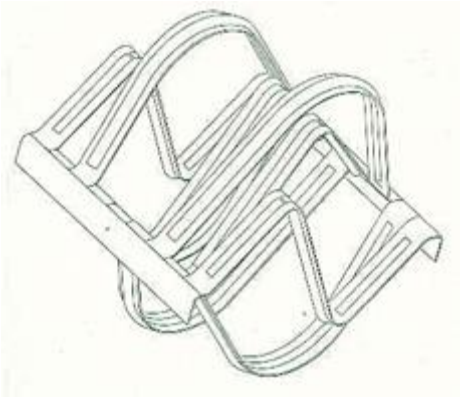
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0034687	09/07/2015	KOREA(SOUTH)

DESIGN NUMBER	272520
CLASS	21-02
1)YONEX KABUSHIKI KAISHA, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 23-13, YUSHIMA 3-CHOME BUNKYO-KU, TOKYO, JAPAN	
DATE OF REGISTRATION	03/06/2015
TITLE	BADMINTON RACKET FRAME

PRIORITY NA

DESIGN NUMBER	271754
CLASS	23-01
1)SULZER CHEMTECH AG, OF SULZERALLEE 48, 8404 WINTERTHUR, SWITZERLAND	
DATE OF REGISTRATION	28/04/2015
TITLE	FLUID DISTRIBUTION ELEMENT



PRIORITY

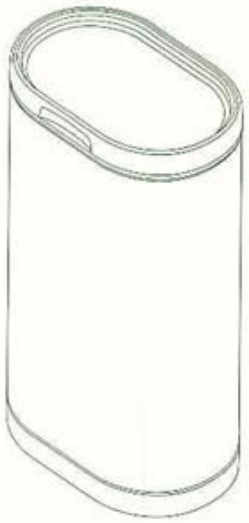
PRIORITY NUMBER	DATE	COUNTRY
002565705	28/10/2014	OHIM

DESIGN NUMBER	278399
CLASS	09-01
1)PRAMIT SANGHAVI, AN INDIAN NATIONAL, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA	
DATE OF REGISTRATION	16/12/2015
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	272706
CLASS	03-01
1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITISH COMPANY OF 103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, UNITED KINGDOM	
DATE OF REGISTRATION	12/06/2015
TITLE	CONTAINER FOR CONDOMS

PRIORITY

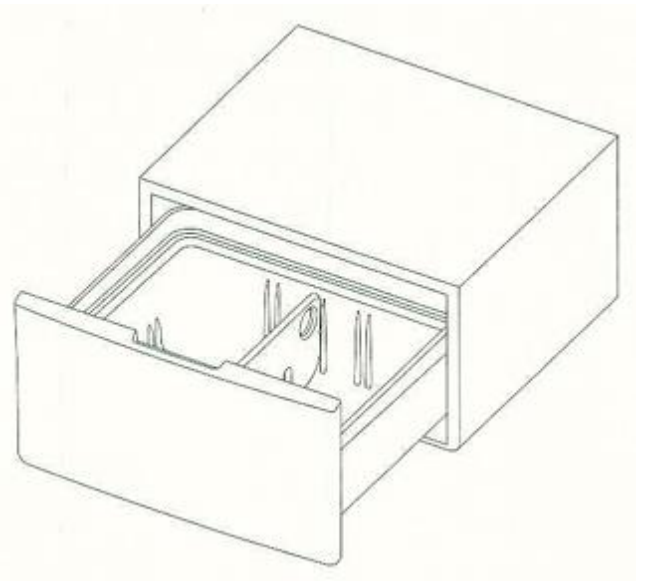
PRIORITY NUMBER	DATE	COUNTRY
002597625-0003	15/12/2014	OHIM



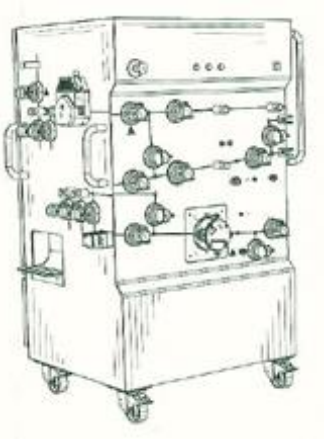
DESIGN NUMBER	277710
CLASS	15-05
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742 REPUBLIC OF KOREA	
DATE OF REGISTRATION	20/11/2015
TITLE	DRAWER FOR WASHING MACHINE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0043602	28/08/2015	KOREA(SOUTH)



DESIGN NUMBER	278402
CLASS	23-01
1)GE HEALTHCARE BIO-SCIENCES AB, A SWEDISH COMPANY OF BJÖRKGATAN 30, SE-75184 UPPSALA, SWEDEN	
DATE OF REGISTRATION	16/12/2015
TITLE	FILTRATION INSTRUMENT
PRIORITY NA	

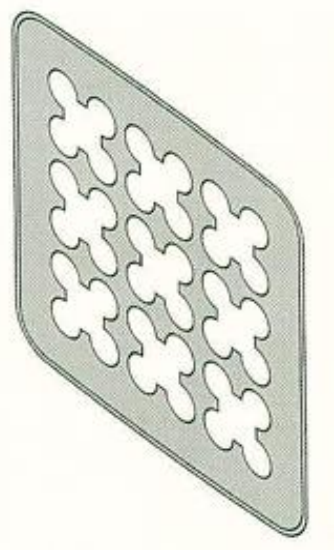


DESIGN NUMBER	271873
CLASS	07-02
1)HAWKINS COOKERS LIMITED, OF MAKER TOWER F 101, CUFFE PARADE, P.O. BOX 16083, MUMBAI-400005, MAHARASHTRA, INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	05/05/2015
TITLE	INDUCTION STOVE
PRIORITY NA	

DESIGN NUMBER	272518
CLASS	23-03
1)BORGWARNER EMISSIONS SYSTEMS SPAIN, S.L.U. (A PRIVATE LIMITED COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF SPAIN), HAVING ITS REGISTERED OFFICE AT: CARRETERA DE ZAMANES, 20, 36315 VIGO, PONTEVEDRA, SPAIN	
DATE OF REGISTRATION	03/06/2015
TITLE	HEAT EXCHANGER

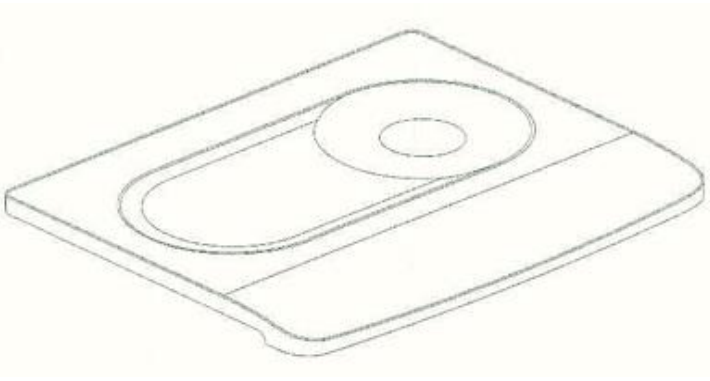
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002589986-00010	03/12/2014	OHIM



DESIGN NUMBER	275100
CLASS	07-01
1)MR. RAJESH ASRANI (INDIVIDUAL) WHOSE ADDRESS IS BUILDING NO. 8/B, FLAT NO. 132, SEVA SAMITI CO-OPERATIVE HOUSING SOCIETY LTD., MUMBAI-400037, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/09/2015
TITLE	CUP
PRIORITY NA	

DESIGN NUMBER	278033
CLASS	07-02
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742 REPUBLIC OF KOREA	
DATE OF REGISTRATION	02/12/2015
TITLE	ELECTRIC COOKING TOP
PRIORITY NA	



DESIGN NUMBER	278416
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	16/12/2015
TITLE	TEXTILE FABRIC
PRIORITY NA	

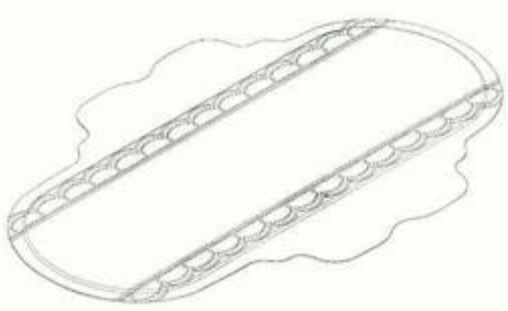
DESIGN NUMBER	277823
CLASS	07-01
1)RAVI CHAWLA 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI-110065, INDIA	
DATE OF REGISTRATION	24/11/2015
TITLE	JUG
PRIORITY NA	

DESIGN NUMBER	270878
CLASS	15-09
1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE
PRIORITY NA	

DESIGN NUMBER	271830
CLASS	24-04
1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	30/04/2015
TITLE	SANITARY NAPKIN

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/507663	30/10/2014	U.S.A.



DESIGN NUMBER	273152
CLASS	23-01
1)FISHER JEON GAS EQUIPMENT (CHENGDU) CO. LTD., A COMPANY EXISTING UNDER THE LAWS OF CHINA, AT NO. 9, WUKEDONG 2ND ROAD, WUHOU SCIENCE TECHNIC PARK, WUHOU DISTRICT CHENGDU, SICHUAN-610045, CHINA	
DATE OF REGISTRATION	26/06/2015
TITLE	PRESSURE REGULATOR VALVE
PRIORITY NA	

DESIGN NUMBER	272014
CLASS	12-16
1)ESCORTS LIMITED, OF 15/5, KM, MATHURA ROAD, FARIDABAD-121003, HARYANA, INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	08/05/2015
TITLE	PNEUMATIC BRAKE CONTROLLER
PRIORITY NA	

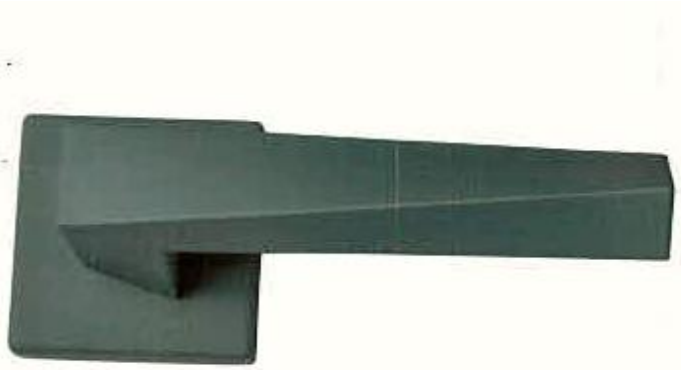
DESIGN NUMBER	272427
CLASS	31-00
1)KENWOOD LIMITED, A COMPANY EXISTING UNDER THE LAWS OF UNITED KINGDOM, 1 KENWOOD BUSINESS PARK, NEW LANE, HAVANT, HAMPSHIRE, PO9 2NH, UNITED KINGDOM	
DATE OF REGISTRATION	29/05/2015
TITLE	BLENDER BLADE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001426977	05/12/2014	OHIM

DESIGN NUMBER	273432
CLASS	06-03
1)GURMINDER SINGH, C/O. M/S. EVERSHINE TRADING CO. OF 2951, ST. NO. 7, NEW JANTA NAGAR, A.T.I. COLLEGE ROAD, LUDHIANA-141003 (PUNJAB), INDIA, INDIAN NATIONAL OF ABOVE ADDRESS	
DATE OF REGISTRATION	08/07/2015
TITLE	TABLE
PRIORITY NA	

DESIGN NUMBER	274412
CLASS	08-06
1)GODREJ & BOYCE MFG. CO. LTD. OF LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	12/08/2015
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	273645
CLASS	26-06
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	17/07/2015
TITLE	HEAD LAMP FOR MOTORCYCLE
PRIORITY NA	

DESIGN NUMBER	270893
CLASS	11-01

1)MR. JIGNESH RAMESHBHAI SHAH; AN INDIAN NATIONAL WHOSE ADDRESS IS
3RD FLOOR, PANNA MANEK BUILDING, OPP MAA ASHAPURA TEMPLE, PALACE ROAD, RAJKOT-360001, GUJARAT, INDIA

DATE OF REGISTRATION	01/04/2015
TITLE	NECKLACE AND EARRING SET

PRIORITY NA

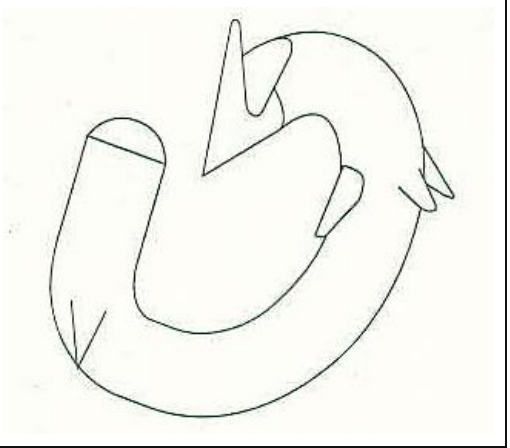
DESIGN NUMBER	272208
CLASS	24-01

1)ETHICON, INC., A CORPORATION OF THE STATE OF NEW JERSEY,
OF U.S. ROUTE 22, P.O. BOX 151 SOMERVILLE, NEW JERSEY 08876, U.S.A.

DATE OF REGISTRATION	18/05/2015
TITLE	TISSUE FASTENING DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/509,958	24/11/2014	U.S.A.



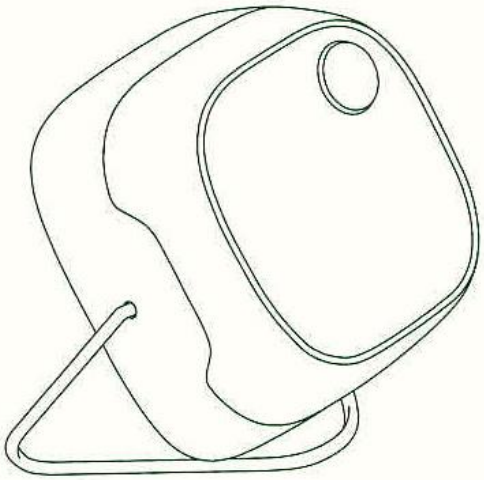
DESIGN NUMBER	272440
CLASS	26-05

1)D.LIGHT DESIGN, INC., A COMPANY OF USA OF
650 5TH STREET, SUITE 302, SAN FRANCISCO, CA 94107, USA

DATE OF REGISTRATION	01/06/2015
TITLE	CASING FOR A PORTABLE LIGHT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/512,766	22/12/2014	U.S.A.



DESIGN NUMBER	273502
CLASS	10-01
1)SHREE ROOP SHREE ART EXPORTS, KHASRA NO. 1, SHRI RAM NAGAR SANGARIA, JODHPUR-342001, RAJASTHAN, INDIA (AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE:- SH. ROHIT PARIHAR, SMT. ANITA PARIHAR, SH. CHANDRA SINGH SOLANKI, SH. JITENDRA SOLANKI & SMT. NEENA SOLANKI AN INDIAN NATIONAL OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	10/07/2015
TITLE	WALL CLOCK
PRIORITY NA	

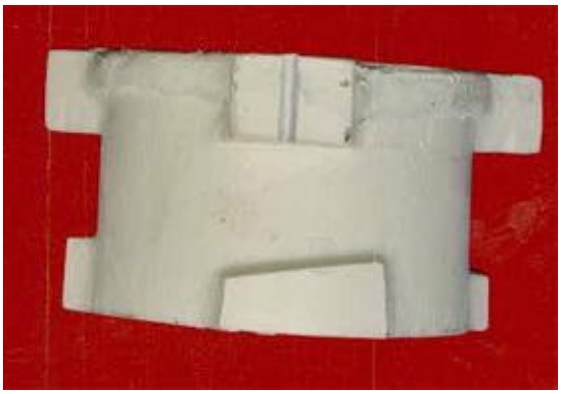
DESIGN NUMBER	273662
CLASS	12-11
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	17/07/2015
TITLE	SEAT ASSEMBLY FOR MOTORCYCLE
PRIORITY NA	

DESIGN NUMBER	278715
CLASS	09-01
1)N. RAMESH KUMAR, HAVING OFFICE AT OLD LAKSHMI THEATRE COMPLEX, NADUPALAYAM ROAD, CHITHODE, ERODE-638102, TAMIL NADU, INDIA	
DATE OF REGISTRATION	09/12/2015
TITLE	OIL JAR
PRIORITY NA	

DESIGN NUMBER	277373
CLASS	12-14
1)KINETIC GREEN ENERGY AND POWER SOLUTIONS LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT KINETIC INNOVATIONS PARK, D-1 BLOCK, PLOT NO. 18/2, MIDC, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	06/11/2015
TITLE	THREE WHEELER VEHICLE
PRIORITY NA	

DESIGN NUMBER	277971
CLASS	06-01
1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF GODREJ INTERIO, PLANT 4, PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI-400079, INDIA	
DATE OF REGISTRATION	30/11/2015
TITLE	SOFA
PRIORITY NA	

DESIGN NUMBER	270884
CLASS	15-09
1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE
PRIORITY NA	



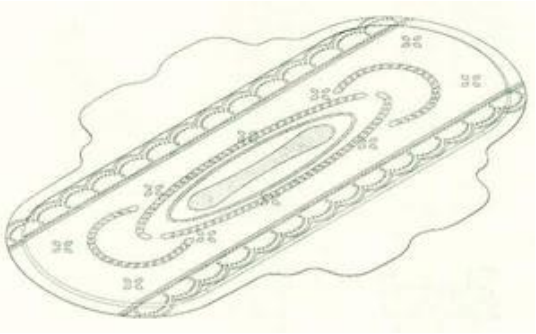
DESIGN NUMBER	271836
CLASS	24-04

1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT
ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA

DATE OF REGISTRATION	30/04/2015
TITLE	SANITARY NAPKIN

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/507663	30/10/2014	U.S.A.



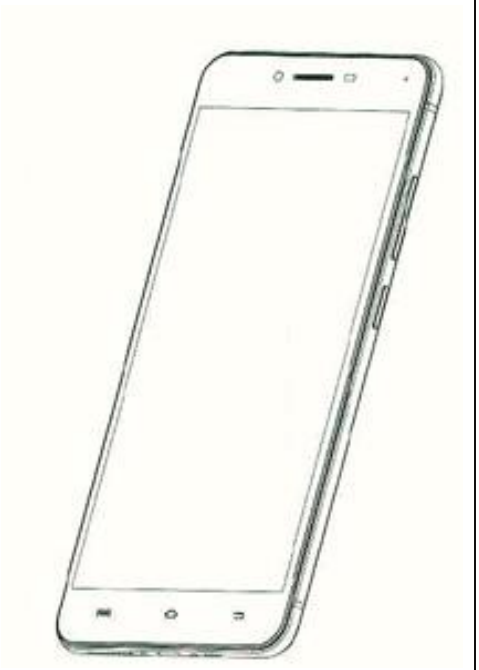
DESIGN NUMBER	278207
CLASS	14-03

1)VIVO MOBILE COMMUNICATION CO., LTD, A CHINESE COMPANY OF
#283, BBK ROAD, WUSHA, CHANG'AN, DONGGUAN, GUANGDONG, 523860, CHINA

DATE OF REGISTRATION	09/12/2015
TITLE	MOBILE PHONE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201530360402.8	17/09/2015	CHINA



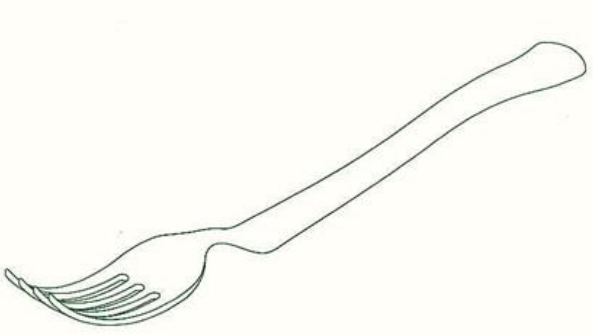
DESIGN NUMBER	272159
CLASS	07-03

1)COSMOSWAY CO., LTD.,
68 (HYOSEONG-DONG), ANAJI-RO, GYEYANG-GU, INCHEON, REPUBLIC OF KOREA, NATIONALITY: KOREA

DATE OF REGISTRATION	15/05/2015
TITLE	FORK FOR FOOD

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0015542	26/03/2015	REPUBLIC OF KOREA



DESIGN NUMBER	272051
CLASS	07-01
1)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS	
DATE OF REGISTRATION	12/05/2015
TITLE	PLATE
PRIORITY NA	

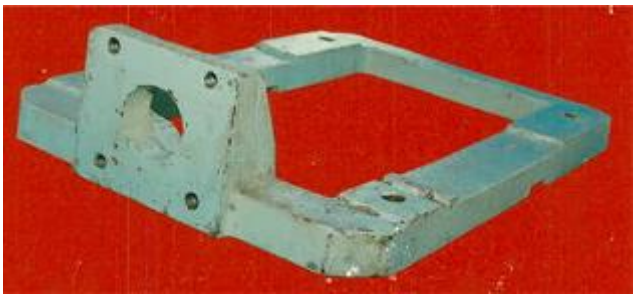
DESIGN NUMBER	272734
CLASS	24-02
1)KARL STORZ GMBH & CO. KG, A GERMAN COMPANY OF MITTELSTRASSE 8, D-78532 TUTTLINGEN, GERMANY	
DATE OF REGISTRATION	15/06/2015
TITLE	HANDPECE FOR ORTHOPADIC SHAVER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002601047-0001	18/12/2014	OHIM

DESIGN NUMBER	276190
CLASS	03-01
1)M/S. SHILPKART INDIA, H. NO. 96, BLOCK-G, MANGOLPURI, NEW DELHI-110083. AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- SH. NAVEEN KUMAR SARDA AN INDIAN NATIONAL OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	01/10/2015
TITLE	HAND BAG
PRIORITY NA	

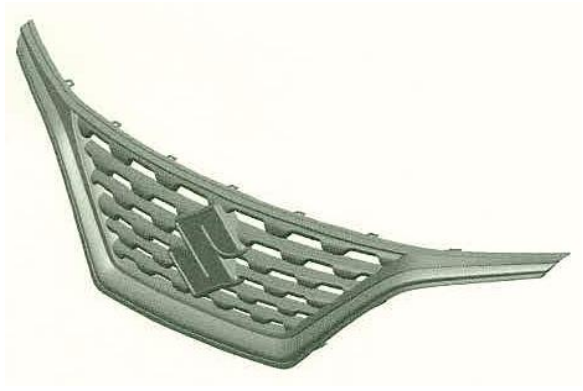
DESIGN NUMBER	270875
CLASS	15-09
1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE
PRIORITY NA	



DESIGN NUMBER	272357
CLASS	12-16
1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF 300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-PREF., JAPAN	
DATE OF REGISTRATION	26/05/2015
TITLE	GRILLE FOR AUTOMOBILES

PRIORITY

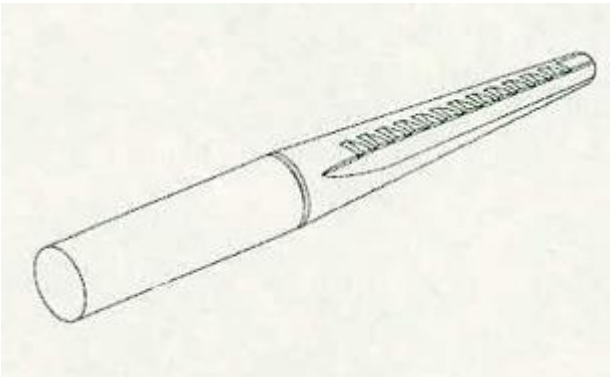
PRIORITY NUMBER	DATE	COUNTRY
2014-026527	28/11/2014	JAPAN



DESIGN NUMBER	272620
CLASS	15-03
1)DEERE & COMPANY, A US CORPORATION OF ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098 USA	
DATE OF REGISTRATION	08/06/2015
TITLE	COTTON PICKER SPINDLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/515389	22/01/2015	U.S.A.



DESIGN NUMBER	272794
CLASS	12-08
1)DAIMLER AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF MERCEDESSTRASSE 137, D-70327, STUTTGART, GERMANY	
DATE OF REGISTRATION	17/06/2015
TITLE	TRUCK CAB

PRIORITY

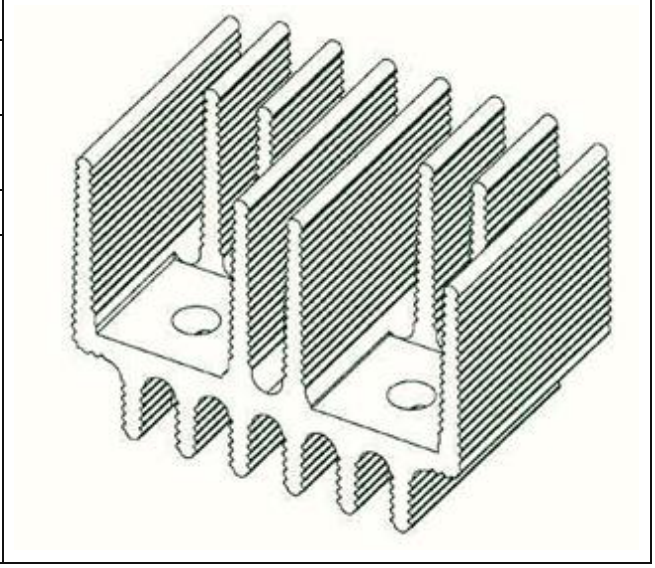
PRIORITY NUMBER	DATE	COUNTRY
002623785-0002	30/01/2015	OHIM

DESIGN NUMBER	277883
CLASS	06-13
1)DECATHLON, 4, BOULEVARD DE MONS, 59650 VILLENEUVE D'ASCQ, FRANCE, A COMPANY OF FRANCE	
DATE OF REGISTRATION	26/11/2015
TITLE	SLEEPING BAG

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002709311-0001	28/05/2015	OHIM

DESIGN NUMBER	272430
CLASS	13-03
1)ABB OY, A COMPANY OF FINLAND OF STRÖMBERGINTIE 1, FI-00380 HELSINKI, FINLAND	
DATE OF REGISTRATION	29/05/2015
TITLE	CONNECTION BAR



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002558327	01/12/2014	OHIM

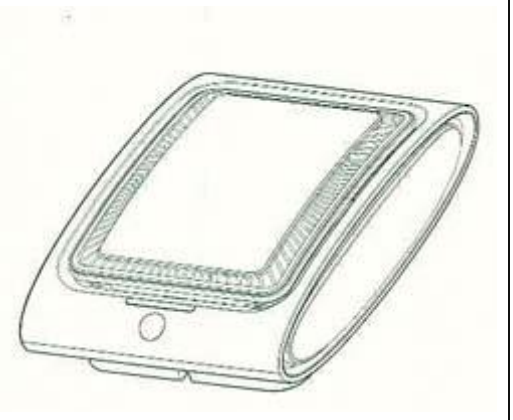
DESIGN NUMBER	273434
CLASS	12-16

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS,
RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	08/07/2015
TITLE	AUTOMOTIVE AIR PURIFIER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002621516-0001	28/01/2015	OHIM

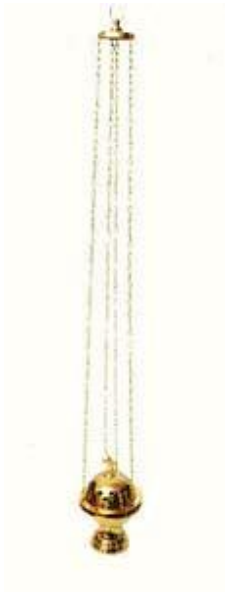


DESIGN NUMBER	278287
CLASS	11-99

1)S.S.J. EXPORTS,
MUSTEFABAD, SHAMSHI COLONY, RAMPUR ROAD, MORADABAD-244011, U.P., INDIA (AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE:- KAUSAR HUSSAIN & PARVEZ AKHTAR AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	11/12/2015
TITLE	INCENSE BURNER

PRIORITY NA



DESIGN NUMBER	272987
CLASS	23-02

1)RECKITT BENCKISER LLC, A LIMITED LIABILITY COMPANY INCORPORATED IN THE STATE OF DELAWARE, U.S.A.
OF MORRIS CORPORATE CENTER IV, 399 INTERPACE PARKWAY, PARSIPPANY, NEW JERSEY 07054, UNITED STATES OF AMERICA

DATE OF REGISTRATION	23/06/2015
TITLE	DISPENSER FOR USE IN TOILET BOWL

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002608588-0003	06/01/2015	OHIM

DESIGN NUMBER	277969
CLASS	06-01
1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF GODREJ INTERIO, PLANT 4, PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI-400079, INDIA	
DATE OF REGISTRATION	30/11/2015
TITLE	SOFA
PRIORITY NA	

DESIGN NUMBER	277821
CLASS	07-01
1)RAVI CHAWLA 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI-110065, INDIA	
DATE OF REGISTRATION	24/11/2015
TITLE	ICE BUCKET
PRIORITY NA	

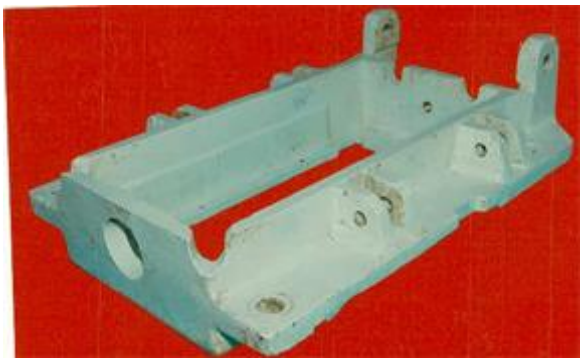
DESIGN NUMBER	270877
CLASS	15-09
1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE
PRIORITY NA	

DESIGN NUMBER	273148
CLASS	23-01
1)FISHER JEON GAS EQUIPMENT (CHENGDU) CO. LTD., A COMPANY EXISTING UNDER THE LAWS OF CHINA, AT NO. 9, WUKEDONG 2ND ROAD, WUHOU SCIENCE TECHNIC PARK, WUHOU DISTRICT CHENGDU, SICHUAN-610045, CHINA	
DATE OF REGISTRATION	26/06/2015
TITLE	PRESSURE REGULATOR VALVE
PRIORITY NA	

DESIGN NUMBER	278100
CLASS	19-06
1)ITC LIMITED, AN INDIAN COMPANY WITHIN THE MEANING OF THE COMPANIES ACT, 1956 OF VIRGINIA HOUSE, 37, J. L. NEHRU ROAD, KOLKATA - 700071, WEST BENGAL, INDIA	
DATE OF REGISTRATION	04/12/2015
TITLE	PEN
PRIORITY NA	

DESIGN NUMBER	277826
CLASS	07-01
1)RAVI CHAWLA 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI-110065, INDIA	
DATE OF REGISTRATION	24/11/2015
TITLE	SERVING DISH
PRIORITY NA	

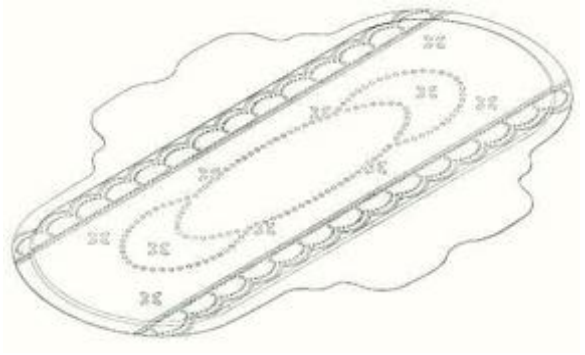
DESIGN NUMBER	270882
CLASS	15-09
1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE
PRIORITY NA	



DESIGN NUMBER	271833
CLASS	24-04
1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	30/04/2015
TITLE	SANITARY NAPKIN

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/507663	30/10/2014	U.S.A.



DESIGN NUMBER	265708
CLASS	15-03
1)KUBOTA CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OFJAPAN, OF THE ADDRESS 2-47, SHIKITSUHIGASHI 1-CHOME, NANIWA-KU, OSAKA-SHI, OSAKA, JAPAN	
DATE OF REGISTRATION	16/09/2014
TITLE	PADDY FIELD MACHINE

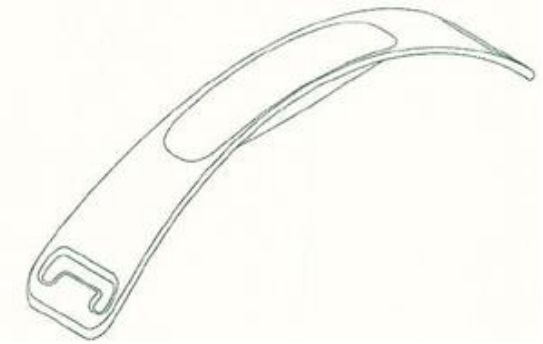
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-006903	31/03/2014	JAPAN

DESIGN NUMBER	275003
CLASS	07-02
1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT 14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.	
DATE OF REGISTRATION	28/08/2015
TITLE	DETACHABLE CONTAINER HANDLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/520,704	17/03/2015	U.S.A.



DESIGN NUMBER	267835
CLASS	14-03
1)VIVO MOBILE COMMUNICATION CO., LTD, A COMPANY INCORPORATED UNDER THE LAWS OF CHINA NATIONALITY: CHINA, ADDRESS AT #283, BBK ROAD, WUSHA, CHANG'AN, DONGGUAN CITY GUANGDONG, CHINA.	
DATE OF REGISTRATION	01/12/2014
TITLE	MOBILE PHONE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201430364261.2	28/09/2014	CHINA

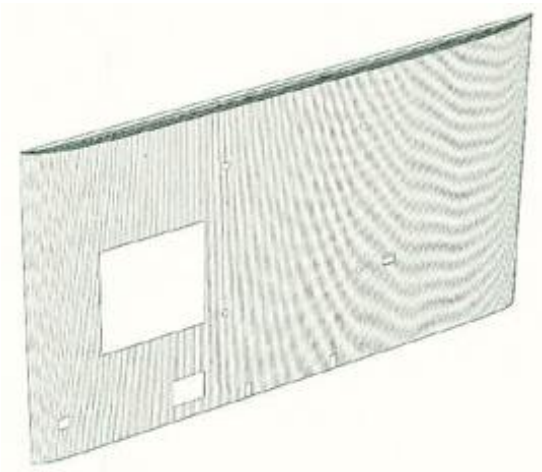
DESIGN NUMBER	277754
CLASS	12-11
1)TUBE INVESTMENTS OF INDIA LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT "DARE HOUSE", 234, N. S. C. BOSE ROAD, CHENNAI - 600001, STATE OF TAMIL NADU, INDIA	
DATE OF REGISTRATION	23/11/2015
TITLE	FRAME FOR BICYCLE
PRIORITY NA	

DESIGN NUMBER	278417
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	16/12/2015
TITLE	TEXTILE FABRIC
PRIORITY NA	

DESIGN NUMBER	273661
CLASS	12-16
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	17/07/2015
TITLE	SEAT COWL ASSEMBLY FOR MOTORCYCLE
PRIORITY NA	

DESIGN NUMBER	277361
CLASS	09-01
1)MR. GHISULAL D. RATHOD, MR. PRADEEP G. RATHOD, MR. PANKAJ G. RATHOD, MR. GAURAV P. RATHOD, MRS. SANGEETA P. RATHOD AND MRS. BABITA P. RATHOD, ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S. CELLO HOUSEHOLD PRODUCTS, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT CORPORATE AVENUE, 'B'WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063	
DATE OF REGISTRATION	06/11/2015
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	272818
CLASS	14-03
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742 REPUBLIC OF KOREA	
DATE OF REGISTRATION	17/06/2015
TITLE	TELEVISION



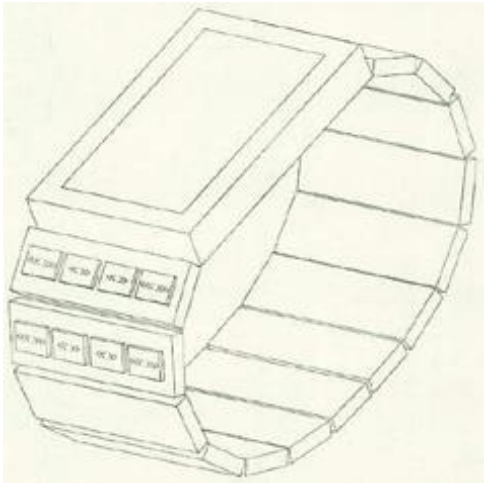
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0064545	31/12/2014	KOREA(SOUTH)

DESIGN NUMBER	274404
CLASS	08-06
1)GODREJ & BOYCE MFG. CO. LTD. OF LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	12/08/2015
TITLE	HANDLE

PRIORITY NA

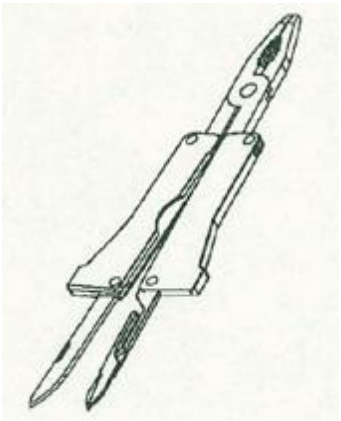
DESIGN NUMBER	268926
CLASS	10-02
1)MICHAEL W. MURPHY HAVING PLACE OF BUSINESS AT 3042, ELDRIDGE AVE, BELLINGHAM, WA 98225, US, AND NATIONALITY OF USA	
DATE OF REGISTRATION	19/01/2015
TITLE	WRIST BAND



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/496988	18/07/2014	U.S.A.

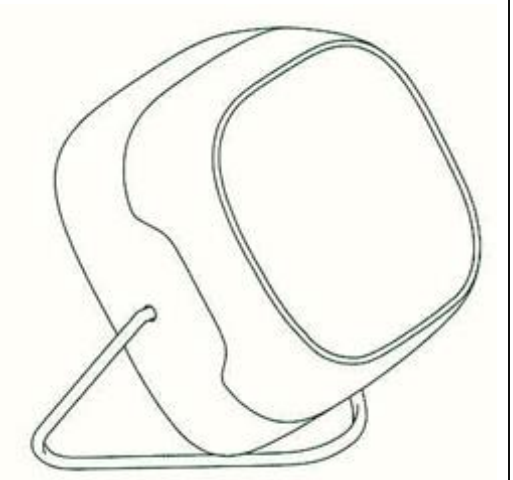
DESIGN NUMBER	272106
CLASS	08-05
1)ALEXANDER BAGUMA BARAK, AN AUSTRALIAN NATIONAL, OF THE ADDRESS 7/196, KEPPEL STREET BATHURST NSW 2795, AUSTRALIA	
DATE OF REGISTRATION	13/05/2015
TITLE	CUTTING TOOL



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
16172/2014	27/11/2014	AUSTRALIA

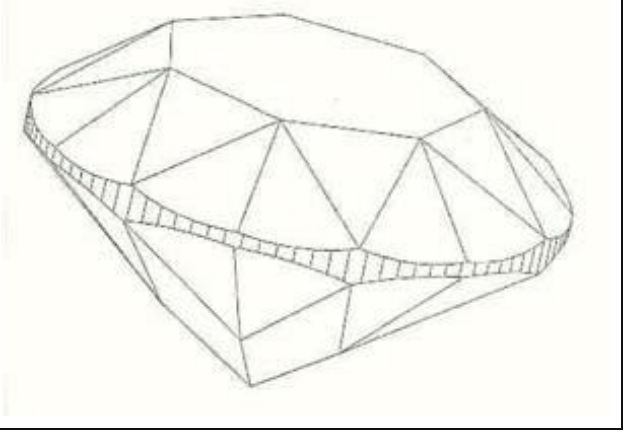
DESIGN NUMBER	272441
CLASS	26-05
1)D.LIGHT DESIGN, INC., A COMPANY OF USA OF 650 5TH STREET, SUITE 302, SAN FRANCISCO, CA 94107, USA	
DATE OF REGISTRATION	01/06/2015
TITLE	CASING FOR A PORTABLE LIGHT



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/512,766	22/12/2014	U.S.A.

DESIGN NUMBER	273516
CLASS	11-01
1)OCTONUS FINLAND OY (A PRIVATE LIMITED COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF FINLAND), HAVING ITS REGISTERED OFFICE AT: HERMIANKATU 8D 33720 TAMPERE FINLAND	
DATE OF REGISTRATION	13/07/2015
TITLE	GEMSTONE



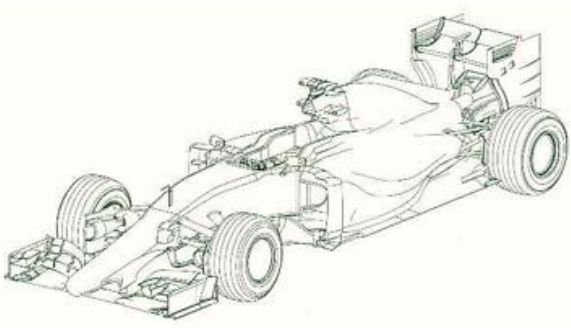
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002726059	25/06/2015	OHIM

DESIGN NUMBER	273950
CLASS	21-01
1)FERRARI S.P.A., AN ITALIAN COMPANY OF VIA EMILIA EST 1163, MODENA, ITALY	
DATE OF REGISTRATION	28/07/2015
TITLE	TOY CAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002623272	29/01/2015	OHIM



DESIGN NUMBER	271621
CLASS	31-00
1)PREETHI KITCHEN APPLIANCES PRIVATE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE PROVISIONS OF THE COMPANIES ACT, 1956, OF TECHNOPOLIS KNOWLEDGE PARK, MAHAKALI CAVES ROAD, CHAKALA, ANDHERI-EAST, MUMBAI-400093, INDIA	
DATE OF REGISTRATION	23/04/2015
TITLE	MIXER GRINDER

PRIORITY NA

DESIGN NUMBER	277973
CLASS	12-16
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	30/11/2015
TITLE	COCKPIT OF VEHICLE

PRIORITY NA

DESIGN NUMBER	272353
CLASS	12-08

1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF
300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-PREF., JAPAN

DATE OF REGISTRATION	26/05/2015
TITLE	CAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-026521	28/11/2014	JAPAN

ESIGN NUMBER	272793
CLASS	12-08

1)DAIMLER AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY,
OF MERCEDESSTRASSE 137, D-70327, STUTTGART, GERMANY

DATE OF REGISTRATION	17/06/2015
TITLE	TRUCK CAB

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002623785-0001	30/01/2015	OHIM

DESIGN NUMBER	277880
CLASS	06-01

1)V. K. GOPI, INDIAN CITIZEN, M/S. FRIENDS POLYPLAST,
KRISHNASWAMY TEMPLE ROAD, CHELAMATTOM, PERUMBAVOOR-683550, ERNAKULAM DISTRICT, KERALA STATE

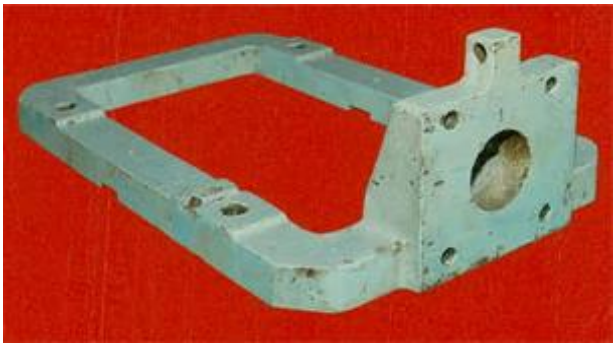
DATE OF REGISTRATION	26/11/2015
TITLE	CHAIR

PRIORITY NA

DESIGN NUMBER	273186
CLASS	08-06
1)GODREJ & BOYCE MFG. CO. LTD. OF LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	29/06/2015
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	277824
CLASS	07-01
1)RAVI CHAWLA 50-51, COMMERCIAL COMPLEX, NEW FRIENDS COLONY, NEW DELHI-110065, INDIA	
DATE OF REGISTRATION	24/11/2015
TITLE	TEA POT
PRIORITY NA	

DESIGN NUMBER	270881
CLASS	15-09
1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE
PRIORITY NA	



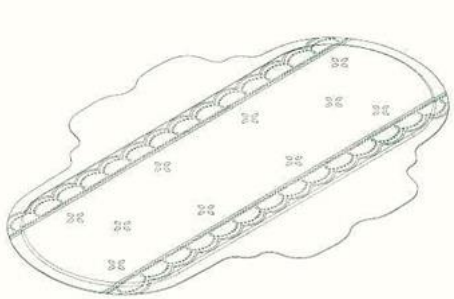
DESIGN NUMBER	271831
CLASS	24-04

1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT
ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA

DATE OF REGISTRATION	30/04/2015
TITLE	SANITARY NAPKIN

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/507663	30/10/2014	U.S.A.

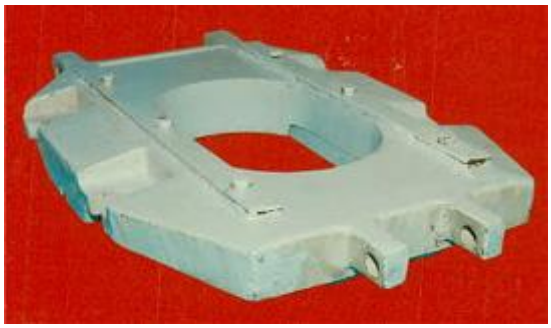


DESIGN NUMBER	270883
CLASS	15-09

1)SUSHIL SUBHASH NAHAK AN INDIAN NATIONAL WHOSE ADDRESS IS
SWAMI VIVEKANAND ARCADE, A WING, 2ND FLOOR, ROOM NO. 204, NEAR VISHAL COMPLEX, CHAKKINAKA, KALYAN (EAST)-421306 MAHARASHTRA, INDIA

DATE OF REGISTRATION	01/04/2015
TITLE	CASTING MACHINE

PRIORITY NA



DESIGN NUMBER	278205
CLASS	14-03

1)VIVO MOBILE COMMUNICATION CO., LTD, A CHINESE COMPANY OF
#283, BBK ROAD, WUSHA, CHANG'AN, DONGGUAN, GUANGDONG, 523860, CHINA

DATE OF REGISTRATION	09/12/2015
TITLE	MOBILE PHONE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201530372550.1	24/09/2015	CHINA

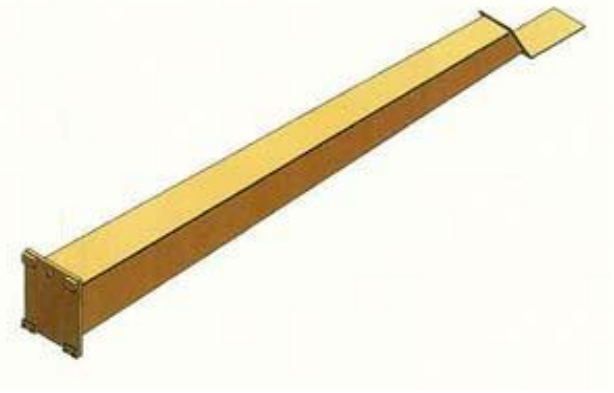
DESIGN NUMBER	273553
CLASS	07-02
1)TTK PRESTIGE LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 11TH FLOOR, BRIGADE TOWERS, 135 BRIGADE ROAD, BANGALORE-560025, STATE OF KARNATAKA, INDIA	
DATE OF REGISTRATION	14/07/2015
TITLE	COOKWARE WITH HANDLE
PRIORITY NA	

DESIGN NUMBER	270833
CLASS	12-11
1)PIAGGIO & C. S.P.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY, OF VIALE RINALDO PIAGGIO, 25-56025 PONTEDERA (PISA-ITALY)	
DATE OF REGISTRATION	01/04/2015
TITLE	ELECTRIC BICYCLE

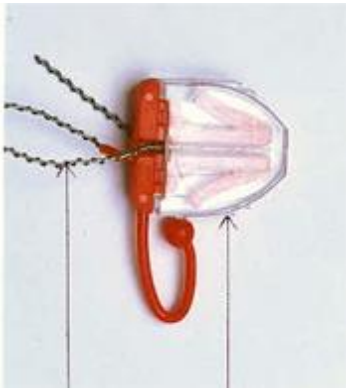
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002569418	31/10/2014	OHIM

DESIGN NUMBER	278297
CLASS	12-16
1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA 141421	
DATE OF REGISTRATION	11/12/2015
TITLE	FURNACE STOCKING OF CRANE
PRIORITY NA	



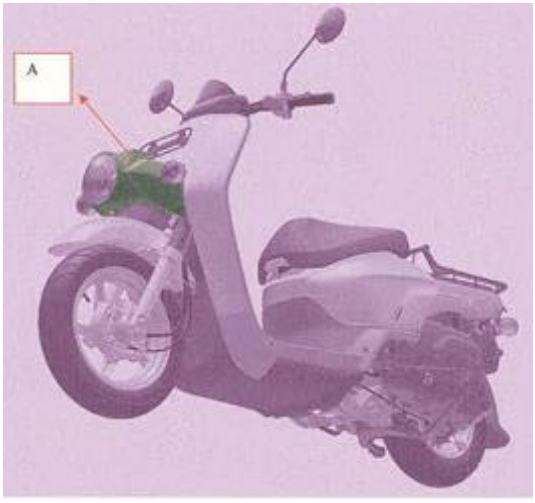
DESIGN NUMBER	274132
CLASS	08-07
1)MANTHAN DINESH PATEL WHOSE ADDRESS IS 11, MANGLAM SOCIETY, JINTAN ROAD, DIST: SURENDRANAGAR, GUJARAT, MAHARASHTRA, INDIA, INDIAN NATIONAL	
DATE OF REGISTRATION	03/08/2015
TITLE	SEAL
PRIORITY NA	



DESIGN NUMBER	270827
CLASS	12-11
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556, JAPAN	
DATE OF REGISTRATION	01/04/2015
TITLE	MOTOR SCOOTER

PRIORITY

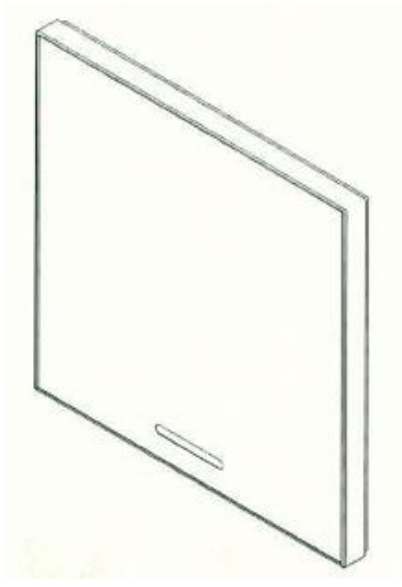
PRIORITY NUMBER	DATE	COUNTRY
2014-021862	01/10/2014	JAPAN



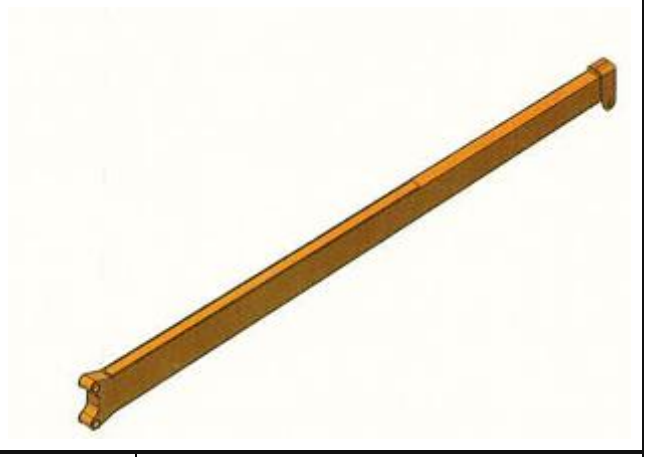
DESIGN NUMBER	270922
CLASS	14-03
1)DAIKIN INDUSTRIES LTD. A JAPANESE COMPANY OF THE ADDRESS: UMEDA CENTER BUILDING, 4-12 NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, OSAKA-FU, JAPAN	
DATE OF REGISTRATION	01/04/2015
TITLE	REMOTE CONTROLLER FOR AIR CONDITIONER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-025132	11/11/2014	JAPAN



DESIGN NUMBER	278296
CLASS	12-16
1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA 141421	
DATE OF REGISTRATION	11/12/2015
TITLE	FLYJIB OF CRANE
PRIORITY NA	



DESIGN NUMBER	277412
CLASS	14-99
1)ESS ESS KAY ENGG. CO. (P) LTD., FACTORY AREA, KAPURTHALA-144601 (PB.) INDIA (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956) OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	09/11/2015
TITLE	MOBILE STAND
PRIORITY NA	

DESIGN NUMBER	272306
CLASS	21-01
1)LEGO A/S, OF AAASTVEJ 1, 7190 BILLUND, DENMARK	
DATE OF REGISTRATION	25/05/2015
TITLE	TOY

PRIORITY

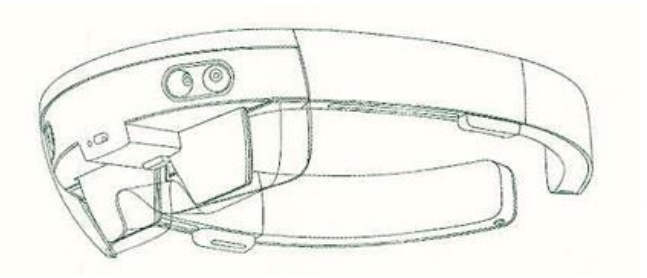
PRIORITY NUMBER	DATE	COUNTRY
DM/084982	25/11/2014	WIPO

DESIGN NUMBER	273518
CLASS	09-01
1)NUTRICHEM DIÄT + PHARMA GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF AM ESPAN 1-3, 91154 ROTH, GERMANY	
DATE OF REGISTRATION	13/07/2015
TITLE	BOTTLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002614214	15/01/2015	OHIM

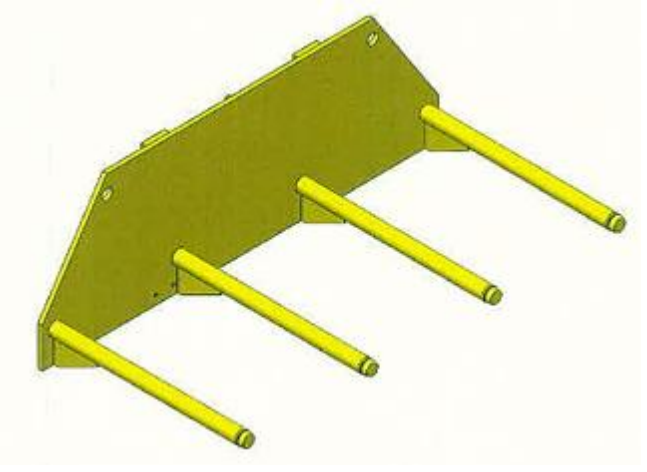
DESIGN NUMBER	273705
CLASS	14-02
1)MICROSOFT CORPORATION, (A CORPORATION OF THE STATE OF WASHINGTON) OF ONE MICROSOFT WAY, REDMOND, WA 98052, U.S.A., AMERICAN COMPANY	
DATE OF REGISTRATION	20/07/2015
TITLE	HEADSET WITH TRANSPARENT VISOR



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/515,167	20/01/2015	U.S.A.

DESIGN NUMBER	278293
CLASS	12-16
1)R.N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA-141421	
DATE OF REGISTRATION	11/12/2015
TITLE	DRUM HANDLING ATTACHEMET OF CRANE
PRIORITY NA	



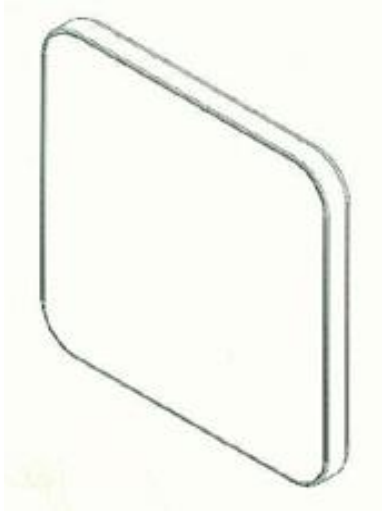
DESIGN NUMBER	277976
CLASS	09-03
1)CARGILL INDIA PRIVATE LIMITED, AN INDIAN COMPANY, OF 111 RECTANGLE-I, SAKET DISTRICT CENTRE, NEW DELHI 110017, INDIA	
DATE OF REGISTRATION	30/11/2015
TITLE	CONTAINER
PRIORITY NA	

DESIGN NUMBER	273525
CLASS	15-03
1)KULVINDER SINGH, C/O. M/S. PRECISION CULTIVATION AIDS PVT. LTD. OF 25, PINK PARK, BAREWAL ROAD, NEAR MAGNET RESORTS, LUDHIANA-141012 (PUNJAB), INDIA, INDIAN NATIONAL OF ABOVE ADDRESS	
DATE OF REGISTRATION	13/07/2015
TITLE	TRIPOD FOR LASER LAND LEVELLER
PRIORITY NA	

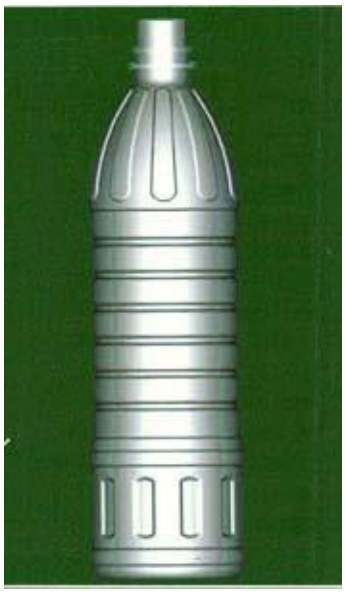
DESIGN NUMBER	270921
CLASS	14-03
1)DAIKIN INDUSTRIES LTD. A JAPANESE COMPANY OF THE ADDRESS: UMEDA CENTER BUILDING, 4-12 NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, OSAKA-FU, JAPAN	
DATE OF REGISTRATION	01/04/2015
TITLE	REMOTE CONTROLLER FOR AIR CONDITIONER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-025144	11/11/2014	JAPAN



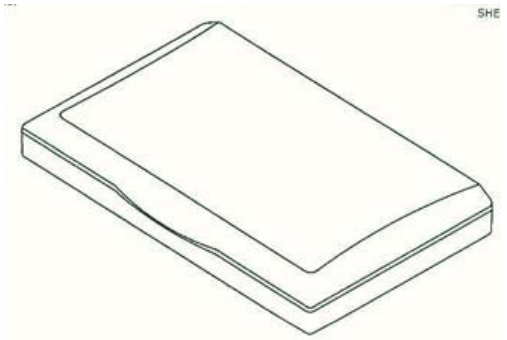
DESIGN NUMBER	273317
CLASS	09-01
1)SHRI SURESHKUMAR MOHANLAL PANSURIA, AN INDIAN NATIONAL AND SOLE PROPRIETOR OF RAJMANDIR COLDDRINKS HAVING ITS PLACE OF BUSINESS AT 8-PRAHLAD PLOT CORNER, OPP. VARDHMAN NAGAR PALACE ROAD, RAJKOT-360001 GUJARAT (INDIA)	
DATE OF REGISTRATION	02/07/2015
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	277408
CLASS	19-02
1)SHACHIHATA, INC., A JAPANESE COMPANY OF NO. 69, 4-CHOME, AMAZUKA-CHO, NISHI-KU, NAGOYA-SHI, AICHI, JAPAN	
DATE OF REGISTRATION	09/11/2015
TITLE	STAMP PAD

PRIORITY

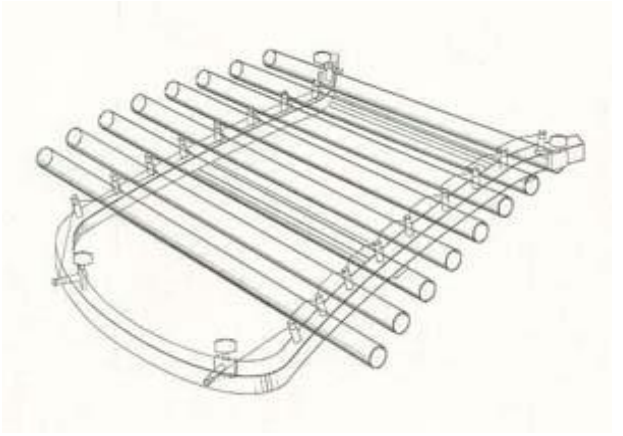
PRIORITY NUMBER	DATE	COUNTRY
2015-010705	15/05/2015	JAPAN



DESIGN NUMBER	277979
CLASS	09-03
1)RANE TRW STEERING SYSTEMS LIMITED, (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) REPRESENTED BY ITS SR. VICE PRESIDENT - PD, MR. D.S. JANARDHANAN, AN INDIAN NATIONAL, HAVING ADDRESS AT 45, 1ST FLOOR, T.T.K. ROAD, ALWARPET, CHENNAI-600018, TAMIL NADU, INDIA	
DATE OF REGISTRATION	30/11/2015
TITLE	CONTAINER
PRIORITY NA	

DESIGN NUMBER	272803
CLASS	09-07
1)MONIL NALIN CHHEDA, AN INDIAN INHABITANT RESIDING IN INDIA HAVING MY ADDRESS AT 201, OSWAL APPARTMENTS, P.K. EXTENSION ROAD, MULUND (W), MUMBAI-400080, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	17/06/2015
TITLE	BOTTLE CAP
PRIORITY NA	

DESIGN NUMBER	273343
CLASS	17-04
1)GAUDRY NORMAND, A CANADIAN CITIZEN, OF 430, RANG 11, BONSECOURS, QUEBEC, CANADA J0E 1H0	
DATE OF REGISTRATION	03/07/2015
TITLE	PERCUSSION INSTRUMENT
PRIORITY NA	

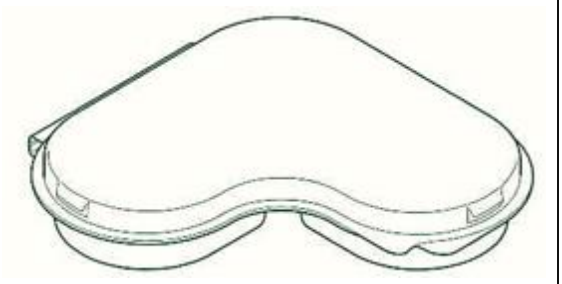


DESIGN NUMBER	277893
CLASS	23-01
1)WHIRLPOOL OF INDIA LIMITED, AN INDIAN COMPANY HAVING ITS CORPORATE OFFICE AT 'WHIRLPOOL HOUSE', PLOT NO. 40, SECTOR-44, GURGAON-122002, HARYANA, INDIA	
DATE OF REGISTRATION	27/11/2015
TITLE	WATER PURIFIER
PRIORITY NA	

DESIGN NUMBER	272941
CLASS	09-05
1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITISH COMPANY OF 103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, UNITED KINGDOM	
DATE OF REGISTRATION	22/06/2015
TITLE	BLISTER PACKAGE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002605402-0001	23/12/2014	OHIM



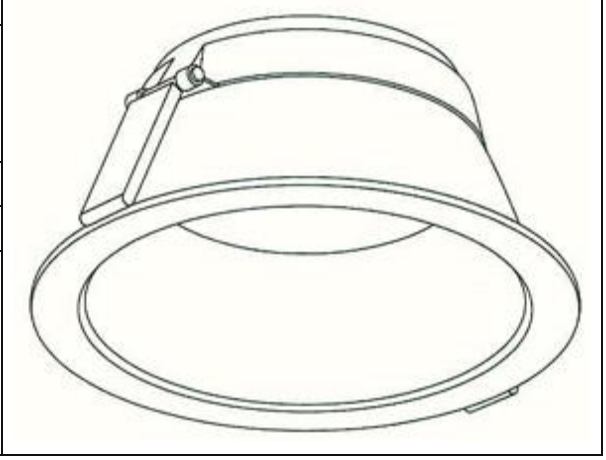
DESIGN NUMBER	278168
CLASS	09-01
1)KALPESH K. PATEL, AN INDIAN NATIONAL SOLE PROPRIETOR OF M/S. GLOBAL INDUSTRIES AN INDIAN PROPRIETORSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT: SURVEY NO. 184/13 (64), PANCHAL UDYOG NAGAR, VILLAGE: BHIMPORE, NANI DAMAN, DIST. DAMAN, INDIA	
DATE OF REGISTRATION	08/12/2015
TITLE	CABINET FOR WATER FILTER

PRIORITY NA

DESIGN NUMBER	272508
CLASS	26-05
1)THORN LIGHTING LIMITED, A LIMITED COMPANY OF BUTCHERS RACE, GREEN LANE INDUSTRIAL ESTATE, SPENNYMOOR, DURHAM DL16 6HL, GREEN BRITAIN; NATIONALITY: BRITISH	
DATE OF REGISTRATION	03/06/2015
TITLE	DOWNLIGHT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002590596	04/12/2014	OHIM



DESIGN NUMBER	272676
CLASS	14-03

1)SAMSUNG ELECTRONICS CO., LTD.
129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	10/06/2015
TITLE	MOBILE PHONE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0064597	31/12/2014	REPUBLIC OF KOREA

DESIGN NUMBER	270834
CLASS	12-11

1)PIAGGIO & C. S.P.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY, OF
VIALE RINALDO PIAGGIO, 25-56025 PONTEDERA (PISA-ITALY)

DATE OF REGISTRATION	01/04/2015
TITLE	ELECTRIC BICYCLE

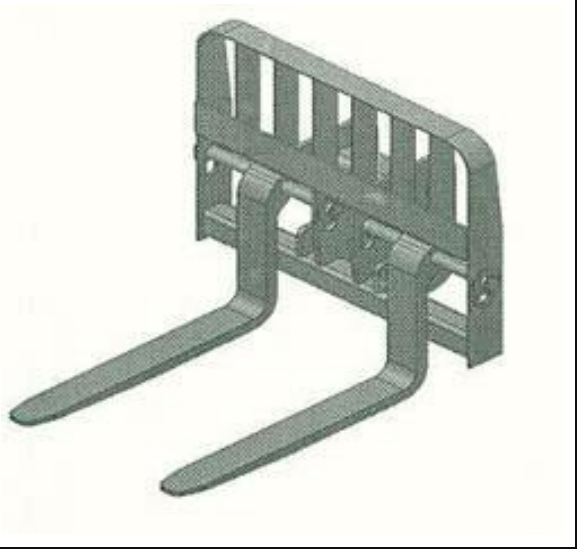
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002569418	31/10/2014	OHIM

DESIGN NUMBER	278298
CLASS	12-16

1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT
UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA 141421

DATE OF REGISTRATION	11/12/2015
TITLE	FORK OF CRANE



PRIORITY NA

DESIGN NUMBER	277449
CLASS	19-06
1)CELLO STATIONERY PRODUCTS (P) LTD. CORPORATE AVENUE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	10/11/2015
TITLE	PEN
PRIORITY NA	

DESIGN NUMBER	278024
CLASS	14-02
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU; SUWON-SI, GYEONGGI-DO 16677, REPUBLIC OF KOREA	
DATE OF REGISTRATION	02/12/2015
TITLE	TONER CARTRIDGE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0046953	15/09/2015	REPUBLIC OF KOREA

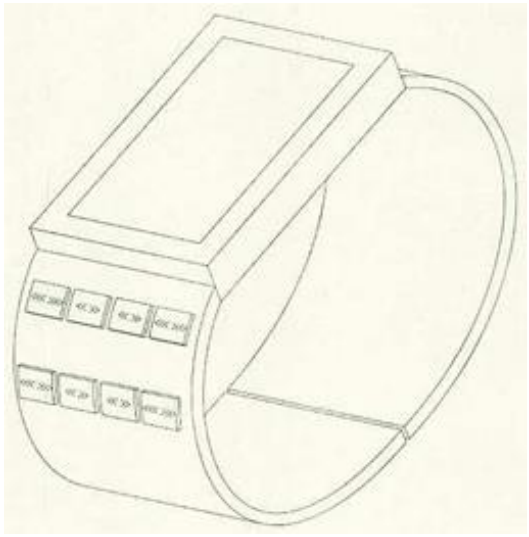
DESIGN NUMBER	273635
CLASS	12-16
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	17/07/2015
TITLE	CONTROL SWITCH FOR MOTORCYCLE
PRIORITY NA	

DESIGN NUMBER	266939
CLASS	12-11
1)OM KALSI INDUSTRY OF H. NO. 10317, ST. NO. 2, JANTA NAGAR, BHAGWAN CHOWK, LUDHIANA-141003 (PUNJAB), INDIA, AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS S. TEJINDER SINGH, INDIAN NATIONAL OF ABOVE ADDRESS	
DATE OF REGISTRATION	28/10/2014
TITLE	TAPER NUT FOR HANDLES OF CYCLE
PRIORITY NA	

DESIGN NUMBER	268927
CLASS	10-02
1)MICHAEL W. MURPHY HAVING PLACE OF BUSINESS AT 3042, ELDRIDGE AVE, BELLINGHAM, WA 98225, US, AND NATIONALITY OF USA	
DATE OF REGISTRATION	19/01/2015
TITLE	WRIST BAND

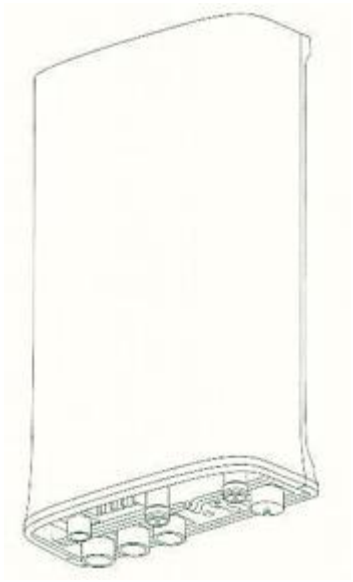
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/496989	18/07/2014	U.S.A.



DESIGN NUMBER	264810
CLASS	12-13
1)J.C.B.L. LIMITED OF 75, 1ST FLOOR, INDUSTRIAL AREA, PHASE-1, CHANDIGARH, INDIA, AN INDIAN LIMITED COMPANY WHOSE DIRECTOR IS RISHI AGGARWAL, INDIAN OF ABOVE ADDRESS	
DATE OF REGISTRATION	18/08/2014
TITLE	STOPPER FOR BLOCKING ROADS
PRIORITY NA	

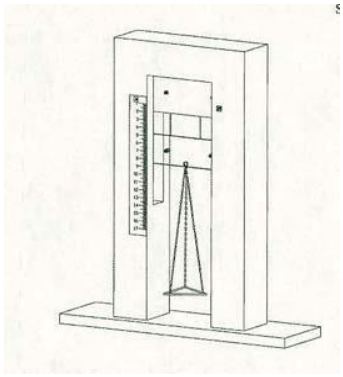
DESIGN NUMBER	277757
CLASS	14-03
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742 REPUBLIC OF KOREA	
DATE OF REGISTRATION	23/11/2015
TITLE	WIRELESS REPEATER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0040905	13/08/2015	KOREA(SOUTH)

DESIGN NUMBER	273372
CLASS	10-04
1)DR. SANDEEP B. PATIL (INDIA), RESEARCH SCHOLAR OF C/O SANTOSH B. HONMORE, DHANYAKUMAR D CHOUGULE, CHANDRAKANT S MAGDUM, AND NILOFAR S NAIKWADE OF APPASAHEB BIRNALE COLLEGE OF PHARMACY, SOUTH SHIVAJI NAGAR SANGLI MIRAJ ROAD, DIST-SANGLI-416416 (M.S.) INDIA.	
DATE OF REGISTRATION	06/07/2015
TITLE	TENSILE STRENGTH MEASURING APPARATUS
PRIORITY NA	



DESIGN NUMBER	273639
CLASS	12-16
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	17/07/2015
TITLE	SIDE COVER FOR MOTORCYCLE
PRIORITY NA	

DESIGN NUMBER	277922
CLASS	06-09
1)DECATHLON, 4, BOULEVARD DE MONS, 59650 VILLENEUVE D'ASCQ, FRANCE, A COMPANY OF FRANCE	
DATE OF REGISTRATION	27/11/2015
TITLE	CAMPING MATTRESS

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002710996-0001	01/06/2015	OHIM