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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.

(Chaitanya Prasad)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

18th JANUARY,2013

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COPYRIGHT PUBLICATION	: 1940
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REGISTRATION OF DESIGNS	: 1943 - 1993

**THE PATENT OFFICE
KOLKATA, 18/01/2013**

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	<p>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</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in</p>	4	<p>The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in</p> <p>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</p>
2	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in</p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</p>	5	<p>The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</p> <p>❖ Rest of India</p>
3	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075</p> <p>Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 & 2808 1940 E.mail: delhi-patent@nic.in</p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh.</p>		

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 18/01/2013
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 हैं :-

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

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

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

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

SPECIAL NOTICE

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

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

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.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Chaitanya Prasad)

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 no third party representation.

**WITHDRAWAL OF APPLICATION UNDER SECTION 11B(4)(I) OF THE PATENTS
ACT (RULE 26)
(KOLKATA)**

1. APPLICATION NUMBER 2191/KOLNP/2007 BY SYMPHOGEN A/S, DENMARK WITH EFFECT FROM 25/02/2011.
2. APPLICATION NUMBER 2533/KOLNP/2008 BY GLAXOSMITHKLINE BIOLOGICALS S.A., BELGIUM WITH EFFECT FROM 31/03/2011.
3. APPLICATION NUMBER 2732/KOLNP/2005 BY WYETH, U.S.A. WITH EFFECT FROM 12/04/2011.
4. APPLICATION NUMBER 2926/KOLNP/2006 BY WYETH, U.S.A. WITH EFFECT FROM 08/06/2011.
5. APPLICATION NUMBER 1481/KOLNP/2006 BY WYETH HOLDINGS CORPORATION, U.S.A. WITH EFFECT FROM 14/07/2011.
6. APPLICATION NUMBER 3719/KOLNP/2006 BY WYETH, U.S.A. WITH EFFECT FROM 28/09/2010.
7. APPLICATION NUMBER 1299/KOLNP/2007 BY EISAI R&D MANAGEMENT CO., LTD., JAPAN WITH EFFECT FROM 31/01/2011.
8. APPLICATION NUMBER 1367/KOLNP/2006 BY COLEY PHARMACEUTICAL GMBH, GERMANY AND COLEY PHARMACEUTICAL GROUP, INC., AMERICA WITH EFFECT FROM 31/01/2011.
9. APPLICATION NUMBER 1820/KOLNP/2006 BY WYETH, U.S.A. WITH EFFECT FROM 24.10.2011.
10. APPLICATION NUMBER 3541/KOLNP/2008 BY GENETICS INSTITUTE, LLC, U.S.A. WITH EFFECT FROM 19/12/2011.
11. APPLICATION NUMBER 1727/KOLNP/2006 BY WYETH, U.S.A. WITH EFFECT FROM 05/01/2012.
12. APPLICATION NUMBER 864/kolnp/2005 BY WYETH, U.S.A. WITH EFFECT FROM 16/05/2012.
13. APPLICATION NUMBER 1008/KOLNP/2005 BY HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., U.S.A. WITH EFFECT FROM 21/08/2012.
14. APPLICATION NUMBER 715/KOLNP/2008 BY WYETH, U.S.A. WITH EFFECT FROM 31/12/2012.

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.2801/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :10/09/2012

(43) Publication Date : 18/01/2013

(54) Title of the invention : MOBILE HOLDER

(51) International classification	:A47G	(71) Name of Applicant : 1)AMIT KUMAR GOLA Address of Applicant :A-119/3, CEMENT WALI GALI, NEAR ANMOL DHARAM KANTA, SWARN PARK, RAJDHANI METRO STN, NEW DELHI - 110041. India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

MOBILE HOLDER - is my own and first invention in consideration of its requirement in our day to day routine life to give proper support and safety to mobile while they are on charging. Its convenient to install and because of its small dimension it takes very less space.

No. of Pages : 4 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/04/2012

(21) Application No.2914/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : Air Freshener in Cisterns

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

(71)Name of Applicant :

1)HSIL Limited

Address of Applicant :Unit No. 301-302 3rd Floor Park
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(72)Name of Inventor :

1)Prachi Garg

(57) Abstract :
to be follow

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/09/2012

(21) Application No.2990/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A DEVICE FOR UNDERSTANDING OF PERIODIC TABLE BASIC CONCEPTS OF ATOMIC STRUCTURE AND THEORIES PERTAINING THERETO A DEVICE FOR UNDERSTANDING OF PERIODIC TABLE BASIC CONCEPTS OF ATOMIC STRUCTURE AND THEORIES PERTAINING THERETO

(51) International classification	:G09B 1/12	(71) Name of Applicant : 1)RAMANPREET SINGH JANDU Address of Applicant :S/o JAGJIT SINGH JANDU H.No. 2641 St. No. 1 Kishan Nagar Nabha Gate Patiala Punjab Pin-147001 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)RAMANPREET SINGH JANDU
(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 :

The present invention relates to a device for understanding of Periodic Table and the basic concepts of the atomic structure. More particularly the device of the present invention is developed for better understanding of the various theories associated with the structure of atom. The device consists of concentric circular disks rotatable about their centre wherein the size of the bottom disk is greater than the top disk. Each disk is marked so as to form sub blocks and each disk in itself represents a period of the Periodic Table as well as an orbital while understanding structure of atom. The disks are marked so as to be divided into sub blocks and each sub block is labelled with a specific element. The last disk of the device is labelled at back side as well.

No. of Pages : 33 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/10/2012

(21) Application No.3315/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A BIOMETRIC AUTHENTICATION SCHEME FOR DETECTION OF IMPERSONATION IN COMPETITIVE EXAMINATIONS

(51) International classification	:G11B23/00	(71) Name of Applicant : 1)MOHAMMAD SAROSH UMAR Address of Applicant :DEPARTMENT OF COMPUTER ENGINEERING, ALIGARH MUSLIM UNIVERSITY, ALIGARH-202002, U.P., INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MOHAMMAD SAROSH UMAR
(87) International Publication No	: NA	2)DR. S. MAHDI ABAAS RIZVI
(61) Patent of Addition to Application Number	:NA	3)NITISH VARSHNEY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The competitive examinations held for admission to educational courses or selection in various organizations for employment have become very tough in recent times as the number of applicants is very large in comparison to the number of seats available. The candidates often employ unscrupulous methods such as impersonation to secure admission to educational courses or obtain job positions. The cases of impersonation are on the rise in various competitive exams held all over the world. This menace has caused selection of ineligible, incorrigible and often under qualified candidates in professional courses as well as responsible job positions. The present invention relates to a system for performing user authentication in any competitive entrance examination, test and in other such situations using biometric verification system that comprises biometric data acquisition, biometric identity checks and biometric smart identity card creation to detect and prevent selection of candidates using unfair means such as impersonation.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/10/2012

(21) Application No.3316/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : POLYMER CONCRETE BASED ON RESIN OBTAINED FROM RECYCLED PET BOTTLES

(51) International classification	:C04B 16/02	(71) Name of Applicant : 1)FAREED MAHDI Address of Applicant :DEPARTMENT OF CIVIL ENGINEERING, ALIGARH MUSLIM UNIVERSITY, ALIGARH-202002, UP, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)FAREED MAHDI 2)HUSSAIN ABBAS 3)ASIF ALI KHAN 4)MOHAMMAD SAROSH UMAR
(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 :

Polymer concrete is a cogent method for utilizing potentially dangerous waste material obtained from Municipal Solid Waste (MSW). MSW gives rise to non-biodegradable product in the form of plastic which is often a cause of environmental catastrophe in the urban regions as well as rural areas. Polymer concrete is a high performance composite material consisting of polymer resin as a binding material and a well graded inorganic aggregates. It has a high degree of strength and durability, hardens rapidly and can be effectively used in various structural pre-cast applications such as drains for acid waste, underground vaults and junction boxes, sewer pipes, power line transmission poles, bridges etc. In the present invention, polymers concrete is produced using recycled polyethylene terephthalate (PET) obtained from waste soft drink and water bottles. Recycled PET plastic waste is chemically modified to produce a low cost unsaturated polyester resin as compared to the cost of virgin polyester resin. Hence the cost of Polymer Concrete based on recycled polyester resin is greatly reduced. The large-scale use of recycled PET, will not only help in conserving the ecological balance, and solve some of the solid waste problems and save energy, but also it will open up opportunities for the chemical industry for producing unsaturated polyester resin based on PET. The use of resin based on recycled PET has cost effective applications for the masses and especially for the construction industry as lighter members and less curing time reduces the cost of construction. The Polymer Concrete produced using the present invention has high compressive and tensile strengths, is durable and has good thermal resistance.

No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2012

(21) Application No.3673/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR MONITORING FETAL HEALTH MOVEMENTS PERCEIVED BY A PREGNANT WOMAN

(51) International classification	:H04B17/00
(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)MADHUBALA RADHAKRISHNAN

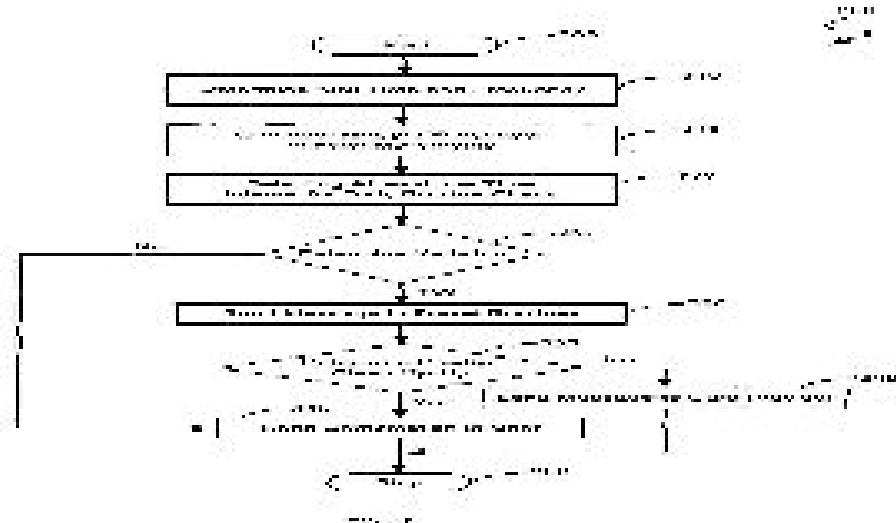
Address of Applicant :M5, GF, GK 1, NEW DELHI, INDIA

(72)Name of Inventor :

1)MADHUBALA RADHAKRISHNAN

(57) Abstract :

A real time method for monitoring fetal health movements perceived by a pregnant woman, includes the steps of determining a kick time and a frequency of a plurality of fetal movements of a fetus, storing a fetal kick and a time interval of the fetal kick in one or more databases, generating multiple sequences based on the kick time and the frequency of the fetal movements of the fetus, determining multiple active hours of the fetal movements of the fetus, selecting one or more time intervals for daily routine check of the kick time of the fetus, and evaluating one or more predetermined regular sequences with one or more generated current sequences from the fetus. FIGURE 3



No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/02/2012

(21) Application No.377/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A High Speed Sealing Method for Making Film or Laminated Packs or Pouches on Single or Multi Track Machines

(51) International classification	:H03G
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)CHATURVEDI Ashok

Address of Applicant :110 First Floor Bhanot Corner
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(72)**Name of Inventor :**

1)CHATURVEDI Ashok

(57) Abstract :

attached

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2012

(21) Application No.3818/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A CITIZEN'S SMART SECURITY AND EMERGENCY AID SYSTEM AND METHOD OF OPERATING THEREOF

(51) International classification	:H04L5/00	(71) Name of Applicant : 1)HARSHVARDHEN KUMAR SINGH Address of Applicant :NARAYAN ASHRAM, VILLAGE AJITPUR, POST MENDU, HATHRAS JUNCTION, DISTT. HATHRAS, UTTAR PRADESH, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)HARSHVARDHEN KUMAR SINGH 2)JOSE KAMAL MORAES 3)SANJAI CHHAUNKER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

This invention relates to a system which enables a citizen to seek security help of police when citizen is a victim of a crime/riot/terrorist attack or an emergency aid of jan seva kendras or other agencies when he/she is in a medical emergency or is a victim of a fire incident or of a natural calamity, by selectively pressing/clicking of one of at least two user configured customized buttons/touch sensitive keys provided on citizens mobile communication device such as mobile phone, iPad, iPhone, etc. The system comprises of mobile communication device (165) provided with at least two user configured customized buttons/touch sensitive keys (141, 142), computer hardware servers (155), an interface box (160) hardware attached in a network and respective customized application softwares. This system integrates with infrastructure of police/ jan seva kendras (103) /other agencies enabling providing of emergency aid/recovery plan to the victim. The system enables a citizen to seek police/emergency aid while moving in vehicles etc. The system enables keeping of text/audio/video/images record including location of such emergency events and generates a case summary of the emergency situation upon closing of the case after recovery.

No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2012

(21) Application No.3877/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NON INVASIVE BLOOD GLUCOSE METER BASED ON MOUDULATED ULTRASOUND & OPTICAL TECHNIQUE.

(51) International classification	:G03B 42/06	(71) Name of Applicant : 1)DR. NEERAJ SHARMA Address of Applicant :SCHOOL OF BIOMEDICAL ENGINEERING IIT (BHU), VARANASI, UTTAR PRADESH. PIN-221005. India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)DR. NEERAJ SHARMA 2)DR.SHIRU SHARMA 3)MD KOUSHIK CHOWDHURY 4)ANUJ SRIVASTAVA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A truly new technique for non invasive glucose measurement is the need of hour. Precise in vivo blood glucose level monitoring skill would be precious for robust management of diabetes in all age group of patients. None of the existing principles offer enough accuracy to replace finger prick technology. Our method utilizes modulated ultrasound & optical technique (light of wavelength in the range of visible to infrared band). Amplitude modulated ultrasonic waves are used to excite the finger, as a result different constituent molecules vibrates at their specific response frequency depending upon their weight, shape & size, these specific vibrations are detected using light, the output response signal is in the form of modulated light signal, that carries information about the concentration of different constituent molecules. This modulated light response signal is collected using photo-sensor, and suitably processed using signal processing algorithm to extract the information of blood glucose level.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.74/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INDUCED CHARGE PLASMA BASED SEMI-CONDUCTOR DEVICE

(51) International classification	:H03F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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, DELHI
Address of Applicant :HAUZ KHAS, NEW DELHI-110016
India

(72)Name of Inventor :

1)KUMAR JAGADESH MAMIDALA
2)NADDA KANIKA

(57) Abstract :

The present invention relates to a lateral bipolar semiconductor-on-insulator (SOI) transistor. The transistor comprises a monocrystalline undoped semiconducting layer deposited over an insulating layer, an emitter region is formed by depositing a first conducting layer having a first work function on a first end region of said undoped semiconducting layer, a collector region is formed by depositing a second conducting layer having a second work function on a second end region of said undoped semiconducting layer, and a base region is formed by depositing a third conducting layer having a third work function on a middle region of said undoped semiconducting layer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1544/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A NOVEL ANTI-INFLAMMATORY AND ANTI-ARTHRITIC HERBAL FORMULATION

(51) International classification	:A61K36/00	(71) Name of Applicant : 1)DR.SHIVPRAKASH R Address of Applicant :204, CIRCLE-P BUILDING, S.G.HIGHWAY, AHMEDABAD 380 054, GUJARAT, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)DR.KARISHMA SHAH
Filing Date	:NA	
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR.SHIVPRAKASH R
Filing Date	:NA	2)DR.KARISHMA SHAH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel anti-inflammatory and anti-arthritis herbal formulation which is highly effective and safe treatment for arthritis and other acute or chronic inflammatory conditions of the joints which potentially works by reducing the pain significantly and alleviating the disease condition by maintaining the healthy joint. The present herbal formulation for arthritis mainly comprises of Vegetable Glucosamine, Boswellia serrata Extract and Terminalia chebula Extract The present anti-inflammatory and anti-arthritis herbal formulation can be orally administered in form of tablet or capsule.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2012

(21) Application No.1659/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMPROVEMENT IN HEAT DISSIPATION OF CAPACITORS IN POWER ELECTRONICS.

(51) International classification	:H01G4/00	(71) Name of Applicant : 1)ALCON ELECTRONICS PVT LTD. Address of Applicant :34-B, MIDC INDUSTRIAL ESTATE SATPUR NASHIK-422007 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SACHDEV ANUPRATTAN ROMESHCHAND
(87) International Publication No	:N/A	2)SACHDEV SIDDHARTH ANUPRATTAN
(61) Patent of Addition to Application Number	:NA	3)JAGTAP MILIND VIJAY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a capacitor comprising of a capacitor , capacitor elements with terminal regions , an insulating sleeve to electronically isolate said capacitor housing in the radial direction and a laminated disc and an aluminium disc attached to the bottom of said laminated disc; said aluminium disc having a height such that air gap between the metal plate on which said capacitor is mounted and said laminated disc is minimized to isolate said capacitor housing in the axial direction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/01/2012

(21) Application No.109/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A LIQUID SAVING FLOW CONTROL DEVICE.

(51) International classification	:H04L12/56
(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	:N/A
(61) Patent of Addition to Application Number	:
Filed on	:01/01/1900
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RASHINGKAR LAXMIKANT VISHNUPANT

Address of Applicant :D-12, ASHIRWAD APARTMENTS,
S.NO. 9, KOTHRUD, PUNE 411 038, MAHARASHTRA,
INDIA

(72)Name of Inventor :

1)RASHINGKAR LAXMIKANT VISHNUPANT

(57) Abstract :

A liquid saving flow control device fitted between a supply source and dispensing means, said device comprises: a housing divided by a partition wall into a front chamber and a rear chamber, an ingress means for connection to supply source and an egress means for connection to dispensing means; a floating element disposed inside said rear chamber; said partition wall provided with a main connection and a pilot passage; and a valve adapted to be positioned selectively in an inoperative and two operative configurations, wherein in inoperative configuration, said valve allows passage of liquid from rear chamber to front chamber, and in first operating configuration, it vents air locked in the upper portion of rear chamber to discharges it and in second operative configuration, it blocks egress means and connects pilot passage to main connection for equalizing pressure between front and rear chambers and allowing the floating element to float up in rear chamber.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2012

(21) Application No.1392/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SOY MILK POWDER AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:A23C11/10	(71) Name of Applicant : 1)GOPAL SHARMA Address of Applicant :G 2/239,GULMOHAR COLONY BHOPAL-462039, MADHYA PRADESH,INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)GOPAL SHARMA
Filing Date	:NA	
(87) 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 describes a soy milk powder and a process for preparation thereof. The soy milk powder is prepared from whole soybean and does not have a beany taste, cause flatulence or contain residual hexane content from fractionated dissolved organic carbon. The process involves dehulling whole soybean; soaking dehulled beans in alkaline solution to inactivate lipoxygenase enzymes, reduce oligosaccharides and improve protein recovery; airless grinding of soaked beans to obtain slurry; heating slurry to destroy trypsin inhibitor and to inactivate Lipoxygenase; Centrifugally separating the aqueous extract from said slurry; de-odorizing the aqueous extract under vacuum to improve flavour and taste profile; homogenizing the aqueous extract with two stage homogenizer; obtaining further concentration of the aqueous extract by use of a falling film evaporator; spray drying of aqueous extract to obtain soy milk powder; using a fluidized bed to get improved solubility of obtained soy milk powder.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/01/2012

(21) Application No.124/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VIBRATORY FLUID BED DRYER FOR DRYING FERMENTED LEAVES.

(51) International classification	:F26B17/10	(71) Name of Applicant : 1)KILBURN ENGINEERING LIMITED Address of Applicant :PLOT NO.6, MIDC INDUSTRIAL AREA, SARAVALI, KALYAN BHIWANDI ROAD, THANE-421 311, 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	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a vibratory fluid bed dryer (1) for drying fermented tea leaves comprising a hot and cold air blower (2) and a dryer assembly (3); said hot and cold air blower (2) being attached to said dryer assembly (3) through a mixing chamber (4). Hot air from the blower (2) is mixed with cold air from the cold air blower (5) at the mixing chamber (4). According to a particular embodiment of the invention the dryer assembly (3) comprises a plenum chamber (6), connected to said hot and cold air blower (2), a drying chamber (7) disposed above said plenum chamber (6), a perforated sheet (8) separating said plenum chamber (6) and said drying chamber (7), a feed distributor (9) provided to said drying chamber (7), a vibrating mechanism (10) attached to said perforated sheet (8), two rotating mixers (11) disposed inside said drying chamber (7), at least a pair of exhaust ducts (12) provided to said drying chamber (7), at least two sets of six axial flow cyclones (16), a cyclone blower (13) and a discharge chute (14) for collecting the dried tea leaves. The cyclone blower (13) is connected to the cyclone system (15).

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/01/2012

(21) Application No.149/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CONTROLLED RELEASE OF THERAPEUTIC AGENTS USING DRUG IMPREGNATED POLYMER FILM

(51) International classification

:C08J5/18C08L101/12

(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

:n/a

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DHOLAKIYA BHARATKUMAR ZAVERBHAI

Address of Applicant :APPLIED CHEMISTRY
DEPARTMENT, SARDAR VALLABHBHAI NATIONAL
INSTITUTE OF
TECHNOLOGY,(SVNIT),ICHCHHANATH,SURAT 395 007
GUJARAT INDIA.

2)CHOUBISA BHUSHAN

3)LAKDAWALA MAHENDRA MOHANLAL

(72)Name of Inventor :

1)DHOLAKIYA BHARATKUMAR ZAVERBHAI

2)CHOUBISA BHUSHAN

3)LAKDAWALA MAHENDRA MOHANLAL

(57) Abstract :

The present invention relates to three layered drug impregnated polymer film. More particularly, the present invention relates to three layered drug impregnated poly(D,L-Lactic) acid polymer film process for the preparation thereof. The said drug impregnated poly(D,L-Lactic)acid polymer film helps in the controlled release of therapeutic agents.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/11/2012

(21) Application No.3272/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IRON DOCK.

(51) International classification	:D06F79/02	(71) Name of Applicant : 1)MR. NEERAJ MITTAL Address of Applicant :C/O AMIT KULKARNI, FLAT NO. 1, CHITALE SMRITI, 1161/2 SHIVAJI NAGAR, PUNE 411005, 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	
(87) 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 iron dock is disclosed that is removably coupled with an ironing board. The iron dock includes a panel defined to receive and position the iron on a pair of pads. The panel defines space for positioning an iron and includes pads to rest the iron. The iron dock also includes a pair of clamps and a flexible cord. The cord and clamps combiningly securely hold the iron in the dock. The cord has a first resting position and a second holding position. The iron dock can hold various sizes of irons because of the flexible nature of the cord and the pads allow to position hot iron in the dock.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2012

(21) Application No.3601/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HYDRAULIC OIL MONITORING FOR AN OFF-ROAD VEHICLE

(51) International classification	:F15B21/04	(71) Name of Applicant : 1)KPIT CUMMINS INFOSYSTEMS LIMITED Address of Applicant :35 & 36 RAJIV GANDHI INFOTECH PARK, PHASE 1, MIDC, HINJEWADI, PUNE - 411057, 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	
(87) 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 control module to monitor hydraulic oil degradation in the off-road vehicles is disclosed herein. It estimates the hydraulic oil degradation based on hydraulic system dynamics and compares the estimated degradation with a threshold value thereby generating an oil-change indicator. Oil degradation is determined by monitoring various oil properties like oil density, oil viscosity, bulk modulus etc. A fault detection mechanism is implemented to compare the difference between calculated and actual values with threshold values. The oil degradation is monitored either online or offline.

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.2419/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MODIFICATION IN DESIGN AND MECHANISM OF CONNECTING ROD AND CRANK SHAFT OF AN IC ENGINE

(51) International classification	:F16C3/04,F02B75/32	(71) Name of Applicant : 1)SNEH SAMEER Address of Applicant :402, 404, CRESCENT TOWER, OFF NEW LINK ROAD, ANDHERI (W), MUMBAI - 400053 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SNEH SAMEER
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modified design of current Crank-shafts and the Connecting Rod, of any Internal combustion engine. This design will not only increase the rotational output per stroke of the engine, but also thereby decrease the fuel consumption per rotation of the engine. This method works in all engines regardless of the type of fuel used. Also the mechanism designed in the engine will find its application in all devices/machines where reciprocating motion is converted into rotational motion using crank rocker (or slider) mechanism.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/08/2012

(21) Application No.2363/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN APPARATUS FOR CONDUCTING EX-VIVO STUDIES ON TISSUES

(51) International classification	:C12M3/00	(71) Name of Applicant : 1)DR. TEKADE AVINASH RAMRAO Address of Applicant :A1-803,GANGA OSIAN MEADOWS, OPP. KUNAL RESIDENCY, PAWAR NAGAR, THERGAON, CHINCHWAD, PUNE-411033, 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	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an apparatus for conducting ex- vivo studies on tissues. Particularly, the present invention provides an in- vitro continuous dissolution-absorption system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2012

(21) Application No.3665/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SINGLE LINE FEEDING SYSTEM WITH TWIN AUTO REGULATOR

(51) International classification	:D01B1/04	(71) Name of Applicant : 1)M/S BAJAJ STEEL INDUSTRIES LTD. Address of Applicant :IMAMBADA ROAD, NAGPUR. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)BAJAJ SUNIL HARGOVIND.
Filing Date	:NA	
(87) 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 :

Single Line Feeding System with Twin Auto Regulator for conveying raw cotton to ginning machines evenly and efficiently to a series of ginning machines.

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2012

(21) Application No.3589/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR INDICATING INFORMATION CORRESPONDING TO A VEHICLE

(51) International classification	:B60Q1/26	(71) Name of Applicant : 1)Nandan Reddy Veera Bramheswara Swaroopa MUTTUMULA Address of Applicant :D-204 Bhakti Vihar App Bekrai Nagar Fursungi Pune -412308 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	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)Nandan Reddy Veera Bramheswara Swaroopa MUTTUMULA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (100) for indicating information corresponding to a vehicle includes at least one indication assembly (104) and a processing system (102). The indication assembly (104) includes an array of light emitting diodes. The processing system (102) is configured to receive input from one or more units (106-118) of the vehicle determine whether a change in status of the indication assembly (104) is required determine whether changing the status of the indication assembly (104) is possible and provide instruction to change the illumination status of parts of the array of light emitting diodes if changing the status of the indication assembly (104) is possible.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2012

(21) Application No.3615/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN EFFICIENT INTRAVENOUS ADMINISTRATION FOR THE TREATMENT OF BACTERIAL INFECTION.

(51) International classification	:A61K31/00	(71) Name of Applicant : 1)LINCOLN PHARMACEUTICALS LIMITED Address of Applicant :LINCOLN PHARMACEUTICALS LIMITED B/H. SATYAM COMPLEX, LINCOLN HOUSE, SCIENCE CITY ROAD, SOLA, AHMEDABAD - 380062, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PATEL, RAJNIKANT GULABDAS
Filing Date	:NA	2)GHOSH, SANTANU
(62) Divisional to Application Number	:NA	3)MUKHOPADHYAY, PRADIP
Filing Date	:NA	4)DUTTA, SUBHADEEP

(57) Abstract :

This invention is based on an injectable formulation which comprises Ofloxacin along with two or more active ingredients along with some pharmaceutically acceptable excipients for the treatment of infections caused due to both gram positive and gram negative bacteria.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2012

(21) Application No.3698/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DISSOLVE 100% PURE OXYGEN GAS IN TO WATER FOR INJENCTION IP WHICH BASE OF INFUSION SALINE AND DONATED BLOOD.

(51) International classification	:A61K9/08, C01B5/00	(71) Name of Applicant : 1)SANGRAM MOHAN VELHAL Address of Applicant :R. S. NO. 995/2A, MOHAITE PARK, KOLHAPUR Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)SANGRAM MOHAN VELHAL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Dissolve 100% pure Oxygen gas into Water For Injenctiou which Base of Mission Saline Solution. And also dissolve 100% pure Oxygen gas into transfusion blood.(Donated Blood). A) All Infussion Saline Solution (which given to patient by intraveinous) Base / made from Water for Injection IP. Water for Injection P manufacturing time it is boiled / steril / vapourise that time dissolve Oxygen free from Water for Injection IP. But in our invention this Boiled Water for Injection IP cooled down. Then dissolve 100% pure Oxygen gas into Water for Injection IP. This process continuous for 1 to 2 hours. This Water for Injection IP contains maximum Oxygen. Then this Water for Injection IP use for making Infussion Saline Solution. B) We also dissolve 100% pure Oxygen gas into transfusion blood (Donated Blood). Before transfusion blood to patient we dissolve 100% pure Oxygen gas into donated blood for 20 to 30 minutes. This process before 1 hourto transfusion blood needed to patient. ADVANTAGES / USES: This oxygenated Infussion Saline Solution and oxygenated blood injucted to patient, this dissolve Oxygen absorb (mix) into blood, hemoglobin and cells. So the patient recover fastly, speedily from disease, injuuries, coma, accident and major operations etc.

No. of Pages : 6 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.3924/CHE/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : RAMLING WEEDING MACHINES

(51) International classification

:A01B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

Removing grass grown under cultivation by adopting this newly invented weeding machines. Less number of labourers are required when compared to old instruments like KHURPI and YEDI etc. 10 to 15 labourers work could be done by using a single machine by utilising 1 to 3 labourers under normal conditions of grass in the operable field. This invented new Technology reduce cost of weeding, takes less period with better efficiency and more coverage of area.

No. of Pages : 19 No. of Claims : 1

(71)Name of Applicant :

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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.1936/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 18/01/2013

(54) Title of the invention : NOVEL MEMBRANE FILTERS FOR WASTE WATER TREATMENT AND METHOD OF MAKING SUCH FILTERS

(51) International classification	:C07D	(71) Name of Applicant : 1)THE ENERGY AND RESOURCES INSTITUTE (TERI) Address of Applicant :DARBARI SETH BLOCK, IHC COMPLEX, LODI ROAD, NEW DELHI 110003 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)D.R MALINI BALAKRISHNAN
(87) International Publication No	:NA	2)DR. VIDYA BATRA
(61) Patent of Addition to Application Number	:NA	3)PRAHLAD K TEWARI
Filing Date	:NA	4)RAVI KARAN SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention in general focuses on providing a method/process of preparation for an inorganic membrane based filter from biomass waste materials such as flyash from bagasse and rice husk. The present invention also provides for a simple, cost effective membrane filtration process based on the combination of pore size and applied pressure to achieve a high degree of solid-liquid separation and thus help to serve as an effective and reliant technique for the treatment of wastewater.

No. of Pages : 20 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1937/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A NOVEL ESTERASE AND A PROCESS FOR PREPARATION THEREOF.

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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- 5)RAJENDRAN RAMESH**
- 6)RAMACHANDRA BOOPATHY NAIDU**
- 7)MARICHETTI KUPPUSWAMY GOWTHAMAN**
- 8)CHELLAN ROSE**
- 9)NUMBI RAMUDU KAMINI**

(57) Abstract :

A novel esterase exhibiting broad substrate specificity towards short-chain and long-chain p-nitrophenyl esters and triglycerides as well as stability in the presence of oxidants as well as surfactants is provided. Further, the esterase has the potentiality to degrade three or more aliphatic polymers and co-polymers belonging to various groups. The esterase is prepared from a strain of Cryptococcus sp., designated as MTCC 5455, using solid state fermentation technique, wherein the production medium is prepared using locally available oil cakes without the need for specific nitrogen or carbon source. The esterase finds potential application in detergent industry and a remarkable potential in managing plastic waste.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.1946/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : POLYPHENOL ENRICHED ANTIOXIDANT PRODUCT WITH STRONG ANTIMUTAGENIC AND FREE RADICAL SCAVENGING ACTIVITIES DERIVED FROM FRUIT PERICARP OF TRAPA BISPINOSA.

(51) International classification	:G08B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)AMITY UNIVERSITY

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(72)**Name of Inventor :**

1)DHAN PRAKASH

2)CHARU GUPTA

3)HARSHA KHARKWAL

(57) Abstract :

The present invention relates to the polyphenol enriched antioxidant product derived from fruit pericarp of Trapa bispinosa (Water chestnut, Singhara) an agro-waste with strong antioxidant potency with specific combination of polyphenols suitable for use as nutraceuticals, functional foods, designer or medical foods. The antioxidant with antimutagenic and free radical scavenging activities including super oxides, reactive oxygen species (ROS) prevent deterioration of various oxidisable materials, such as foods, cosmetics, pharmaceuticals, plastics and powerful agent to protect DNA damage caused by free radicals.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.1947/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A NOVEL ANTIBACTERIAL COMPOSITION.

(51) International classification	:C07D	(71) Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)HARISH CHANDRA GOEL 2)INDU RAWAT 3)DHARA SHARMA
Filing Date	:NA	
(87) 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 provides a novel antibacterial composition comprising a bacteriocin isolated from Lactobacillus rhamnosus and combined with MTC (menthol, thymol and camphor) solution. This composition has more ability as compared with the Nisin which is standard bacteriocin to inhibit the growth of E.coli, an opportunistic pathogen. The novel antibacterial composition can be used as effective food preservative and therapeutic agent in case of gastrointestinal disturbances.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.1949/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A MACHINE FOR WASHING VESSEL

(51) International classification	:H01K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)AHMAD, JAJANGIR

(57) Abstract :

The present invention provides a machine for washing vessels the machine comprising of, a) a structural assembly; and b) a casing capable of enclosing the structural assembly; wherein the structural assembly comprises of: i. at-least one circular ring; ii. three rods; iii. multiple circular plates; and iv. a valve having a nozzle; wherein the three rods and circular ring constitute a frame for the structural assembly, and the three rods each have an opening or aperture such that the at-least one circular ring can be fitted in the opening or aperture, and the multiple circular plates are connected to the three rods and have diameter more than that of the circular ring, and a vessel to be washed is capable of being fixed to a ring using a clip, and the valve is capable of releasing and spraying a cleaning liquid through the nozzle in a manner which enables the interaction of the cleaning liquid and a vessel to be washed.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1933/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A SYSTEM TO CAPTURE OPERATOR EFFCIENCY ON REAL TIME BASIS ON A STATION OF PALLETIZED POWER AND FREE CONVEYOR

(51) International classification	:G01V	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MARUTI SUZUKI INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :1, NELSON MANDELA ROAD,
(33) Name of priority country	:NA	VASANT KUNJ, NEW DELHI-110070, INDIA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VARUN AGGARWAL
(87) International Publication No	:NA	2)MADAN BANSODE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a system to capture operator efficiency on a station of power and free conveyor comprising of RFID tag, data in which is read by RFID reader which is connected to a graphic operator terminal provided in connection with a computer through PLC.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.1951/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A□TIGENIC PEPTIDE MARKERS EXPRESSED DURING ENDOMETRIOSIS□

(51) International classification	:A01J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name□of priority country	:NA
(86) International Ap□lication No	:NA
Filing Date	:NA
(87) 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)DEPARTMENT OF BIOTECHNOLOGY

(72)**Name of Inventor :**

1)Rahul K Gajbhiye

2)Vrinda Khole

(57) Abstract :

The present invention relates to antigenic peptide markers selected from a group comprising peptides of Sequence ID No. 1 to 11, either alone or in any combination, that are capable of binding to anti-endometrial antibodies in a biological sample. The antigenic peptide markers are peptides of Tropomyosin 3, Stomatin like protein 2 and Tropomodulin 3. The invention also provides a non-invasive method for the in vitro detection of anti-endometrial antibodies and a kit for use in the detection of anti-endometrial

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.1952/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMPROVED GEL ELECTROPHORESIS APPARATUS AND ITS METHOD OF USE THEREOF

(51) International classification	:G09F3/02
(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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3)Sharma Sunil Kumar

(72)Name of Inventor :

1)Kaur Tanzeer

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3)Sharma Sunil Kumar

(57) Abstract :

The present invention discloses an improved gel electrophoresis apparatus having an electrophoretic assembly with a power supply unit in which samples run in the gel, a UV transilluminator to view the status of running sample and a gel documentation system which records the separated molecules in the gel continuously, all combined together in one single apparatus. Also the present invention discloses the use of a scanner which has adjustable height to bring it close to the bands for the best view instead of a fixed focal length camera. The said scanner is connected to a computer for providing online monitoring facility through software. Further the apparatus of the present invention also discloses a method of gel casting and a method of buffer loading and recycling of the same for repeated use thereby saving time of preparing the fresh buffer every time .

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.1953/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A MEMBRANE-MEDIATED FILTRATION SYSTEM AIMED AT ACHIEVING SUGARCANE JUICE CLARIFICATION AND THE METHOD OF WORKING FOR SAME

(51) International classification	:G09F3/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)THE ENERGY AND RESOURCES INSTITUTE (TERI)

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(72)**Name of Inventor :**

1)DR. MALINI BALAKRISHNAN

2)DR. VIDYA BATRA

3)MR. PRAHLAD K TEWARI

(57) Abstract :

The invention generally relates to the field of membrane mediated separation processes and is in particular directed towards the developing of a membrane filtration process based on the combination of pore size and pressure to achieve a high degree of purification and ultra pure separation, for clarification of sugarcane juice. The invention further also deals with the membrane filtration process as an effective tool for industrial utilization as well as biomolecular separation and purification.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.1963/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A TAMPER PROOF SECURITY CLOSURE DEVICE

(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

(57) Abstract :

A tamper proof security closure device A tamper proof security closure device for bottles and bottle like containers comprising a body, a neck (5) with opening mouth (22) and engagement assembly on its outer surface wherein security closure device (1) comprises an outer cylindrical shell (11) consisting of a cylindrical outer top (31) and a cylindrical sleeve (41) connected together with a breakable connecting line (3); and an inner top (21). The inner surface of said cylindrical sleeve (41) comprises tongue assemblies (401) and gliding ball sets (403) for locking the device on the neck (5) of the container. The number of tongue assemblies (401) and gliding ball set (403) are preferably four in number.

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

(71)Name of Applicant :

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(72)Name of Inventor :

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(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1940/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A PROCESS FOR THE SCAFFOLD PREPARATION BY PRE-COAGULATION EVAPORATION (PCE) METHOD

(51) International classification	:A01J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

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(72)Name of Inventor :

1)GUPTA, BHUVANESH

2)PATRA, SHAMAYITA

3)RAY, ALOK

(57) Abstract :

The present invention provide a method of preparing porous tubular scaffold for blood vessel regeneration, the method comprising steps of preparation of polymer solution dispersed with 0 - 10% of non-solvent, dip coating of partially phase separated polymer solution on the required shaped negative mould, solvent and non-solvent are evaporated within 10s - 2min depending on the boiling point of the solvent and non-solvent and scaffolds are detached and washed in distilled water for 10 min wherein the non-solvent assisted phase inversion or the coagulation method by introducing non-solvent into the polymer solution before transforming the polymer solution into a desired polymeric three dimensional structure is achieved by a simple dip coating method.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.1957/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PLASTIC INNER CONTAINER OF SOLAR WATER HEATER

(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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2)JIANG ZHIXIANG

3)YAO KEGUANG

4)GONG, YAOGUANG

(57) Abstract :

The utility model provides a plastic inner container of a solar water heater. The plastic inner container comprises a plastic barrel body and two plastic sealing heads, wherein the plastic barrel body and two plastic sealing heads are integrally formed; the sealing heads are in smooth transition with the barrel body; the end faces of the two sealing heads are circular arc surfaces which are approximately planar; the barrel body is provided with wavelike reinforcing ribs; two big planes and two small planes are symmetrically arranged on the two sides of the barrel body respectively; and both sides of the two big planes are provided with reinforcing grooves respectively. The plastic inner container has the advantages of high corrosion resistance, steadiness, safety and reliability of use, long life and environmental friendliness. Fig. 4

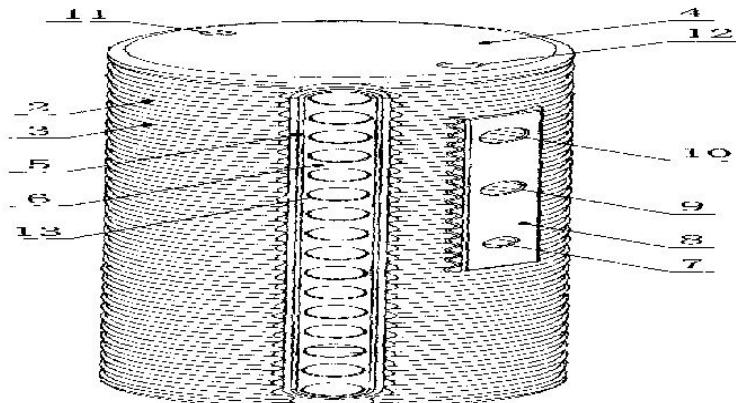


Figure 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/07/2011

(21) Application No.1967/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN INTERMEDIATE OF CEFOPERAZONE SODIUM

(51) International classification	:A01J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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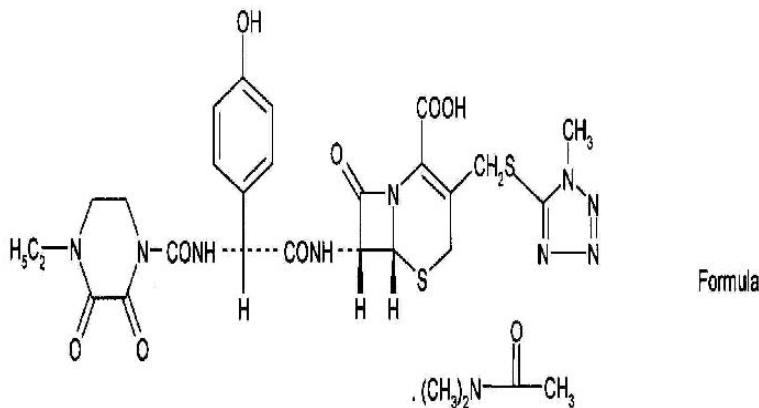
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(72)Name of Inventor :

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- 2)MANEPALLI RAMESH
- 3)GUNDEKARI RAVINDER
- 4)PARISE YEDUKONDALU
- 5)REDDY MALE PRASANNA
- 6)ADAPA AKKIREDDY

(57) Abstract :

The present application relates to process for the preparation of N,N-dimethylacetamide adduct of (6R,7R)-7-[(R)-2-(4-ethyl-2,3-dioxo-1-piperazinecarboxamido)-2-(p-hydroxyphenyl)-acetamido]-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid (i.e. N,N-dimethylacetamide adduct of cefoperazone acid) represented by the Formula I, which is an intermediate employed for the preparation of cefoperazone acid.



No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/07/2011

(21) Application No.1968/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ONE-POT ACYLATION OF ALIPHATIC/AROMATIC AMINES

(51) International classification

:A01J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)SANTOSH B MHASKE
2)PANKAJ S MAHAJAN**

(57) Abstract :

The present invention provides a cost effective, environmental friendly and efficient, one pot decarboxylative acylation of aromatic/heteroaromatic primary/secondary amines using diethyl malonate (DEM) to obtain corresponding homologated amides in good yield with a high degree of purity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 11/11/2011

(21) Application No.3195/DEL/2011 A

(43) Publication Date : 18/01/2013

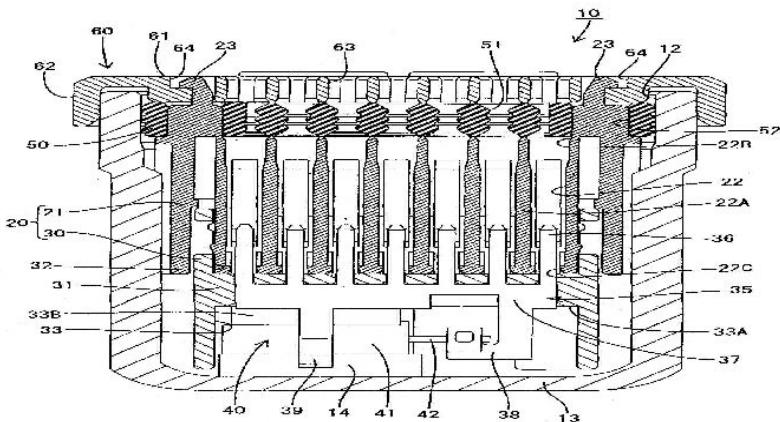
(54) Title of the invention : FLUIDPROOF CONNECTOR

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:JP2010-258104	1)SUMITOMO WIRING SYSTEMS, LTD. Address of Applicant :1-14, NISHISUEHIRO-CHO, YOKKAICHI-CITY, MIE 510-8503, JAPAN
(32) Priority Date	:18/11/2010	
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)RYUICHI FUJISAKI
(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 :

A waterproof 10 is provided with a capacitor 40; a pair of busbar pieces 35 connected via the capacitor 40, each busbar piece 35 including a plurality of tab portions 36, a coupling portion 37 connecting the plurality of tab portions 36 to each other, and a connecting portion 38 connected to an electrode of the capacitor 40; a connector housing 11 which houses the pair of busbar pieces 35 and the capacitor 40 connected to the busbar pieces, is open only in one direction, and holds the terminal fittings inserted through an opening 12 of the connector housing 11 to be connected to the tab portions 36 of the busbar pieces 35; a seal member 50 having through holes 51, through which the wires are closely inserted, and to be press-fitted into the connector housing 11 through the opening 12 of the connector housing 11; and a rear holder 60 having wire insertion holes 63 corresponding to the through holes 51 and to be mounted to cover the opening 12 of the connector housing 11 to retain and hold the seal member 50. FIG. 3

FIG. 3



No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1939/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A NOVEL ALKALINE PROTEASE FOR INDUSTRIAL APPLICATIONS AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)VELUCHAMY PRABHAWATHI
Filing Date	:NA	2)GUPTA RISHIKESH KUMAR
(87) International Publication No	:NA	3)PRASAD DINESH
(61) Patent of Addition to Application Number	:NA	4)SAMBAMURTHY DURAI ANBARASAN
Filing Date	:NA	5)SUNDARAMOORTHY SUNDARAPANDIYAN
(62) Divisional to Application Number	:NA	6)NESAMONY GNANADHAS EDWIN OLIVER
Filing Date	:NA	7)NAIDU RAMACHANDRA BOOPATHY
		8)CHELLAN ROSE
		9)NUMBI RAMUDU KAMINI
		10)PALANIVEL SARAVANAN
		11)MARICHETTI KUPPUSWAMY GOWTHAMAN

(57) Abstract :

A novel alkaline serine protease has been prepared from a strain of *Bacillus pumilus* under submerged culture condition. The said protease exhibits activity and stability in salts, surfactants, oxidants, detergent and various organic solvents. Further, this novel protease possesses elastase activity but exhibits no collagenase activity. The protease finds potential application in leather processing and cleaning and washing purposes.

No. of Pages : 41 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.1950/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NOVEL TOPICAL NATAMYCIN FORMULATION FOR OCULAR ANTIFUNGAL THERAPY □

(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 :**

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Address of Applicant :Dr. Rajendar Prasad Centre for
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India

(72)**Name of Inventor :**

1)THIRUMURTHY VELPANDIAN

2)NIRMAL JAYABALAN

3)ALOK K RAVI

4)NAMRATA SHARMA

5)SUPRIYO GHOSE

(57) Abstract :

The present invention relates to the field of an ophthalmic solution for the treatment of ophthalmic disorders. Particularly, the invention provides a highly soluble, cornea permeable and bio-available eye drop formulation comprising natamycin as a polyene antimycotic agent (active agent) along with a co-solvent and pharmaceutically acceptable excipients, useful for the treatment of ocular infections. To prepare a sustained release formulation co-solvents like Propylene glycol, Dimethyl Sulphoxide, Glacial acetic acid are added to the said formulation while the excipients are selected from polymers, cross linking agents, preservatives, buffer, and iso-osmotic agent. The ophthalmic composition has surprisingly enhanced solubility and enhanced bioavailability of polyene antimycotic agent i.e. natamycin and the composition simultaneously imparts enhanced ocular penetration ability of the drug (natamycin) to the eye. The composition may be formulated as a pourable liquid like solution, controlled release eye spray, suspension, ointment, gels and ocular inserts.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2011

(21) Application No.1996/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A NOVEL NANOCOMPOSITE □OR BONE FILLING APPLICATIONS AND METHOD OF PREPARATION THEREOF□

(51) International classification	:C07D	(71) Name of Applicant : 1)NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER) Address of Applicant :Sector-67 S.A.S Nagar (Mohali) Punjab-160062 India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)Neeraj Kumar 2)Santosh Bodakhe 3)Shalini Verma
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to two phase nanocomposite bone graft. In particular, the present invention provides a crosslinkable bioactive and completely resorbable, hardening, multi-phase nanocomposite. The nanocomposite particularly consists of photocrosslinkable poly(glyccrol-sebacate)-fumarate a carrier polymer a nanohydroxyapatite dispersed phase. The injectable nanocomposite in the present invention is bioactive, osteoconductive and osseointegrative in nature and is suitable for load bearing applications or for filling irregular-shaped bone defects such as osteotomies, periodontal defects, reconstruction surgeries, vertebroplasty, and post-extraction filling applications, etc.

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/11/2011

(21) Application No.3193/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, RECEPTION METHOD, PROGRAM AND TRANSMISSION SYSTEM

(51) International classification	:B64D
(31) Priority Document No	:P2010-258570
(32) Priority Date	:19/11/2010
(33) Name of priority country	:Japan
(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)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO, JAPAN

(72)**Name of Inventor :**

1)TATSUO SHINBASHI

2)KAZUHISA FUNAMOTO

3)HIDEYUKI MATSUMOTO

4)HIROSHI SHIROSHITA

5)KENICHI MARUKO

6)TATSUYA SUGIOKA

7)NAOHIRO KOSHISAKA

(57) Abstract :

Disclosed herein is a transmission apparatus, including: an error correction code calculation section adapted to calculate an error correction code from data of a transmission object as an information word; a division section adapted to allocate coded data which configure a codeword obtained by adding the error correction code determined by the calculation by the error correction code calculation section to the data of the transmission object for each predetermined number of units to a plurality of transmission lines; and a plurality of transmission sections provided corresponding to the plural transmission lines and adapted to transmit the coded data allocated by the division section to a reception apparatus through the transmission lines.

No. of Pages : 61 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/11/2011

(21) Application No.3196/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HYBRID STRIP FOR RAPID DETECTION OF MYCOBACTERIUM TUBERCULOSIS

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:100207995	1)ASIAGEN CORPORATION
(32) Priority Date	:05/05/2011	Address of Applicant :4F No.3 Nanke 3rd Road, Southern
(33) Name of priority country	:Taiwan	Taiwan Science Park Xinshi Dist. Tainan City 74147 Taiwan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CHOU George Chin Sheng
(87) International Publication No	: NA	2)Lin Yu Hsuan
(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 is a Hybrid Strip for Rapid Detection of Mycobacterium tuberculosis. The strip comprises a supporting body and thereon a sample pad a conjugate reagent pad a test membrane and an absorbent pad. The conjugate reagent pad is coated with specific receptor-gold complexes which interact with PCR products carried to this pad via capillary action and thereby forms complexes. The above complexes will keep migrating by capillary action on the test membrane where a test line an internal control line and a system control line are coated thereon. These 3 lines may individually capture the target component of the complexes and then generate color reactions. According to the result of the color reactions the existence of MTBC as well as the PCR inhibitors can be determined.

No. of Pages : 20 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3217/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITIONS COMPRISING LILIUM CANDIDUM EXTRACTS AND USES THEREOF

(51) International classification

:C07D

(31) Priority Document No

:12/971,342

(32) Priority Date

:17/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)JOHNSON & JOHNSON CONSUMER COMPANIES,
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Address of Applicant :GRANDVIEW ROAD, SKILLMAN,
NJ 08558, U.S.A.

(72)Name of Inventor :

**1)CHONG JIN LOY
2)KHALID MAHMOOD
3)CLAUDE SALIOU**

(57) Abstract :

Provided are compositions comprising certain extracts of Lilium Candidum and a carrier. Also provided are methods of lightening the skin comprising the step of applying to skin in need of skin lightening treatment one or more certain extracts of Lilium Candidum.

No. of Pages : 39 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3218/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITIONS COMPRISING LILIUM CANDIDUM EXTRACTS AND USES THEREOF

(51) International classification

:C07D

(31) Priority Document No

:12/971,329

(32) Priority Date

:17/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)JOHNSON & JOHNSON CONSUMER COMPANIES,
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Address of Applicant :GRANDVIEW ROAD, SKILLMAN,
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(72)Name of Inventor :

**1)CHONG JIN LOY
2)KHALID MAHMOOD
3)CLAUDE SALIOU**

(57) Abstract :

Provided are compositions comprising certain extracts of Lilium Candidum and a carrier. Also provided are methods of lightening the skin comprising the step of applying to skin in need of skin lightening treatment one or more certain extracts of Lilium Candidum.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3219/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : POLYGLYCERYL COMPOUNDS AND COMPOSITIONS

(51) International classification

:C07D

(31) Priority Document No

:61/413,712

(32) Priority Date

:15/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)JOHNSON & JOHNSON CONSUMER COMPANIES,
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Address of Applicant :GRANDVIEW ROAD, SKILLMAN,
NJ 08558, U.S.A.

(72)Name of Inventor :

**1)SASA ANDJELIC
2)MODESTO ERNETA
3)MICHAEL J. FEVOLA
4)FRANK C. SUN**

(57) Abstract :

Provided are compositions comprising one or more compounds having a structure comprising a node structure with from four to twelve carbon atoms, one or more (poly)glyceryl groups, and one or more hydrophobic moieties, wherein each of the one or more (poly)glyceryl groups is linked to the node structure by a first primary linking group, the one or more hydrophobic moieties are each independently linked either to the node structure by a primary linking group or to one of the (poly)glyceryl groups by a secondary linking group, and wherein the polyglyceryl thickener has an average degree of glycerol polymerization of from greater than 3 to less than about 11 and an average number of hydrophobic groups per primary linking group of about 0.35 or greater. Also provided are polyglyceryl compounds, compositions comprising water, a surfactant, and a polyglyceryl thickener, as well as, methods of making polyglyceryl compounds and compositions of the present invention.

No. of Pages : 73 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.3236/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR DETERMINING A PITCH ANGLE OFFSET SIGNAL AND FOR CONTROLLING A ROTOR FREQUENCY OF A ROTOR OF A WIND TURBINE FOR SPEED AVOIDANCE CONTROL

(51) International classification	:C07C
(31) Priority Document No	:EP11151812
(32) Priority Date	:24/01/2011
(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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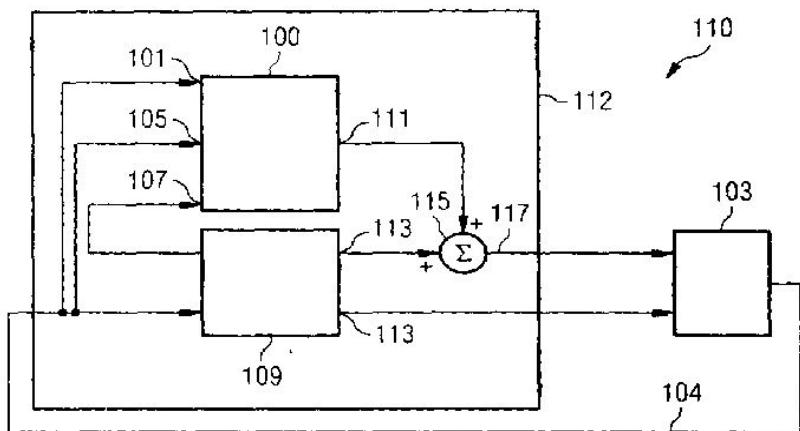
(72)Name of Inventor :

1)ESBENSEN; THOMAS

2)HOEGH; GUSTAV

(57) Abstract :

It is described a method for determining and applying a pitch angle offset signal for controlling a rotor frequency of a rotor of a wind turbine, the method comprising: obtaining a motion quantity indicative of a motion of the rotor (221); determining the pitch angle offset signal (439) based on the motion quantity such that the pitch angle offset signal is adapted to be used for adjusting a blade pitch angle (p) of a rotor blade (219) mounted at the rotor (221) for controlling the rotor frequency in order to reduce a time span during which the rotor is in a critical motion region (450). Furthermore, a corresponding system and a method for controlling a rotor frequency are provided. FIG:1



No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/11/2011

(21) Application No.3201/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FLOW VECTOR CONTROL FOR HIGH SPEED CENTRIFUGAL PUMPS

(51) International classification

:A61B

(31) Priority Document No

:61/413831

(32) Priority Date

:15/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

An impeller for a centrifugal pump includes a radially inner hub, and a plurality of blades extending straight and along a direction that is perpendicular to a rotational axis of the impeller. The blades extend from a radially outer end to a radially inner end, and define a generally frusto-conical envelope. A flow control feature is formed between the radially inner end of the blades and the hub. The flow control feature has a curved upper surface.

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

(71)Name of Applicant :

1)SUNDYNE CORPORATION

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1)SCOTT R. WAIT

2)JOHN E. SIDEIKO

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3220/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : POLYGLYCERYL COMPOUNDS AND COMPOSITIONS

(51) International classification

:C07D

(31) Priority Document No

:61/413,712

(32) Priority Date

:15/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

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Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)SASA ANDJELIC
2)MODESTO ERNETA
3)MICHAEL J. FEVOLA
4)FRANK C. SUN**

(57) Abstract :

Provided are compositions comprising one or more compounds having a structure comprising a node structure with from four to twelve carbon atoms, one or more (poly)glyceryl groups, and one or more hydrophobic moieties, wherein each of the one or more (poly)glyceryl groups is linked to the node structure by a first primary linking group, the one or more hydrophobic moieties are each independently linked either to the node structure by a primary linking group or to one of the (poly)glyceryl groups by a secondary linking group, and wherein the polyglyceryl thickener has an average degree of glycerol polymerization of from greater than 3 to less than about 11 and an average number of hydrophobic groups per primary linking group of about 0.35 or greater. Also provided are polyglyceryl compounds, compositions comprising water, a surfactant, and a polyglyceryl thickener, as well as, methods of making polyglyceryl compounds and compositions of the present invention.

No. of Pages : 73 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3221/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : POLYGLYCERYL COMPOUNDS AND COMPOSITIONS

(51) International classification

:C07D

(31) Priority Document No

:61/413,712

(32) Priority Date

:15/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)SASA ANDJELIC
2)MODESTO ERNETA
3)MICHAEL J. FEVOLA
4)FRANK C. SUN**

(57) Abstract :

Provided are compositions comprising one or more compounds having a structure comprising a node structure with from four to twelve carbon atoms, one or more (poly)glyceryl groups, and one or more hydrophobic moieties, wherein each of the one or more (poly)glyceryl groups is linked to the node structure by a first primary linking group, the one or more hydrophobic moieties are each independently linked either to the node structure by a primary linking group or to one of the (poly)glyceryl groups by a secondary linking group, and wherein the polyglyceryl thickener has an average degree of glycerol polymerization of from greater than 3 to less than about 11 and an average number of hydrophobic groups per primary linking group of about 0.35 or greater. Also provided are polyglyceryl compounds, compositions comprising water, a surfactant, and a polyglyceryl thickener, as well as, methods of making polyglyceryl compounds and compositions of the present invention.

No. of Pages : 73 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.3241/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : STEREOSCOPIC DISPLAY APPARATUS AND METHOD

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	260073	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:22/11/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)SHUICHI TAKAHASHI
Filing Date	:NA	2)YOTA KOMORIYA
(87) 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 stereoscopic display apparatus includes a display mode control unit configured to switch the display unit between a first stereoscopic display mode configured for a viewer to view images with stereoscopic viewing glasses and a second stereoscopic display mode configured for a viewer to view images without stereoscopic viewing glasses. Also described is a method of displaying images that includes switching between displaying images in a first stereoscopic display mode in which images are displayed to be viewed with stereoscopic viewing glasses and a second stereoscopic display mode in which images are displayed to be viewed without stereoscopic viewing glasses.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.1958/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : RUDRAKASH

(51) International classification	:G09G	(71) Name of Applicant : 1)RAVI KATARIA Address of Applicant :H. NO 744/21 KAILASH COLONY ROHATAK 124001 (HARYANA) Haryana India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)RAVI KATARIA
Filing Date	:NA	
(87) 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 :

NA

No. of Pages : 11 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3229/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ENHANCED PLANT LEVEL SUPPORT OF GRID RECONSTRUCTION

(51) International classification

:B60D

(31) Priority Document No

:12/947910

(32) Priority Date

:17/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)LONG, CHRISTOPHER EUGENE

2)BOES, LAURA LEA

(57) Abstract :

Methodology is provided for enhancing plant level support for grid reconstruction following a blackout. A plant based grid reconstruction manager develops solutions for reconstruction sequence steps to be carried out automatically or to be communicated to site personnel for manual implementation. The sequence steps are based on high-fidelity modeling of the capabilities all of the power production units present in a power plant and take into consideration grid specified load expectations, ambient conditions including ambient temperature and gas turbine operating levels. The methodology also provides for consideration of possible subsequent steps in the sequence to maximize the ability to pick-up additional load in such subsequent steps.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3230/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : EMERGENCY DISCONNECT SEQUENCE TIMER DISPLAY AND METHOD

(51) International classification

:B60D

(31) Priority Document No

:12/957020

(32) Priority Date

:30/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HYDRIL USA MANUFACTURING LLC

Address of Applicant :3300 N. SAM HOUSTON PARKWAY
EAST, HOUSTON, TEXAS 77032, U.S.A.

(72)Name of Inventor :

1)EBENEZER, JOSEPH PREM

(57) Abstract :

A rig control interface, system, and method. The rig control interface includes an emergency disconnect sequence button configured to initiate an emergency disconnect sequence signal to be sent to multiplex pods resulting in an emergency disconnect sequence including a plurality of functions being performed by devices in one or both of a lower marine riser package and a blowout preventer stack; and an emergency disconnect sequence timer display triggered by initiation of the emergency disconnect sequence signal, the emergency disconnect sequence timer display configured to indicate one or both of time elapsed after initiation of the emergency disconnect sequence signal and a status of the plurality of functions being performed by the devices in the one or both of the lower marine riser package and the blowout preventer stack.

No. of Pages : 42 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.3248/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : Pitch System Balancing

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:PA 2010	1)Envision Energy (Denmark) ApS
	70494	Address of Applicant :Torvet 11 2 8600 Silkeborg Denmark
(32) Priority Date	:18/11/2010	(72)Name of Inventor :
(33) Name of priority country	:Denmark	1)Peter Grabau
(86) International Application No	:NA	2)Michael Friedrich
Filing Date	:NA	3)Carsten Bendix S,rensen
(87) 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 balancing method and system for a partial pitch rotor blade for a wind turbine is described. Balancing elements are mounted to the pitch system of the rotor blade which remove the need for complicated balancing operations to be performed which may affect the structural stability of the rotor blade body. A method is described wherein a suitable compensating balancing weight for mounting to the pitch system may be used the weight chosen based on the known tip and root weights of standard blade extender and rotor blade parts used.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.3249/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SURGICAL FILAMENT SNARE ASSEMBLIES

(51) International classification

:A61B

(31) Priority Document No

:61/416,562

(32) Priority Date

:23/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DEPUY MITEK, INC.

Address of Applicant :325 PARAMOUNT DRIVE,
RAYNHAM, MA 02767, U.S.A.

(72)Name of Inventor :

1)MEHMET ZIYA SENGUN

2)HOWARD TANG

3)DAVID B. SPENCINER

4)GREGORY R. WHITTAKER

5)GEROME MILLER

6)JOSEPH HERNANDEZ

7)ROBERT STEFANI

(57) Abstract :

A surgical filament snare assembly including an anchor capable of being fixated in bone and having a filament engagement feature. A first filament has a noose with first and second noose limbs connected, preferably slidably connected, to the filament engagement feature of the anchor. The first and second noose limbs emerge from the anchor as first and second free filament limbs which are capable of being passed through tissue to be repaired and then passable through the noose. The noose, such as one or more half-hitches, is capable of receiving the free filament limbs and strangulating them when tension is applied to at least one of the free filament limbs and the noose to enable incremental tensioning of the tissue after the anchor is fixated. Preferably, the snare assembly further includes a flexible sleeve joining at least some portion of the first and second free filament limbs to facilitate passing of the free filament limbs at least through the tissue as a single unit.

No. of Pages : 61 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/11/2011

(21) Application No.3194/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TRANSMITTING DEVICE, TRANSMITTING METHOD, RECEIVING DEVICE, RECEIVING METHOD, PROGRAM, AND TRANSMISSION SYSTEM

(51) International classification

:B64D

(31) Priority Document No

:P2010-
258569

(32) Priority Date

:19/11/2010

(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)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO, JAPAN

(72)Name of Inventor :

1)TATSUO SHINBASHI

2)KAZUHISA FUNAMOTO

3)HIDEYUKI MATSUMOTO

4)HIROSHI SHIROSHITA

5)KENICHI MARUKO

6)TATSUYA SUGIOKA

7)NAOHIRO KOSHISAKA

8)SHIGETOSHI SASAKI

9)MASATO TOMORI

(57) Abstract :

A transmitting device includes a setting unit that sets the data length of an error correcting code whose data length is variable, an error correcting code calculator that calculates the error correcting code having the data length set by the setting unit for transmission-subject data as an information word, and a transmitting unit that transmits, to a receiving device existing in the same device, coded data that is data of a codeword obtained by adding the error correcting code obtained by calculation by the error correcting code calculator to the transmission-subject data.

No. of Pages : 60 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3232/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY APPARATUS

(51) International classification	:G01B	(71) Name of Applicant :
(31) Priority Document No	:2010-270149	1)HITACHI CONSUMER ELECTRONICS Address of Applicant :2-1,, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-0004 JAPAN
(32) Priority Date	:03/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YAMASHITA YOSHIHARU 2)KAKU NOBUYUKI 3)AKAZAWA YOSHIYUKI 4)YAMAMOTO MASAHIRO
(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	

(57) Abstract :

In the backlight unit of a liquid crystal display apparatus, LEDs are arranged in two rows on an LED PWB, the LED PWB is assembled with light guide plates, and then a reflective sheet is inserted between the LED PWB and the light guide plates. This manufacturing method leads to low workability and the LED PWB needs to be large in size, resulting in excessive materials and a larger weight. Features of a liquid crystal display apparatus including a backlight unit are that a diffusing member and an adjusting member are disposed on the exit surfaces of light guide plates near a liquid crystal panel, the diffusing member diffusing light from the exit surfaces, the adjusting member adjusting the distribution of light from the exit surfaces, the light guide plate is as large as one of four equal parts of the liquid crystal panel divided in the vertical and horizontal directions, and LED PWBS are arranged in three rows in the horizontal direction on each of the four separate light guide plates. Another feature is that the LED PWB has multiple LEDs arranged in a row.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.3254/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VEHICLE FLOOR STRUCTURE□

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-266187	1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka 4328611 JAPAN
(32) Priority Date□	:30/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)Jiro OKUDA
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

In a vehicle floor structure a floor carpet 20 is laid on a floor panel 1 a duct 10 is covered with the floor carpet 20 a rear end 10B of the duct 10 penetrates a rearwardly down sloping inclined portion 21N from an inside of a raised portion 21 formed in the floor carpet 20 and faces a lower side of the rear seat a substantially H-shaped slit S is formed in the inclined portion 21N of the floor carpet 20 and the rear end 10B of the duct 10 is arranged so as to protrude from the inclined portion 21N while pressing a back surface 30U of an upper carpet piece ...

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.3255/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FIBRE CHANNEL INSERT

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:10 2010	1)MASCHINENFABRIK RIETER AG
	044 181.3	Address of Applicant :KLOSTERSTRASSE 20, 8406
(32) Priority Date	:19/11/2010	WINTERTHUR, SWITZERLAND.
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)MATHIAS BURCHERT
Filing Date	:NA	2)SIEGFRIED KROHMER
(87) 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 fibre channel insert is applicable in a mounting hole of an opening roller housing of an open-end spinning arrangement, whereby the fibre channel insert comprises a fibre channel body and a section of the fibre channel. The fibre channel body extends with its major axis essentially transversely to a major axis of the fibre channel. An open-end spinning arrangement with a spinning element and an opening roller housing, in which an opening roller is arranged in a rotatable way, comprises a fibre channel (9), said fibre channel transporting the fibre material to be spun from the opening roller to the spinning element. A section of the fibre channel is provided in a fibre channel insert which is insertable in a mounting opening of the opening roller housing, said fibre channel insert having a primarily cylindrical fibre channel body. The fibre channel body extends with its major axis essentially transversely to a major axis of the fibre channel, and the fibre channel insert is primarily insertable axially parallel to the opening roller axis.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.3243/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SURGICAL FILAMENT SNARE ASSEMBLIES

(51) International classification	:A61B	(71) Name of Applicant :
(31) Priority Document No	:61/416,562	1)DEPUY MITEK, INC.
(32) Priority Date	:23/11/2010	Address of Applicant :325 PARAMOUNT DIVE, RAYNHAM, MA 02767, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)MEHMET ZIYA SENGUN
Filing Date	:NA	2)HOWARD TANG
(87) International Publication No	:NA	3)DAVID B. SPENCINER
(61) Patent of Addition to Application Number	:NA	4)GREGORY R. WHITTAKER
Filing Date	:NA	5)GEROME MILLER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical filament snare assembly including an anchor capable of being fixated in bone and having a filament engagement feature. A first filament has a noose on a first portion of at least a first limb and has a second portion connected to the filament engagement feature of the anchor. Preferably, at least one free filament limb, which in some embodiments is a length of the first filament and in other embodiments is a second filament, is capable of being passed through tissue to be repaired and has at least one end passable through the noose to enable incremental tensioning of the tissue after the anchor is fixated in bone. The noose strangulates the free filament limb when tension is applied to at least one of the free filament limb and the noose.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.3244/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SEPARATING ELEMENT WITH VENTILATION DUCTS

(51) International classification	:A61B
(31) Priority Document No	:102010060613.8
(32) Priority Date	:17/11/2010
(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)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT

Address of Applicant :PORSCHEPLATZ 1, 70435

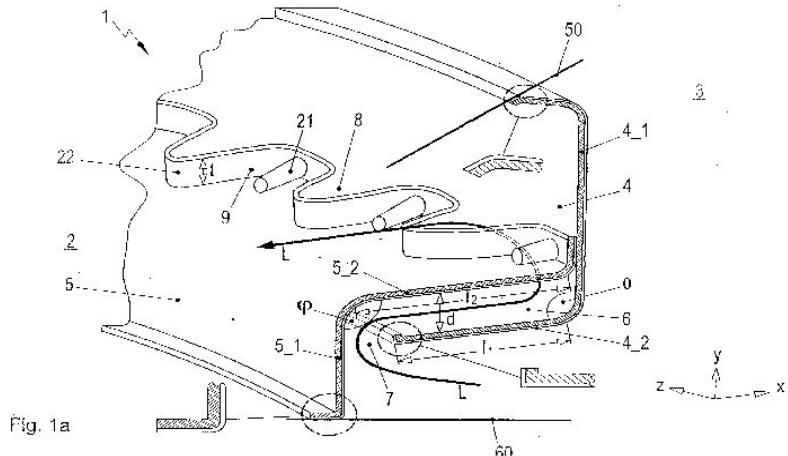
STUTTGART, GERMANY

(72)Name of Inventor :

1)STEFAN SCHMITZ

(57) Abstract :

Separating element between a rear region (2) and a passenger compartment (3) of a motor vehicle, characterized in that the separating element (1, 10, 100) is composed of a first angular shell (4, 40, 400) and a second angular shell (5, 50, 500), wherein at least one labyrinth-like ventilation duct is provided between the first angular shell (4, 40, 400) and the second angular shell (5, 50, 500), and therefore air can flow from the passenger compartment (3) into the rear region (2), wherein the first angular shell (4, 40, 400) and the second angular shell (5, 50, 500) each have two surfaces corresponding in cross section to two limbs of a respective L. (Figure 1a)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.3266/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITIONS COMPRISING LILIUM SIBERIA EXTRACTS AND USES THEREOF

(51) International classification

:C07D

(31) Priority Document No

:12/971,512

(32) Priority Date

:17/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)JOHNSON & JOHNSON CONSUMER COMPANIES,
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Address of Applicant :GRANDVIEW ROAD, SKILLMAN,
NJ 08558, U.S.A.

(72)Name of Inventor :

**1)CHONG JIN LOY
2)KHALID MAHMOOD
3)CLAUDE SALIOU
4)LIJUN YU**

(57) Abstract :

Provided are compositions comprising an extract of Lilium Siberia and a carrier. Also provided are methods of lightening the skin comprising the step of applying to skin in need of skin lightening treatment an extract of Lilium Siberia.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.3267/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITIONS COMPRISING LILIUM SIBERIA EXTRACTS AND USES THEREOF

(51) International classification

:C07D

(31) Priority Document No

:12/971,351

(32) Priority Date

:17/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :GRANDVIEW ROAD, SKILLMAN,
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(72)Name of Inventor :

**1)CHONG JIN LOY
2)KHALID MAHMOOD
3)CLAUDE SALIOU
4)LIJUN YU**

(57) Abstract :

Provided are compositions comprising an extract of Lilium Siberia and a carrier. Also provided are methods of lightening the skin comprising the step of applying to skin in need of skin lightening treatment an extract of Lilium Siberia.

No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.3286/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND METHOD, AND PROGRAM

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	263805	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:26/11/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)YOSHIHIRO MYOKAN
Filing Date	:NA	
(87) 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 image processing apparatus includes a depth image obtaining unit configured to obtain a depth image including information on distances from an image-capturing position to a subject in a two-dimensional image to be captured; a local tip portion detection unit configured to detect a portion of the subject at a depth and a position close from the image-capturing position as a local tip portion; a projecting portion detection unit configured to detect, in a case where, when each of the blocks is set as a block of interest, the local tip portion of the block of interest in an area formed of the plurality of blocks adjacent to the block of interest, becomes a local tip portion closest from the image-capturing position, the local tip portion as a projecting portion; and a tracking unit configured to continuously track the position of the projecting portion.

No. of Pages : 74 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.3268/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TOUCH PANEL APPARATUS AND TOUCH PANEL DETECTION METHOD

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	261359	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:24/11/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)YUSUKE ONISHI
Filing Date	:NA	
(87) 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 touch panel apparatus includes a detector configured to detect contact or approach of an object to a panel within a detection range of the panel, a controller configured to execute the detection on the entire panel and control the detection range in accordance with a result of the detection, and an output unit configured to determine and output a position corresponding to the contact or the approach of the object within the detection range controlled by the controller.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.3269/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VEHICLE SEAT MOUNTING STRUCTURE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:2010-262225	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:25/11/2010	Address of Applicant :300 TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)YAMAMOTO, KOICHI
(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 :

A vehicle seat mounting structure includes: a reinforcement overlaid along an upper portion and upper side portions of a floor tunnel; and seat mounting brackets disposed on two end portions of an upper portion of the reinforcement. An upper part of a central portion of each bracket is formed to protrude outward from the upper portion of the reinforcement. A side part of the central portion is formed to spread outward as proceeding from the upper part of the central portion to the lower side. An opening is provided in a lower end of the side part of the central portion. Upper parts of two end portions of the bracket are formed along the upper portion of the reinforcement. Side parts of the two end portions are formed along a side portion of the reinforcement and a lower side portion of the floor tunnel, and are formed to spread outward as proceeding from the upper parts of the two end portions to the lower side. The end portion of the bracket is joined to the lower side portion of the floor tunnel and the reinforcement. (Fig. 4)

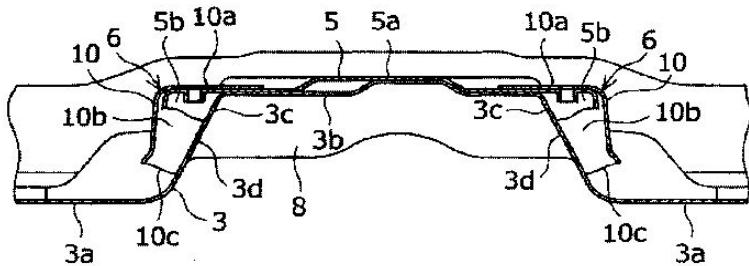


FIG. 4

No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.3291/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HEAT EXCHANGER

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:PA 2010	1)DANFOSS A/S
	01047	Address of Applicant :NORDBORGVEJ 81, DK-6430
(32) Priority Date	:19/11/2010	NORDBORG, Denmark
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:NA	1)PERSSON, LARS
Filing Date	:NA	
(87) 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 a plate heat exchanger (9), comprising a plurality of heat exchanger plates (1, 13), comprising at least one section showing indentations (2, 3, 14, 15), intended to be placed against corresponding indentations (2, 3, 14, 15) of a heat exchanger plate (1, 13) of a corresponding design. At least a first type of indentations (2, 14) and at least a second type of indentations (3, 15) is provided, wherein said first type of indentations (2, 14) and said second type of indentations (3, 15) are of a different design.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.3292/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HEAT EXCHANGER

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:PA 2010	1)DANFOSS A/S
	01048	Address of Applicant :NORBORGVEJ 81, DK-6430
(32) Priority Date	:19/11/2010	NORBORG, Denmark
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:NA	1)PERSSON, LARS
Filing Date	:NA	
(87) 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 a plate heat exchanger (9) with a plurality of heat exchanger plates (1, 13), each comprising at least one section showing indentations (2, 3, 14, 15), intended to be placed against corresponding indentations (2, 3, 14, 15) of a heat exchanger plate (1, 13) of a corresponding design. The heat exchanger (9) has a first type of indentations (2, 14) and a second type of indentations (3, 15), wherein the number of said first type of indentations (2,14) and said second type of indentations (3, 15) are differing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.3293/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SUSPENDING APPARATUS OF TRAVELING CABLE FOR ELEVATOR AND ELEVATOR APPARATUS

(51) International classification

:B23B

(31) Priority Document No

:2010-
271375

(32) Priority Date

:06/12/2010

(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)HITACHI, LTD.

Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
CHIYODA-KU, TOKYO JAPAN

(72)Name of Inventor :

1)HOKARI SADAO

2)SATO KOICHI

3)MIYOSHI KAN

4)SHUTO KATSUHARU

5)ABE TAKASHI

6)KUME MASAKAZU

7)TSUKAMOTO YASUSHI

8)KATO HISATAKA

9)OOSHIMA TETSUYA

(57) Abstract :

In a suspending apparatus of traveling cable for elevator, in order to realize a small and reliable suspending apparatus even for an elevator with a large stroke, the traveling cable (10) is configured to feed power to a car and exchange signals with the car. The traveling cable (10) includes a plurality of suspending wire ropes (10L, 10R) embedded therein. Each of the suspending wire ropes (10L, 10R) is incorporated into one of rope sockets (20L, 20R), respectively, and each of the rope sockets (20L, 20R) incorporating the suspending wire rope is fastened to one of thimble rods (30L, 30R), respectively, so that one end of the traveling cable is suspended from a hoistway side suspension apparatus (100) and the other end of the traveling cable is suspended from a car side suspending apparatus (200). The thimble rods (30L, 30R) is configured to have a different length from each other so as not to cause interference between the rope sockets (20L, 20R) to which a plurality of suspending wire ropes (10L, 10R) are attached. The suspending apparatus includes a traveling cable sway prevention mechanism (130) provided below a drawing point (10a) of the suspending wire ropes to suppress bending stress applied to the thimble rods due to rolling of the traveling cable.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.3257/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BLOWOUT PREVENTER WITH INTERVENTION, WORKOVER CONTROL SYSTEM
FUNCTIONALITY AND METHOD

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/956205	1)HYDRIL USA MANUFACTURING LLC
(32) Priority Date	:30/11/2010	Address of Applicant :3300 N. SAM HOUSTON PARKWAY
(33) Name of priority country	:U.S.A.	EAST, HOUSTON, TEXAS 77032, U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)JUDGE, ROBERT ARNOLD
(87) 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 :

System and method for controlling a blowout preventer (BOP) stack and a tree attached to a wellhead of a well. The system includes at least a MUX pod configured to receive electrical signals and a fluid under pressure, and to provide a first set of functions to the LMRP part, and a second set of functions to a lower BOP part; a pod extension module configured to receive the fluid under pressure from the MUX pod, and to provide a third set of functions to the tree based on the received fluid under pressure; and a control part configured to be attached to the tree and to communicate with the pod extension module. The third set of functions for the tree is different from the second set of functions provided to the lower BOP part.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.3278/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : GUIDE CATHETER COMPOSED OF SHAPE MEMORY POLYMER'

(51) International classification

:C08L

(31) Priority Document No

:61/414577

(32) Priority Date

:17/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MICRUS ENDOVASCULAR LLC

Address of Applicant :821 FOX LANE, SAN JOSE, CA
95131, U.S.A.

(72)Name of Inventor :

1)ERIC WILLIAMS

(57) Abstract :

A guide catheter includes a tubular section formed of a shape memory polymer that can transform dynamically between first and second states or conditions, or among three states or conditions, to provide a wide range of properties of the guide catheter as desired during delivery of the guide catheter through the vasculature to a target site, and removal of the guide catheter from the target site and vasculature. The states or conditions of the shape memory polymer be dynamically changed to vary properties of the tubular section such as stiffness, flexibility, shape, or biodegradability, which can be controlled by exposure of the shape memory polymer to temperature changes, electric fields, magnetic fields, wavelengths of light, and chemical solutions.

No. of Pages : 14 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.3279/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITIONS COMPRISING LILIUM MARTAGON EXTRACTS AND USES THEREOF

(51) International classification

:C07C

(31) Priority Document No

:12/971,368

(32) Priority Date

:17/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

Provided are compositions comprising an extract of Lilium martagon and a carrier. Also provided are methods of lightening the skin comprising the step of applying to skin in need of skin lightening treatment an extract of Lilium martagon.

No. of Pages : 36 No. of Claims : 23

(71)Name of Applicant :

**1)JOHNSON & JOHNSON CONSUMER COMPANIES,
INC.**

Address of Applicant :GRANDVIEW ROAD, SKILLMAN,
NJ 08558, U.S.A.

(72)Name of Inventor :

1)KHALID MAHMOOD

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.3298/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INTEGRATED ELECTRIC MACHINE AND SILICON CARBIDE POWER CONVERTER ASSEMBLY AND METHOD OF MAKING SAME

(51) International classification

:H01G

(31) Priority Document No

:12/949862

(32) Priority Date

:19/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

An electric drive system comprising an electric machine comprising a rotor and a stator, a power converter electrically coupled to the electric machine and configured to convert a DC link voltage to an AC output voltage to drive the electric machine, and a single cooling loop, wherein the electric machine and the power converter are integrated within the single cooling loop.

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

(71)**Name of Applicant :**

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)**Name of Inventor :**

1)EL-REFAIE, AYMAN MOHAMED FAWZI

2)KING, ROBERT DEAN

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.3299/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : RANKINE CYCLE INTEGRATED WITH ORGANIC RANKINE CYCLE AND ABSORPTION CHILLER CYCLE

(51) International classification	:H01G
(31) Priority Document No	:12/949865
(32) Priority Date	:19/11/2010
(33) Name of priority country	:U.S.A.
(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)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)**Name of Inventor :**

1)LEHAR, MATTHEW ALEXANDER

2)FREUND, SEBASTIAN WALTER

3)FREY, THOMAS JOHANNES

4)AST, GABOR

5)HUCK, PIERRE SEBASTIEN

6)MUEHLBAUER, MONIKA

(57) Abstract :

A power generation system is provided. The system comprises a first Rankine cycle-first working fluid circulation loop comprising a heater, an expander, a heat exchanger, a recuperator, a condenser, a pump, and a first working fluid; integrated with a) a second Rankine cycle-second working fluid circulation loop comprising a heater, an expander, a condenser, a pump, and a second working fluid comprising an organic fluid; and b) an absorption chiller cycle comprising a third working fluid circulation loop comprising an evaporator, an absorber, a pump, a desorber, a condenser, and a third working fluid comprising a refrigerant. In one embodiment, the first working fluid comprises CO₂. In one embodiment, the first working fluid comprises helium, air, or nitrogen.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.3311/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HAMMER IMPACT MECHANISM

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:102010062099.8	1) ROBERT BOSCH GMBH
(32) Priority Date	:29/11/2010	Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1) HECHT, JOACHIM
Filing Date	:NA	2) ROGGENSTR, MARTIN KRAUS
(87) 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 subject matter relates to a hammer impact mechanism (10a - 10e) having an anvil (102a - 102e), a tool feed drive shaft (32a - 32e) and an impact generating disconnection unit (118a). The impact generating disconnection unit (118a) includes a locking element (120a) to prevent an axial displacement of the anvil (102a - 102e). The locking element (120a) acts in parallel to a force of the tool feed drive shaft (32a - 32e) on the anvil (102a - 102e) during a drilling operation.

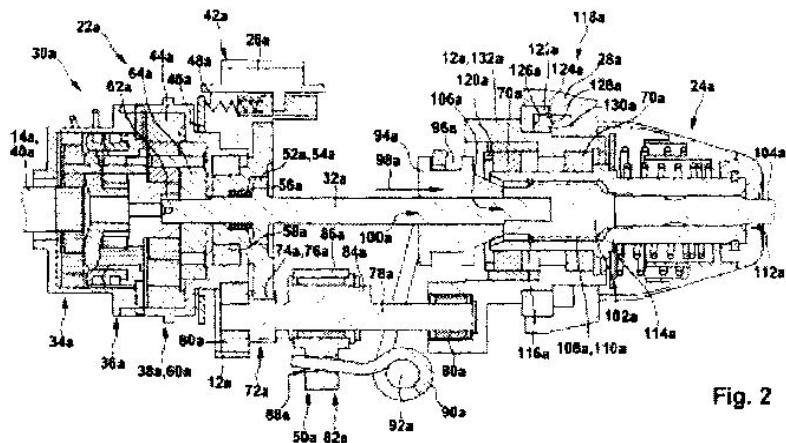


Fig. 2

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.3312/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ENGINE IGNITION AND MONITORING

(51) International classification

:B27B

(31) Priority Document No

:12/951539

(32) Priority Date

:22/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

A combustor (102) including a casing (104) surrounding a combustion zone (106), and an ignitor plug (108) including a tip (110), a base (112), and a body (114) extending therebetween, the body extending through the combustor casing such that the tip is proximate the combustion zone, the ignitor plug configured to receive ignition energy through the base and generate an ignition source at the tip, the ignitor plug further configured to sense combustion dynamics in the combustion zone and generate a signal relative to the sensed combustion dynamics.

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

(71)Name of Applicant :

1)GE AVIATION SYSTEMS LLC

Address of Applicant :3290 PATTERSON AVENUE, SE
GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A.

(72)Name of Inventor :

1)STEFFLER, JOSEPH BERNARD

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.3313/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR HOLD PATH COMPUTATION TO MEET REQUIRED HOLD DEPARTURE TIME

(51) International classification	:G06C
(31) Priority Document No	:12/951303
(32) Priority Date	:22/11/2010
(33) Name of priority country	:U.S.A.
(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)GE AVIATION SYSTEMS LLC

Address of Applicant :3290 PATTERSON AVENUE, NE
GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A.

(72)**Name of Inventor :**

1)KLOOSTER, JOEL KENNETH

2)HOCHWARTH, JOACHIM KARL ULF

(57) Abstract :

A method and hold path computation system for automatically generating a hold path for an aircraft flying in a holding pattern, wherein the holding pattern is defined by one or more orbits within a selectable holding area are provided. The system includes a processor configured to receive a hold departure time indicating a time the aircraft is to leave the hold path to meet a required time of arrival (RTA) at a waypoint, determine a present position of the aircraft within the holding pattern, and determine an amount of time to complete a current hold orbit. The processor is also configured such that if the determined amount of time to complete a current hold orbit is less than or equal to the hold departure time, maintain the aircraft flying in the holding pattern and determine an amount of time by which to shorten the next orbit to exit the holding pattern at the hold departure time.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.3314/DEL/2011 A

(43) Publication Date : 18/01/2013

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

(51) International classification

:B23B

(31) Priority Document No

:12/951360

(32) Priority Date

:22/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GE AVIATION SYSTEMS LLC

Address of Applicant :3290 PATTERSON AVENUE, NE
GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A.

(72)Name of Inventor :

1)STEFFLER, JOSEPH BERNARD

(57) Abstract :

A Crash Protected Memory (CPM) system (100) including a Multi-Level Cell (MLC) memory module (114) including a first memory portion (116) is provided. A processor (112) communicatively coupled to the MLC memory module, the processor programmed to write in the first memory portion a first digital value into a first level of each data-storing cell in the first memory portion and to write a second digital value into a second level of each data-storing cell wherein the first and second digital values are the same, the processor programmed to read a digital value from each level of each data-storing cell in the first memory portion and determine a single digital cell value for each data-storing cell.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.3315/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR IMPROVING TOUCH SCREEN DISPLAY USE UNDER VIBRATION AND TURBULENCE

(51) International classification	:B23B
(31) Priority Document No	:12/952846
(32) Priority Date	:23/11/2010
(33) Name of priority country	:U.S.A.
(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)GE AVIATION SYSTEMS LLC

Address of Applicant :3290 PATTERSON AVENUE, NE
GRAND RAPIDS, MICHIGAN 49512, U.S.A.

(72)Name of Inventor :

1)GANNON, AARON JAMES

(57) Abstract :

A vehicle control system (100) includes a sensor (102,206) configured to transmit a first input signal relative to a measured parameter of the vehicle, a touch screen input and display system (104) configured to transmit a second input signal relative to a manual input by a user, the touch screen input and display system including a planar input and viewing surface having a plurality of edges (108) and a bezel (110) at least partially surrounding the surface proximate at least some of the plurality of edges, the bezel including a surface (112) configured to engage one or more digits of one or more hands of a user, the surface formed of an elastomeric material, and an input unit (118) configured to receive the transmitted first and second input signals.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.3237/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR THE OSCILLATION DAMPING OF A DRIVE TRAIN IN A WIND TURBINE, WIND TURBINE AND USE OF A BRAKING DEVICE

(51) International classification	:B23B
(31) Priority Document No	:EP11151847
(32) Priority Date	:24/01/2011
(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 :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY

(72)Name of Inventor :

1)WOHLLEB; MATTHIAS

(57) Abstract :

The invention relates to a method for the oscillation damping of a drive train (22) in a wind turbine (13), which drive train (22) connects a rotor (14) to a generator (45). In this case, parameter values (P, Pt0, Pt1) representing an oscillation (S) of the drive train (22) are calculated and, on the basis of the calculated parameter values (P, Pt0, Pt1), damping forces (D) which counteract the oscillation (S) of the drive train (22) are exerted in a controlled manner on the drive train (22) by means of a braking device (43). The invention further relates to a wind turbine (13) and to the use of a braking device (43). FIG: 4

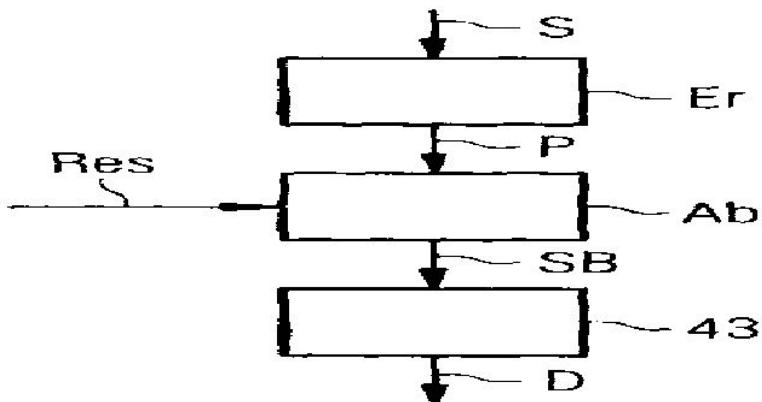


Fig: 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.3280/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITIONS COMPRISING LILIUM MARTAGON EXTRACTS AND USES THEREOF

(51) International classification

:C07D

(31) Priority Document No

:12/971,518

(32) Priority Date

:17/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)JOHNSON & JOHNSON CONSUMER COMPANIES,
INC.**

Address of Applicant :GRANDVIEW ROAD, SKILLMAN,
NJ 08558, U.S.A.

(72)Name of Inventor :

1)KHALID MAHMOOD

(57) Abstract :

Provided are compositions comprising an extract of Lilium martagon and a carrier. Also provided are methods of lightening the skin comprising the step of applying to skin in need of skin lightening treatment an extract of Lilium martagon.

No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.3281/DEL/2011 A

(43) Publication Date : 18/01/2013

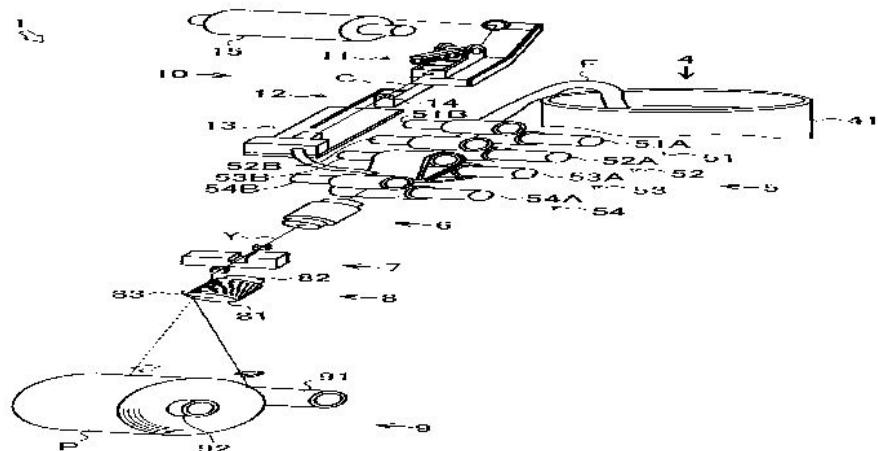
(54) Title of the invention : CORE YARN SUPPLYING DEVICE AND SPINNING MACHINE EQUIPPED WITH CORE YARN SUPPLYING DEVICE

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-283619	1)MURATA MACHINERY LTD.
(32) Priority Date	:20/12/2010	Address of Applicant :3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)AKIMOTO MASAHIRO 2)YAMAMOTO ATSUSHI
(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 :

An object of the invention is to provide a core yarn supplying device in which the core yarn can be reliably fed by the core yarn feeding section, and a spinning machine equipped with the core yarn supplying device. A core yarn supplying device of the present invention includes a core yarn feeding section for feeding a core yarn drawn out from a core yarn bobbin, a tension applying section for applying tension on the core yarn between the core yarn bobbin and the core yarn feeding section; and a tension slackening section for slackening the tension of the core yarn between the tension applying section and the core yarn feeding section. [MOST ILLUSTRATIVE DRAWING] FIG. 1

FIG. 1



No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.3300/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICE FOR PRESENTING DECORATIVE MATERIALS AND METHOD FOR OPERATING SUCH A DEVICE

(51) International classification	:H01G
(31) Priority Document No	:01994/10
(32) Priority Date	:19/11/2010
(33) Name of priority country	:Switzerland
(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)**LAESSER AG**

Address of Applicant :HOHENEMSERSTRASSE 17, 9444
DIEPOLDSAU, SWITZERLAND

(72)Name of Inventor :

1)**FRANZ LAESSER**

(57) Abstract :

A method for operating a device (23) for presenting decorative materials, such as a sequin or soutache feed device, provides that for coupling with a drive unit of an embroidery machine, the entire device is moved from a rest position into an embroidery position in which a drive wheel of the device comes into engagement with a stationary drive shaft, and for decoupling the device is moved from the embroidery position into a rest position in which the drive wheel is out of engagement with the stationary drive shaft. A device (23) for implementation of the method is fitted with an actuator (27) and comprises fixing means (43, 53) which engage firstly on the actuator (27) and secondly on the carrier profile (25) so that on activation of the actuator (27), the device can be moved from a rest position into an embroidery position in which the drive wheel is coupled with a stationary drive shaft provided on the embroidery, sewing or quilting machine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.3367/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MOLD BORING METHOD, MOLD BORING TOOL AND MOLD BORING APPARATUS

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-265670	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611 JAPAN.
(32) Priority Date	:29/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KAWAMURA NAOYA 2)GOKAKU HIROYUKI 3)MITSUI NORIYUKI 4)IWAMOTO MASAO 5)ASANO HIDEKAZU 6)IMURA SATOMI
(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	

(57) Abstract :

Holes are formed to a mold by using a mold boring apparatus including a mold boring tool having a flow passage that is formed inside of the mold boring tool and allows a fluid to flow therethrough, a plurality of slits and a plurality of protruding portions that are formed on an outer peripheral portion of an outer body of a tool blade member of the mold boring tool in a circumferential direction thereof so as to extend from a leading end to a base end of the tool blade member, and a plurality of blades that are inclined inward and are respectively formed at leading ends of the protruding portions formed between the adjacent slits. The fluid such as air is introduced from the support pipe into the flow passage of the tool blade member of the mold boring tool when the mold boring tool is moved in an axial direction thereof to be stuck into sand of the mold, and the hole is formed in the mold while the blades of the mold boring tool act to collapse the sand of the mold to an inner side of the tool blade member of the boring tool, and the sand collapsed by the blades is discharged to an outside of the mold through the slits by an action of the fluid flowing from the flow passage into the slits.

No. of Pages : 41 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.3307/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AMORPHOUS TRANSFORMER CORE

(51) International classification	:G11C	(71) Name of Applicant :
(31) Priority Document No	:10193977.5	1)ABB TECHNOLOGY AG
(32) Priority Date	:07/12/2010	Address of Applicant :AFFOLTERNSTRASSE 44, 8050
(33) Name of priority country	:EUROPEAN UNION	ZURICH, SWITZERLAND
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MARTIN CARLEN
(87) International Publication No	:NA	2)MARCOS BOCKHOLT
(61) Patent of Addition to Application Number	:NA	3)BENJAMIN WEBER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an amorphous transformer core (20, 40, 60) comprising at least one transformer core disc (10, 32, 34, 42, 44, 62, 64, 80) with a multiplicity of layers of strip-like amorphous core material (12, 22, 24, 90) arranged concentrically around at least one winding window (14, 16, 82, 84, 86, 88). At least one heat dissipating plate (26, 30, 46, 66, 68) extends into the interior of the amorphous transformer core (20, 40, 60) and is fed from there into at least one heat exchange region (28, 48, 50, 74) outside the amorphous transformer core (20, 40, 60). This enables an improved dissipation of heat energy which is produced inside the amorphous transformer core (20, 40, 60).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.3373/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ADHESIVE COMPOSITIONS

(51) International classification	:H01K	(71) Name of Applicant :
(31) Priority Document No	:61/425,444	1)ROHM AND HAAS COMPANY
(32) Priority Date	:21/12/2010	Address of Applicant :100 INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA, 19106, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)PANKAJ VINUBHAI SHAH
Filing Date	:NA	2)KEVIN MIYAKE
(87) 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 :

There is provided an adhesive composition comprising (a) one or more polyisocyanate, (b) one or more polyol, and (c) one or more plasticizer, wherein the amount of excess monomeric polyisocyanate is 5% or less by weight based on the weight of said composition. Also provided is process for making a laminate, said process comprising applying a layer of that adhesive composition to a polymer film, contacting said layer with a second polymer film, and then curing said adhesive composition or allowing said adhesive composition to cure. Further provided is a laminate made by such a process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.3399/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SECURITY AND/OR VALUABLE DOCUMENTS WITH A TOP LAYER WITH A SCRATCH-RESISTANT FINISH

(51) International classification	:C09D	(71) Name of Applicant :
(31) Priority Document No	:10193719.1	1)BAYER MATERIALSCIENCE AG
(32) Priority Date	:03/12/2010	Address of Applicant :51368 LEVERKUSEN, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)JOACHIM PETZOLDT
Filing Date	:NA	2)MEHMET-CENGIZ YESILDAĞ
(87) International Publication No	:NA	3)GEORGIOS TZIOVARAS
(61) Patent of Addition to Application Number	:NA	4)NA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a security and/or valuable document containing a scratch-resistant coating obtained from a lacquer composition comprising I) from 12 to 70 parts by wt. of a C2-C12-diol diacrylate or C2-C12-diol dimethacrylate, II) from 12 to 40 parts by wt. of an alkoxyLATED mono-, di-, tri-, tetra-, penta- or hexaacrylate or alkoxyLATED mono-, di-, tri-, tetra-, penta- or hexamethacrylate, III) from 0 to 40 parts by wt. of a monomer selected from the group consisting of pentaerythritol triacrylate, pentaerythritol tetraacrylate, dipentaerythritol tetraacrylate, dipentaerythritol pentaacrylate, dipentaerythritol hexaacrylate, pentaerythritol trimethacrylate, pentaerythritol tetramethacrylate, dipentaerythritol tetramethacrylate, dipentaerythritol pentamethacrylate, dipentaerythritol hexamethacrylate, reaction products thereof with aliphatic or aromatic diisocyanates, and mixtures thereof, IV) from 5 to 60 parts by wt. of a further mono-, di- or triacrylate or mono-, di- or trimethacrylate, and further comprises V) from 0.1 to 10 parts by wt. of a photoinitiator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.3439/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BRIDGE ASSEMBLY FOR MACHINE AND MACHINE HAVING SUCH BRIDGE ASSEMBLY

(51) International classification	:H01J
(31) Priority Document No	:201020662566.8
(32) Priority Date	:07/12/2010
(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)CATERPILLAR INC.

Address of Applicant :100 N.E. ADAMS STREET PEORIA,
ILLINOIS 61629, U.S.A.

(72)Name of Inventor :

1)CHENG, MOUZHAO

2)GAO, YONGJUN

3)ZHOU, KUN

(57) Abstract :

The present utility model relates to a bridge assembly (10) of a machine, comprising a cross bar (11) having a central axis, a first bracket (19) pivotally connected to the cross bar (11) and a first swing-control device (21) respectively and swinging in an extension direction of the central axis of the cross bar, and a second bracket (12) pivotally connected to the first bracket (19) and a second swing-control device (22) respectively and swinging in a direction perpendicular to the swinging direction of the first bracket (19), wherein the first bracket (19) comprises spaced-apart first pivot seat plates (191), the second bracket (12) and/or the first swing-control device (22) are pivotally connected to the first pivot seat plates so that the second bracket (12) and/or the first swing-control device (22) are pivotally connected to the first bracket (19). The present utility model further relates to a machine having the bridge assembly. FIGURE 2

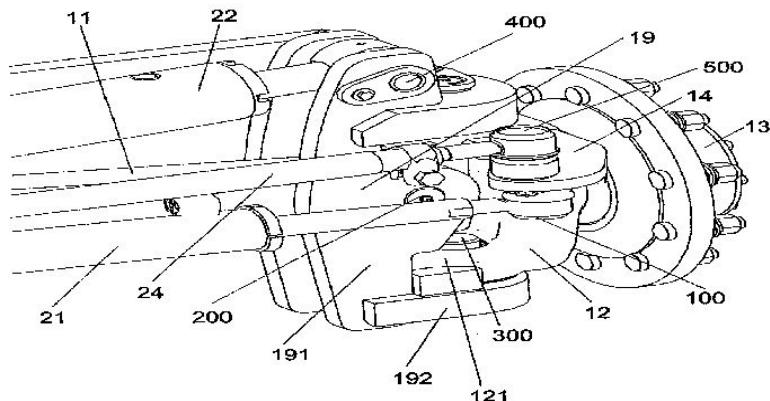


FIGURE 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.3430/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMBINED FIRE EXTINGUISHING SYSTEM

(51) International classification

:H01S

(31) Priority Document No

:1020955.9

(32) Priority Date

:09/12/2010

(33) Name of priority country

:U.K.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

A fire suppression system includes a divert valve downstream of a fire suppressant source. The divert valve is selectively movable between an initial first position which communicates extinguishing agent into a first distribution network and a second position which communicates extinguishing agent into a second distribution network.

No. of Pages : 16 No. of Claims : 22

(71)Name of Applicant :

1)KIDDE TECHNOLOGIES, INC.

Address of Applicant :4200 AIRPORT DRIVE NW,
WILSON, NORTH CAROLINA 27896, U.S.A.

(72)Name of Inventor :

1)ADAM CHATTAWAY

2)ROBERT G. DUNSTER

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.3455/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A RESPIRATORY CONDITION ANALYSIS APPARATUS

(51) International classification	:A61B	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	273635	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:08/12/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)MOTOTSUGU ABE
Filing Date	:NA	2)CHIKA MYOGA
(87) International Publication No	:NA	3)MASAYUKI NISHIGUCHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A respiratory condition analysis apparatus includes a respiratory signal acquisition section configured to acquire a time-series respiratory signal including respiratory sound of a living body, a respiratory segment identification section configured to identify a respiratory segment that is a time segment including the respiratory sound in the respiratory signal, a feature value generation section configured to generate a predetermined feature value of the respiratory signal for the identified respiratory segment, and a respiratory abnormality degree generation section configured to generate a degree of abnormality of the respiratory sound included in the respiratory signal on the basis of the feature value.

No. of Pages : 46 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.3456/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : STRETCH-BLOWING METHOD AND MACHINE

(51) International classification :H01S
(31) Priority Document No :102010062424.1
(32) Priority Date :03/12/2010
(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) KRONES AG

Address of Applicant : BOHMERWALDSTRASSE 5 93073
NEUTRAUBLING GERMANY

(72) Name of Inventor :

1)FINGER, DIETER

(57) Abstract :

In a method for stretch-blowing containers of preforms (P) in a blow-molding station (4) of a blow-molding machine (1), a stretching bar (15) is adjusted during a stretching process via an electric servomotor (16) by taking along the preform bottom (B) until it contacts a mold cavity bottom (FB) of a blow mold (26), wherein in the final phase or at the end or after termination of the stretching process the force transmitted by the servomotor (16) to the stretching bar (15) is reduced in a controlled manner by a maximum force. In the stretch-blowing machine (1), an electronic programmable control unit (20, 40) comprises an input section (18, 18a, 18b) for programming a fixed or a variable reduction of the force the servomotor (16) transmitted in a final phase or upon termination or after termination of each stretching process to the stretching bar (15) with regard to a maximum force and a fixed or a variable period of time for the force reduction and/or a fixed or a variable force reduction waiting time. (Fig. 1)

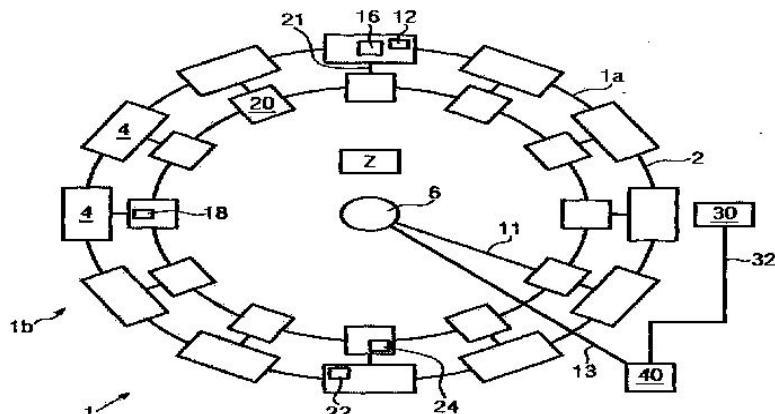


FIG. 1

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.3458/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AIRCRAFT TAKEOFF WEIGHT CALCULATING METHOD AND SYSTEM

(51) International classification	:H01S
(31) Priority Document No	:10425366.1
(32) Priority Date	:01/12/2010
(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)AGUSTAWESTLAND S.P.A

Address of Applicant :520, VIA GIOVANNI AGUSTA,
FRAZIONE CASCINA COSTA, SAMARATE ITALY.

(72)Name of Inventor :

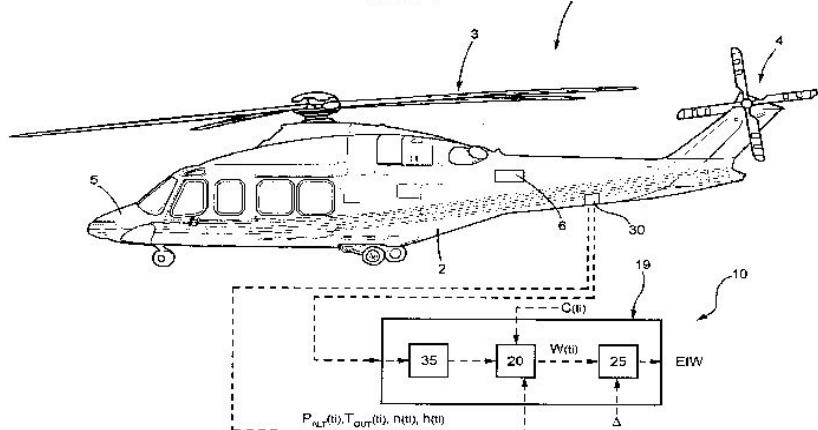
1)MANCIN SIRO

2)MOLINARO ROSANNA

(57) Abstract :

A method of calculating the takeoff weight (EIW) of an aircraft (1), characterized by including the steps of : recording a first and second value (W(tl), W(t2), W(t3), ..., W(ti), ..., W(tn)) of a first quantity associated with the weight of the aircraft (1) at at least a first and second instant (tl, t2, t3, ..., ti, ..., tn) , in which the aircraft (1) is in horizontal flight at constant height; and calculating the takeoff weight (EIW) of the aircraft (1) on the basis of the first and second value (W(tl), W(t2), W(t3), ..., W(ti), ..., W(tn)). (Figure 1)

FIG. 1



No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3472/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ASYMMETRIC SLOTTED WAVEGUIDE AND METHOD FOR FABRICATING THE SAME.

(51) International classification	:G01H	(71) Name of Applicant :
(31) Priority Document No	:61/419,464	1)BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRATION INC.
(32) Priority Date	:03/12/2010	Address of Applicant :P.O. BOX 868, NHQ1-719, NASHUA, NH 03061-0868, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)POMERENE, ANDREW TS
Filing Date	:NA	2)REINHARDT, WESLEY D
(87) International Publication No	:NA	3)HILL, CRAIG M.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An asymmetric slotted waveguide and method for fabricating the same. The slotted waveguide is constructed in silicon-on-insulator using a Complementary metal-oxide-semiconductor (CMOS) process. One or more wafers can be coated with a photo resist material using a photolithographic process in order to thereby bake the wafers via a post apply bake (PAB) process. An anti-reflective coating (TARC) can be further applied on the wafers and the wafers can be exposed on a scanner for the illumination conditions. After a post exposure bake (PEB), the wafers can be developed in a developer using a puddle develop process. Finally, the printed wafers can be processed using a shrink process to reduce the critical dimension (CD) of the slot and thereby achieve an enhanced asymmetric slotted waveguide that is capable of guiding the optical radiation in a wide range of optical modulation applications using an electro-optic polymer cladding.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.3460/DEL/2011 A

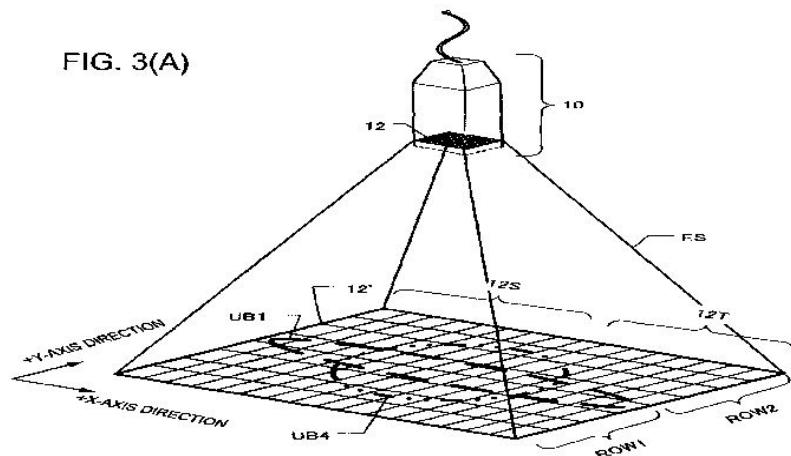
(43) Publication Date : 18/01/2013

(54) Title of the invention : FLEXIBLE APERTURE SHAPE FOR E4D

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:2010-272123	1)GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC
(32) Priority Date	:07/12/2010	Address of Applicant :3000 NORTH GRANDVIEW BOULEVARD, WAUKESHA, WI 53188-1696 U.S.A.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)AMEMIYA SHINICHI
(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 :

An ultrasound probe (10) connected to an ultrasound diagnostic apparatus (100) transmits an ultrasound beam to a target object. The ultrasound probe (10) includes: a switching unit (16) including a N/2 number (wherein N is a natural number) of channels, each channel switches to a first pole and a second pole; first transducer elements (12S) having the N/2 number, connected to the first pole and placed in two-dimension, wherein a placement is defined in x-axis and y-axis; and second transducer elements (12T) having the N/2 number, connected to the second pole and placed in two-dimension, wherein the placement is defined in x-axis and y-axis. The placement of a channel number of the first transducer elements (12S) and the placement of the channel number of the second transducer elements (12T) differ in x-axis and y-axis.



No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.3462/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VEHICLE KNEE BOLSTER

(51) International classification	:B23B
(31) Priority Document No	:2010-270611
(32) Priority Date	:03/12/2010
(33) Name of priority country	:Japan
(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)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant :1, TOYOTA-CHO, TOYOTA-SHI,
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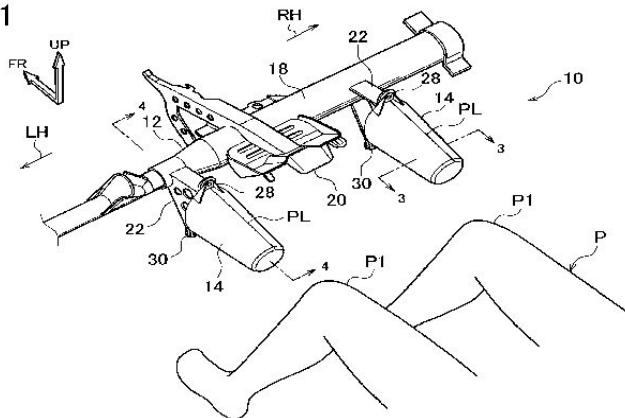
(72)Name of Inventor :

1)FUJIWARA YUSUKE

(57) Abstract :

A resin energy-absorbing member (14) that constitutes a vehicle knee bolster is formed in an elliptical shape in cross-section when viewed from a metal bracket (22) at a dashboard reinforcement (12), and is formed in a shape of a tube one end of which opens toward the metal bracket (22) and the other end of which is closed. The energy-absorbing member (14) is fixed to the fixed portion (22), at both end sides of an opening edge in the direction of the major axis of the elliptical cross-section. When crushing under load from a knee (P1) of an occupant (P) in the event of a vehicle collision, etc., the energy-absorbing member (14) dynamically changes its sectional shape, thereby dispersing stress. Thus, it is possible to prevent breaking of the energy-absorbing member (14), thereby stabilizing the load-displacement characteristic. Further, it is possible to increase the length of the energy-absorbing member (14), thereby reducing the length of the metal bracket (22). Selected drawing: FIG. 1

F I G . 1



No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3478/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HITCH ASSEMBLY FOR A MACHINE AND THE MACHINE USING THE SAME

(51) International classification :B63C
(31) Priority Document No :201020678460.7
(32) Priority Date :15/12/2010
(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)CATERPILLAR INC.

Address of Applicant :100 N.E. ADAMS STREET, PEORIA,
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(72)Name of Inventor :

1)LIU, CUICUI
2)WEISS, MARK
3)LIU, JUNZHI
4)ZHAO, YUNSHENG
5)MA, SHIQUN
6)BAO, XUYUAN

(57) Abstract :

The present disclosure relates to a hitch assembly for a machine, comprising a first hitch assembly part and a second hitch assembly part connected with the former, wherein the first hitch assembly part is configured to have a cylindrical structure portion, the cylindrical structure portion is rotatably connected to a first frame of the machine in axial direction of the cylindrical structure portion, such that the first frame and a second frame of the machine connected with the former via the hitch assembly can be rotated with respect to each other. In particular, the first and second frames may be a non-engine end frame and an engine end frame of the machine respectively. The present hitch assembly is easy to be produced and assembled, and effectively allows different frames of the machine to be rotated or swung with respect to each other. The present disclosure also relates to a machine having such a hitch assembly, especially a landfill compactor. FIGURE 1

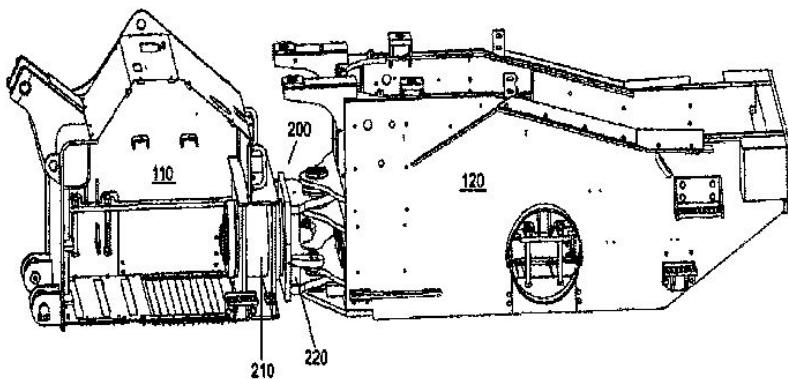


FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3479/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : GUARD FOR A WORK MACHINE AND WORK MACHINE THEREWITH

(51) International classification :B63C
(31) Priority Document No :201020678422.1
(32) Priority Date :15/12/2010
(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)CATERPILLAR INC.

Address of Applicant :100 N.E. ADAMS STREET PEORIA,
ILLINOIS 61629, U.S.A.

(72)Name of Inventor :

1)WEISS, MARK

2)WANG, GUANGRONG

3)LIU, CUICUI

4)ZHAO, YUNSHENG

(57) Abstract :

The present utility model provides a guard for a work machine, comprising a frame formed by a plurality of walls and defining an opening at the bottom, and further comprising a plurality of guard plates fixedly connected to the bottom of the walls so that a closing surface is formed to seal the opening, wherein each guard plate includes a connecting plate and a sealing plate extending from the connecting plate, and wherein the sealing plate overlaps at least a portion of the connecting plate of an adjacent guard plate. The guard is particularly applied to work machines such as garbage compactor and etc. The present utility model also relates to a work machine comprising such a guard. FIGURE 1.

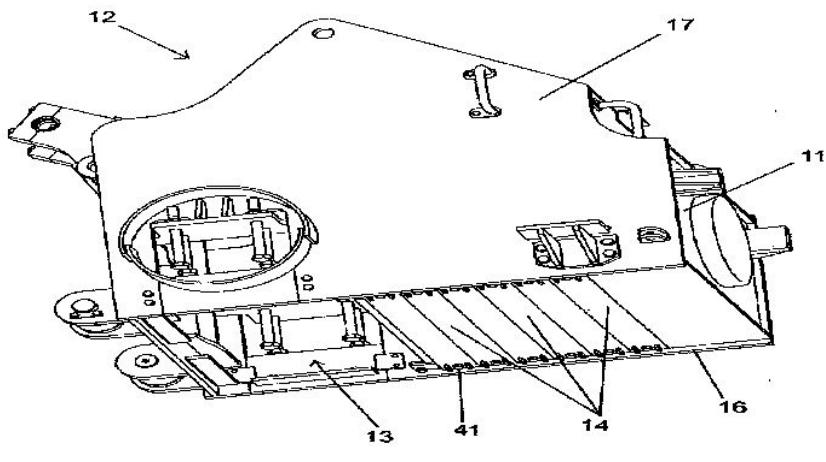


FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.34/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR BRAKING IN A WIND TURBINE

(51) International classification

:B23B

(31) Priority Document No

:12/984039

(32) Priority Date

:04/01/2011

(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)GENERAL ELECTRIC COMPANY

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NEW YORK 12345, U.S.A.

(72)Name of Inventor :

**1)NIES, JACOB JOHANNES
2)SUBRAMANIAN, SHANMUGA-PRIYAN
3)LINDBERG, MIKAEL
4)CRUDEN, KRISTINA ANNE
5)ROMANO, ARTHUR LAWRENCE**

(57) Abstract :

A braking system for a wind turbine (100) is provided. The system includes one or more motors (411-416) for driving a part of the wind turbine, a first group of brakes (421,423, 425) for braking the part of the wind turbine, and a second group of brakes (422, 424, 426) for braking the part of the wind turbine. The first group of brakes is in a normally closed condition and the second group of brakes is in a normally open condition, so that a default brake torque can be selectively chosen that is less than a maximum brake torque.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.3466/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : Gasification Quench Chamber Baffle

(51) International classification	:H01R
(31) Priority Document No	:12/957,086
(32) Priority Date	:30/11/2010
(33) Name of priority country	:U.S.A.
(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)General Electric Company

Address of Applicant :1 River Road Schenectady New York
12345 U.S.A.

(72)Name of Inventor :

1)KLOCKOW Helge Burghard Herwig

2)SHUFON Kevin James

(57) Abstract :

A gasification quench chamber baffle (310 350) is disclosed. An Embodiment of the baffle (3 10 350) includes a ring (3 18 360) that has a predominantly vertical longitudinal axis; several pipes (354) are attached to the ring (318 360) where each pipe (354) has an upper end (358) and a lower end. The lower ends of the pipes (354) extend downwards towards a sump in a gasification quench chamber (300). Additionally there are gussets (314 356) that are configured to guide water towards the upper ends (358) of the pipes (354). A quench chamber (300) that used the baffle (3 10 350) is also disclosed.

No. of Pages : 53 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3468/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A POWER STORAGE APPARATUS HAVING A BATTERY UNIT

(51) International classification	:H01R	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	274381	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:09/12/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)TATSUYA ADACHI
Filing Date	:NA	2)EIJI KUMAGAI
(87) 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 power storage apparatus having a battery unit housed in a case includes external terminals of positive and negative poles for providing, from outside the case, electrical connection to corresponding positive and negative poles of the battery unit; and electronic parts, wherein only when a connection with the battery unit is cut from at least one of the external terminals of both the poles, the electronic parts can be accessed.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3481/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICES AND METHODS FOR LOCALLY REPLACING SEAL SURFACE

(51) International classification

:B63C

(31) Priority Document No

:12/970,030

(32) Priority Date

:16/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HYDRIL USA MANUFACTURING LLC

Address of Applicant :3300 N. SAM HOUSTON PARKWAY
EAST, HOUSTON, TEXAS 77032 U.S.A.

(72)Name of Inventor :

1)REYES SALVADOR

(57) Abstract :

Devices and methods useable for repairing seal surfaces in an oil and gas installation used at offshore locations are provided. A removable device useable for locally repair a seal surface of a receiver plate, includes a rigid portion and a seal. The rigid portion is made of a material substantially similar to a material of the receiver plate, and is configured to be removably inserted in a fluid port of the receiver plate, having a seal surface flushed with the seal surface of the receiver plate when the device is inserted in the fluid port, and a channel configured to allow a fluid communication. The seal is made of a rubber-like material and is placed outside the rigid portion, the seal being configured to prevent a fluid leak.

No. of Pages : 20 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3482/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SUPERSONIC COMPRESSOR AND METHOD OF ASSEMBLING SAME

(51) International classification

:B63C

(31) Priority Document No

:12/971,521

(32) Priority Date

:17/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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(72)Name of Inventor :

1)DEVI RAVINDRA GOPALDAS

2)HOFER DOUGLAS CARL

3)NAGEL ZACHARY WILLIAM

4)HOLMES DAVID GRAHAM

(57) Abstract :

A supersonic compressor (10) includes a fluid inlet (26), a fluid outlet (28), a fluid conduit (32) extending therebetween, and a supersonic compressor rotor (40) disposed within the fluid conduit. The rotor includes a rotor disk (48) that includes a substantially cylindrical body (50) extending between a radially inner (56) and outer surface (58) and a plurality of vanes (46) coupled to the body that extend radially outward from the rotor disk, adjacent vanes form a pair. The rotor disk further includes a shroud (200) extending about the rotor disk. The shroud is coupled to at least a portion of each of the plurality of vanes. The radially outer surface, the pair of adjacent vanes, and the shroud are oriented such that a fluid flow channel (80) is defined therebetween. The rotor disk also includes a plurality of adjacent supersonic compression ramps (98) positioned within the fluid flow channel.

No. of Pages : 55 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.3428/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICE AND METHOD FOR REMOVING AN OBJECT FROM A PACKAGE

(51) International classification	:H01S
(31) Priority Document No	:102010063892.7
(32) Priority Date	:22/12/2010
(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)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART, GERMANY

(72)Name of Inventor :

1)HAAG, HEIKO

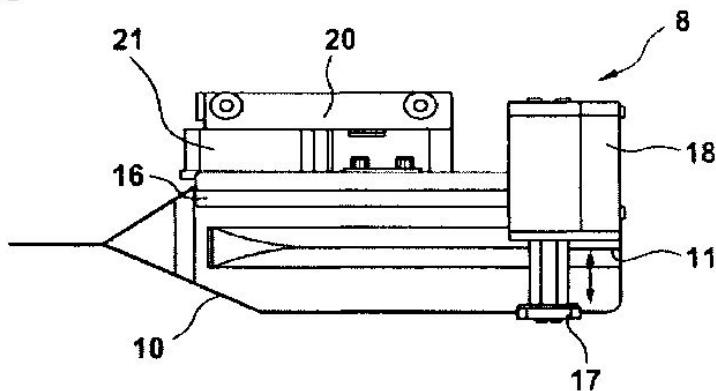
2)BECK, JUERGEN

3)KONRAD, JENS

(57) Abstract :

Described herein is a device for removing an object (12) from a package (10). The device includes at least one holding unit (18) to hold at least one side flap (11) of the package (10), and includes at least one squeezing unit (22) to remove the object (12) for removing from the package (10). Fig. 1

Fig. 1



No. of Pages : 11 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.3429/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING A STATE VARIABLE OF A VEHICLE BATTERY

(51) International classification	:H01S
(31) Priority Document No	:102010063054.3
(32) Priority Date	:14/12/2010
(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)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART, GERMANY

(72)Name of Inventor :

1)MOTZ, JUERGEN

2)WOLF, MICHAEL

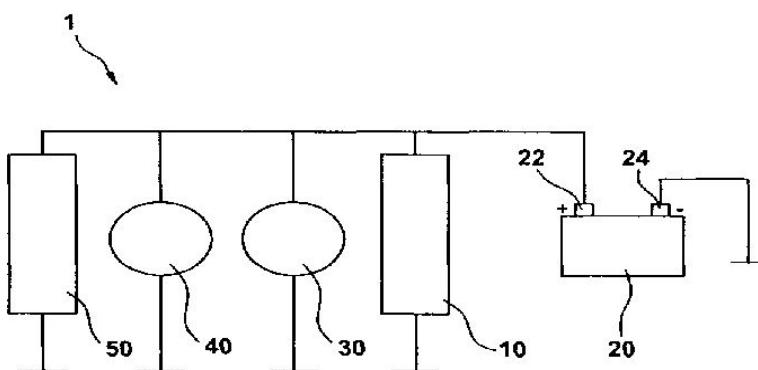
3)KOENIGSMANN, MARTIN HOLGER

4)BARANY, GABOR

(57) Abstract :

Described herein is a method for determining a state variable of a vehicle battery, wherein the state variable (R_i , U_o) to be determined is correlated with a current charge state of the vehicle battery (20). The method includes generating a current pulse (I_p) with a defined time duration and storing the current pulse (I_p) in the vehicle battery (20); determining a resulting voltage course (U_{res}); and evaluating the resulting voltage course (U_{res}) to determine an internal resistance (R_i) of the vehicle battery (20) as the state variable.

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3469/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HEAT EXCHANGER

(51) International classification	:H01R	(71) Name of Applicant :
(31) Priority Document No	:2010-270500	1)DENSO CORPORATION Address of Applicant :1-1 SHOWA-CHO, KARIYA-CITY, AICHI-PREF. 448-8661, JAPAN
(32) Priority Date	:03/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)MITSUYOSHI SAITOU 2)HIROYASU SHIMANUKI 3)MOTOHIRO SHIRAI 4)U OU 5)HIROSHI HAMADA 6)YOSHIO BANNO
(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	

(57) Abstract :

A heat exchanger includes a plurality of tubes (111), a header tank (120), and a brazing material passage (121e, 121f, 124f, 125a). The plurality of tubes is arranged one after another in a stacking direction. The header tank is placed at a longitudinal end portion of the tubes and extends in the stacking direction of the tubes. The tubes are inserted into the header tank and are brazed to the header tank with a brazing material being melted at time of brazing the tubes and the header tank. The header tank has the brazing material passage that guides the melted brazing material to a connection between the tubes and the header tank.

No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3471/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD OF INTEGRATING SLOTTED WAVEGUIDE INTO CMOS PROCESS.

(51) International classification	:G01H	(71) Name of Applicant :
(31) Priority Document No	:61/419,457	1)BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRATION INC.
(32) Priority Date	:03/12/2010	Address of Applicant :P.O. BOX 868, NHQ1-719, NASHUA, NH 03061-0868, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)POMERENE, ANDREW TS
Filing Date	:NA	2)HILL, CRAIG M.
(87) International Publication No	:NA	3)CONWAY, TIMOTHY J.
(61) Patent of Addition to Application Number	:NA	4)OCHELTREE, STEWART L.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for integrating a slotted waveguide into a CMOS process is disclosed. A slot can be patterned on a SOI wafer by etching a first pad hard mask deposited over the wafer. The slot is then filled with a plug material by depositing a second pad hard mask over the first pad hard mask. A waveguide in association with one or more electronic and photonic devices can also be patterned on the SOI wafer. The trenches can be filled with an isolation material and then polished. Thereafter, the first and second pad hard masks can be stripped from the wafer. The slot can once again be filled with the plug material and patterned. After forming one or more electronic and photonic devices on the wafer using the standard CMOS process, a via can be opened up down to the nitride plug and the nitride plug can then be removed.

No. of Pages : 31 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.3489/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD OF INSTALLING OXYGEN-CONSUMING ELECTRODES IN ELECTROCHEMICAL CELLS AND AN ELECTROCHEMICAL CELL

(51) International classification	:B63C	(71) Name of Applicant :
(31) Priority Document No	:102010062803.4	1)BAYER MATERIALSCIENCE AG
(32) Priority Date	:10/12/2010	Address of Applicant :51368 LEVERKUSEN, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)ANDREAS BULAN
Filing Date	:NA	2)RAINER WEBER
(87) International Publication No	:NA	3)HELMUT LOCHHAAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for the installation of oxygen-consuming electrodes in electrochemical cells includes sealing one or more oxygen-consuming electrodes in an electrochemical half cell having damaged regions and/or overlap regions and applying a sealing paste. The sealing paste includes silver oxide, a hydrophobic polymer component, and a perfluorinated or partially fluorinated solvent. The method may be used, in particular, for chloralkali electrolysis. An electrochemical cell, having one or more adjoining oxygen-consuming electrodes with damaged and/or overlap regions sealed with a sealing paste having silver oxide, a hydrophobic polymer component, and a fluorinated solvent, is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3483/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : WIRELESS LOCATION-BASED SYSTEM FOR DETECTING HAZARDOUS CONDITIONS

(51) International classification	:B63C
(31) Priority Document No	:12/959250
(32) Priority Date	:02/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HONEYWELL INTERNATIONAL INC.

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(72)Name of Inventor :

1)PATRICK S. GONIA

2)SOUMITRI KOLAVENNNU

3)CLEOPATRA CABUZ

(57) Abstract :

A method and apparatus are provided for estimating the location of a portable device. The method includes the steps of providing a plurality of location anchor transceivers and a plurality of enhanced location anchor transceivers within a region, each of the plurality of location anchor transceivers and enhanced location anchor transceivers operating from respective predetermined locations, a portable transceiver within the region detecting and measuring a signal parameter of a signal from at least some of the plurality of location anchor transceivers and enhanced location anchor transceivers within the region, a location engine determining a location of the portable transceiver based upon the signal measurements of the portable transceiver and the respective predetermined locations of the plurality of location anchor transceivers and enhanced location anchor transceivers within the region, each of the plurality of enhanced location anchor transceivers detecting and measuring a signal parameter of a signal from at least some of the plurality of location anchor transceivers and other enhanced location anchor transceivers, the location engine receiving the measured signal parameters from each of the plurality of enhanced location anchor transceivers, the location engine calculating an estimated location for each of the plurality of enhanced location anchor transceivers from the measured signal parameters and the location engine calculating a location error for each of the plurality of enhanced location anchor transceivers based upon the estimated location and predetermined location of the enhanced location anchor transceiver.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3484/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICE FOR HARDENING A MECHANICAL PROPULSION SYSTEM CONNECTION FOR A MORTAR ROUND AND ROUND COMPRISING SUCH A CONNECTION

(51) International classification	:B63C
(31) Priority Document No	:10 04718
(32) Priority Date	:03/12/2010
(33) Name of priority country	:France
(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)TDA ARMEMENTS SAS

Address of Applicant :ROUTE D'ARDON, 45240 LA FERTE SAINT AUBIN, FRANCE

(72)Name of Inventor :

1)PATRICK COHE

2)BERTRAND DUBOIS

3)FABIEN MOREAU

(57) Abstract :

The invention relates to a self-propelled munition intended to be fired against a target, comprising, a munition (10) having a munition rear body (50) of circular cylindrical shape of diameter D1, along a longitudinal axis ZZ', a propulsion system (20) of the munition (10) having a casing (30) in the form of a tube of circular cross section, of axis of revolution coincident with the longitudinal axis ZZ', the casing (30), having an internal surface (31) of the same diameter D1 as the munition (12) rear body (50), being able to slide over said munition rear body (50), the casing (30) containing a pyrotechnic propulsion chamber (33) intended to be activated upon firing. The munition comprises a first mechanical connection between the propulsion system and the munition using a number of shear pins (70) evenly distributed about the longitudinal axis ZZ', a second mechanical connection known as the hardened mechanical connection having a ring groove (56) around the munition rear body (50) in a plane perpendicular to the longitudinal axis ZZ', another ring groove (90) on the internal surface (31) of the propulsion system casing (30), a retaining ring (58) inserted in the ring groove (56), the retaining ring (58) being configured to expand into the other ring groove (90) from the diameter D1 to a diameter D4 that is greater than the diameter D1 in order to secure the propulsion system to the munition. Figure: 1a

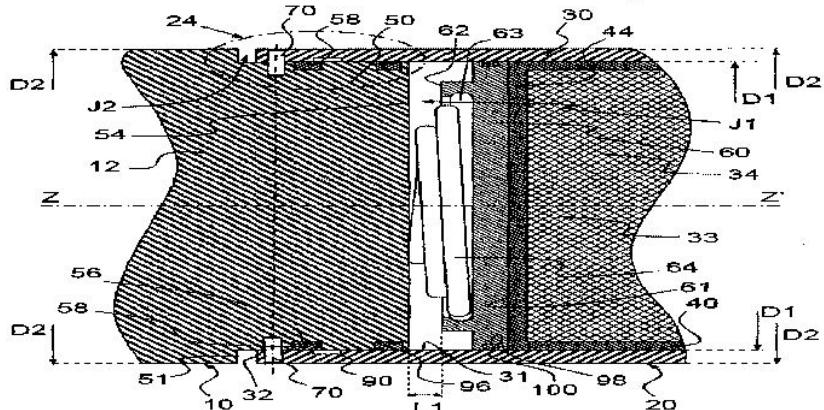


FIG.1a

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3536/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NEW POLYMERIC BEAD COMPOSITIONS

(51) International classification

:C09F

(31) Priority Document No

:61/428,955

(32) Priority Date

:31/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ROHM AND HAAS COMPANY

Address of Applicant :100 INDEPENDENCE MALL WEST,
PHILADELPHIA, PENNSYLVANIA, 19106, U.S.A.

(72)Name of Inventor :

1)JAMES C. BOHLING

2)JOSE ANTONIO TREJO-O'REILLY

(57) Abstract :

The present invention is a polymeric bead composition. More particularly the present invention is directed to a new polymeric bead composition formed by suspension polymerization processes from a phosphorous acid containing monomers.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.3520/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : YARN WINDING DEVICE

(51) International classification	:H01K	(71) Name of Applicant :
(31) Priority Document No	:2011-013382	1)MURATA MACHINERY LTD.
(32) Priority Date	:25/01/2011	Address of Applicant :3 MINAMI OCHIAL-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)TANIGAWA YASUNOBU 2)NAMIKAWA TETSUYA
(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 :

A yarn winding device includes a winding section for winding a package; a traverse guide , driven independent from drive of the package , for traversing a yarn Y to be wound into the package; and a traverse detection section , arranged at a central part of a traverse width of the traverse guide , for detecting presence or absence of the yarn Y.

No. of Pages : 44 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.3522/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TREATMENT OF ATRIAL FIBRILLATION USING HIGH-FREQUENCY PACING AND ABLATION OF RENAL NERVES

(51) International classification	:C07D
(31) Priority Document No	:61/420,047
(32) Priority Date	:06/12/2010
(33) Name of priority country	:U.S.A.
(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)BIOSENSE WEBSTER, INC.

Address of Applicant :3333 DIAMOND CANYON ROAD,
DIAMOND BAR, CA 91765, U.S.A.

(72)Name of Inventor :

1)ROBERT W. PIKE, JR.

(57) Abstract :

A method for the treatment of a patient for the purpose of lowering blood pressure and/or treating cardiac arrhythmias, particularly atrial fibrillation includes the insertion of an ablation catheter into the lumen of a renal artery. The ablation catheter is equipped with an electrode that can stimulate the wall tissue in the renal artery to help identify the location of a renal nerve. High-frequency stimulation of the renal nerve causes a decrease in the blood pressure of the patient thereby indicating that a renal nerve is nearby. The ablation catheter is used to ablate the renal nerve using radiofrequency, ultrasound, microwave energy or cryogenic cooling. An irrigated ablation catheter may be used to decrease damage to cells in the wall of the lumen of the renal artery other than the renal nerve, such as the endothelial cells. In order to treat atrial fibrillation an ablation catheter would be used to isolate one or more pulmonary veins in order to reduce propagation of the aberrant electrical signals capable of producing atrial fibrillation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.3523/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AXLE MOUNTING ARRANGEMENT FOR A WORK MACHINE

(51) International classification

:B41J

(31) Priority Document No

:201020678417.0

(32) Priority Date

:15/12/2010

(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)CATERPILLAR INC.

Address of Applicant :100 N.E. ADAMS STREET PEORIA
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(72)Name of Inventor :

**1)WEISS MARK
2)WANG GUANGRONG
3)LIU CUICUI
4)ZHAO YUNSHENG
5)BAO XUYUAN**

(57) Abstract :

The present utility model relates to an axle mounting arrangement for a work machine comprising: a machine frame (10) having opposite sidewalls (11 12) with openings (21 22) formed thereon correspondingly; and brackets (31 32) which fixedly connect the axle to the machine frame and make the axle extend through the openings (21 22) formed on the sidewalls correspondingly. According to the present utility model the axle can be arranged within a casing formed by the machine frame such that the axle is not affected by external working environment. This arrangement is particularly beneficial for work machines such as landfill compactor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3540/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR INHIBITING NITROSAMINE FORMATION IN ANION EXCHANGE RESINS

(51) International classification

:B23M

(31) Priority Document No

:61/427,899

(32) Priority Date

:29/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 DOW CENTER, MIDLAND,
MICHIGAN 48674, U.S.A.

(72)Name of Inventor :

1)CHRIS RAYMOND EICHER

2)HARLAN ROBERT GOLTZ

3)DARYL JOHN GISCH

(57) Abstract :

A method for inhibiting formation of nitrosamines and an anion exchange resin produced therefrom comprising providing an anion exchange resin with a nitrosating agent and mixing a cation exchange resin with the anion exchange resin to inhibit formation of nitrosamines on the anion exchange resin.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3541/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMAGING LENS AND IMAGING APPARATUS

(51) International classification	:B23M	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	278527	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:14/12/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)HIDEAKI OKANO
Filing Date	:NA	
(87) 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 imaging lens includes: an aperture stop; a first lens having a positive refractive power; a second lens having a negative refractive power which is formed in a concave shape on both sides thereof; a third lens having a positive refractive power which is formed in a meniscus shape in which a concave surface is directed toward the side of an object; and a fourth lens having a negative refractive power in which a convex surface is directed toward the object side, which are sequentially disposed from the object side to the image side, wherein the imaging lens satisfies the following conditional expressions (1), (2), (3) and (4): (1) $0.40 < f_1/|f_2| < 0.80$ (2) $0.10 < f/f_3 < 0.80$ (3) $0.20 < f/|f_4| < 1.00$ (4) $vdl - vd2 > 25$.

No. of Pages : 100 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3477/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM, DEVICE, AND METHOD FOR ESTIMATING POSSIBLE POWER OUTPUT OF WIND TURBINES

(51) International classification	:H01L
(31) Priority Document No	:12/961269
(32) Priority Date	:06/12/2010
(33) Name of priority country	:U.S.A.
(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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NEW YORK 12345, U.S.A.

(72)**Name of Inventor :**

1)MORJARIA, MAHESH A

2)GUJJAR, VINEEL

(57) Abstract :

A device for use in calculating a possible power output of a wind turbine (100) is provided. The device includes a sensor interface (220) configured to receive an operating condition and a power output at a plurality of first times from one or more sensors associated with a wind turbine, a memory device (210) coupled in communication with the sensor interface and configured to store a series of performance data samples that include an operating condition and a power output, and a processor (205) coupled in communication with the memory device and is programmed to calculate a transfer function relating power output to the operating condition based at least in part on the series of performance data samples, and calculate a possible power output based on the transfer function and an operating condition received by the sensor interface at a second time.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.3498/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SPAR ASSEMBLY FOR A WIND TURBINE ROTOR BLADE

(51) International classification

:G01K

(31) Priority Document No

:12/964877

(32) Priority Date

:10/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Abstract :

A spar assembly (102) for a rotor blade (100) of a wind turbine (10) is disclosed. The spar assembly (102) may generally include a first spar cap (124) and a second spar cap (126) spaced apart from the first spar cap (124) such that a cross-sectional area (136) is defined directly between the first and second spar caps (124, 126). Additionally, the spar assembly (102) may include a web (128) having a first end (146) disposed adjacent to the first spar cap (124) and a second end (148) disposed adjacent to the second spar cap (126). The web (128) may be configured such that at least a portion of an inner surface (158) of the web (128) is disposed outside of the cross-sectional area (136).

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

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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(72)Name of Inventor :

1)BELL, ERIC LEE

2)LIVINGSTON, JAMIE

3)GANN, MATTHEW G.

4)GERBER, BRANDON SHANE

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3543/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTRONIC DEVICE, BATTERY PACK, AND METHOD OF COMPUTING BATTERY PACK CAPACITY

(51) International classification

:C09D

(31) Priority Document No

:P2010-

278148

(32) Priority Date

:14/12/2010

(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)SONY CORPORATION

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TOKYO, JAPAN

(72)Name of Inventor :

1)RYOICHI NAKASHIMA

2)RYOTA HASHIZUME

3)JIRO MORIYA

4)YUKIO TSUCHIYA

5)JUNYA YAMADA

6)TAKASHI MUTOU

(57) Abstract :

An electronic device includes a battery capacity computing unit configured to compute the current full-charge capacity of a currently inserted battery apparatus having secondary cells. The battery capacity computing unit acquires at least information on the full-charge capacity of the battery apparatus in a brand-new state and information on the battery charge/discharge cycle count from the battery apparatus, retains a correction coefficient used when computing the current full-charge capacity of the battery apparatus, and calculates the current full-charge capacity of the battery apparatus using the information on the full-charge capacity of the battery apparatus in a brand-new state, the information on the battery charge/discharge cycle count, and the correction coefficient.

No. of Pages : 58 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3548/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FIXATION CLAMP WITH THUMBWHEEL

(51) International classification	:B91G	(71) Name of Applicant :
(31) Priority Document No	:EP10194944	1)STRYKER TRAUMA SA
(32) Priority Date	:14/12/2010	Address of Applicant :BOHNACKERWEG 1, 2545
(33) Name of priority country	:EUROPEAN UNION	SELZACH, SWITZERLAND
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DOMINIK, ROBERT
(87) International Publication No	:NA	2)BUSCH, ADAM
(61) Patent of Addition to Application Number	:NA	3)DORAWA, KLAUS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fixation clamp (10), more particularly for use in an external fixation system for holding bone fragments adjacent to each other with the help of fixation elements, comprising at least one clamping assembly (20, 30) having at least one reception (71, 72, 73) to accommodate a fixation element along the longitudinal axis of the reception (71, 72, 73) and at least one locking element (40) extending through the clamping assembly (20, 30) which locking element (40) provides a clamping force to clamp the fixation element upon tensioning the locking element (40). The fixation clamp (10) comprises an actuation element (90) which is in connection with the locking element (40) such that the locking element (40) is actuateable by means of the actuation element (90), and the actuation element (90) is designed such that it is detachable from the locking element (40) after use and that remounting onto the locking element (40) is prevented after having detached the actuation element (90) from the locking element (40).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.3490/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD

(51) International classification	:B63C	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	276645	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:13/12/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)MICHITOMO KOUDA
Filing Date	:NA	2)TATSUNOBU KOIKE
(87) International Publication No	:NA	3)YUU SONODA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An image processing apparatus includes an operation receiving unit; and a control unit configured to perform a normal mode display process of displaying icon images of kinds corresponding to an operation status of the apparatus in a display unit and an icon description display process of displaying an icon selection image for selecting an icon image that is being displayed in the display unit upon reception of an operation input to activate an icon description mode by the operation receiving unit during the normal mode display process in the display unit and displaying a description image for an icon image selected upon reception of an operation input by the operation receiving unit while the icon selection image is being displayed in the display unit.

No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.3491/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ACTIVE RADAR SYSTEM AND METHOD

(51) International classification	:B63C	(71) Name of Applicant :
(31) Priority Document No	:10 194 746.3	1)SONY CORPORATION
(32) Priority Date	:13/12/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU TOKYO
(33) Name of priority country	:EUROPEAN UNION	108-0075, JAPAN
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RICHARD STIRLING-GALLACHER
(87) International Publication No	:NA	2)QI WANG
(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 relates to an active radar system (60) and a corresponding method . The proposed system comprises at least two transmit antennas (61, 62) that each transmits radiation to a scene as a transmit signal (T61, T62), said transmit signal comprising a series of frequency modulated pulses, at least one receive antenna (63, 64) that receives radiation from said scene as a receive signal (R61, R62), a controller (65) that controls said at least two transmit antennas (61, 62) such that the transmissions of the transmit signals (T61, T62) of the various transmit antennas are subsequently initiated with time offsets (To), which time offset (To) between two subsequently initiated transmissions of transmit signals (T61, T62) is controlled to be larger than the time delay (At) between transmission of a first transmit signal (T61) of said two transmit signals and reception of radiation of said first transmit signal by said at least one receive antenna and to be smaller than the time duration (Tb) of a complete frequency modulated pulse of said first transmit signal (T61), and a signal analyser (66) that analyses said receive signal (R61, R62).

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3549/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DRIVING DEVICE, LENS BARREL, AND IMAGE CAPTURING APPARATUS

(51) International classification	:B91G
(31) Priority Document No	:2010-271703
(32) Priority Date	:06/12/2010
(33) Name of priority country	:Japan
(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)NIKON CORPORATION

Address of Applicant :12-1, YURAKUCHO 1-CHOME
CHIYODA-KU, TOKYO 100-8331 JAPAN

(72)Name of Inventor :

1)ASHIZAWA, TAKATOSHI

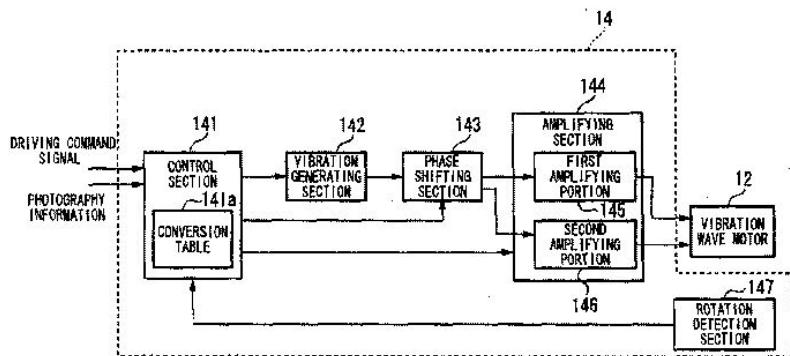
2)KUWANO, KUNIHIRO

3)KIMURA, MASAMITSU

(57) Abstract :

Provided is a lens barrel includes a vibration actuator that drives a focusing lens which brings a subject image into focus; an amplifying section that applies a pair of driving signals amplified to the vibration actuator; a phase shifting section that changes a phase difference between the pair of the driving signals; and a control section that, when a signal for giving an instruction to drive the vibration actuator is input, executes a first processing of causing the phase shifting section to perform an operation which periodically changes the phase difference of the pair of the driving signals. FIG. 4

FIG. 4



No. of Pages : 75 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3550/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYNTHETIC, DEFINED FIBRONECTIN MIMETIC PEPTIDES AND SURFACES MODIFIED WITH THE SAME

(51) International classification	:B91G
(31) Priority Document No	:61/420,818
(32) Priority Date	:08/12/2010
(33) Name of priority country	:U.S.A.
(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)BECTON, DICKINSON AND COMPANY

Address of Applicant :1 BECTON DRIVE FRANKLIN
LAKES NEW JERSEY 07417-1880 U.S.A.

(72)Name of Inventor :

1)DEEPA SAXENA

(57) Abstract :

The present invention discloses compositions for applications that mimic fibronectin coated surfaces. Advantageously, such compositions provide an animal free (xeno-free, and human-component-free), synthetic, chemically defined surface that mimics at least one of the functionalities of fibronectin.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3551/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS FOR CELL CULTURE USING A SYNTHETIC, DEFINED COLLAGEN MIMETIC SURFACE

(51) International classification	:B91G
(31) Priority Document No	:61/420,860
(32) Priority Date	:08/12/2010
(33) Name of priority country	:U.S.A.
(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 :**

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Address of Applicant :1 BECTON DRIVE FRANKLIN
LAKES NEW JERSEY 07417-1880 U.S.A.

(72)**Name of Inventor :**

1)DEEPA SAXENA

2)XIAOXI (KEVIN) CHEN

3)ELIZABETH J. ABRAHAM

(57) Abstract :

The present invention discloses methods for enhancing cell attachment, cell proliferation and cell function using a surface which mimics a collagen coated surface. Advantageously, such methods employ a xeno-free, synthetic, chemically defined surface.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3537/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD OF MAKING POLYMERIC BEAD FROM PHOSPHOROUS ACID CONTAINING MONOMERS

(51) International classification	:C07D
(31) Priority Document No	:61/428,940
(32) Priority Date	:31/12/2010
(33) Name of priority country	:U.S.A.
(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)ROHM AND HAAS COMPANY

Address of Applicant :100 INDEPENDENCE MALL WEST,
PHILADELPHIA, PENNSYLVANIA, 19106, U.S.A.

(72)**Name of Inventor :**

1)JAMES C. BOHLING

2)JOSE ANTONIO TREJO-O'REILLY

(57) Abstract :

The present invention is a method for making a polymeric bead by suspension polymerization processes from a phosphoric acid monoester.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3538/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ANION EXCHANGE RESINS HAVING CONTROLLED NITROSAMINE FORMATION

(51) International classification

:B23M

(31) Priority Document No

:61/427,902

(32) Priority Date

:29/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DOW GLOBAL TECHNOLOGIES LLC.

Address of Applicant :2040 DOW CENTER, MIDLAND,
MICHIGAN 48674, U.S.A.

(72)Name of Inventor :

1)CHRIS RAYMOND EICHER

2)DARYL JOHN GISCH

(57) Abstract :

An anion exchange resin produced comprising providing an anion exchange resin with a nitrosating agent and applying an antioxidant to the resin to inhibit formation of nitrosamines on the anion exchange resin.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3539/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR INHIBITING NITROSAMINE FORMATION IN ANION EXCHANGE RESINS

(51) International classification	:B23M	(71) Name of Applicant :
(31) Priority Document No	:61/427,892	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:29/12/2010	Address of Applicant :2040 DOW CENTER, MIDLAND, MICHIGAN 48674, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)CHRIS RAYMOND EICHER
Filing Date	:NA	2)DARYL JOHN GISCH
(87) 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 method for inhibiting formation of nitrosamines and an anion exchange resin produced therefrom comprising providing an anion exchange resin with a nitrosating agent and applying an antioxidant to the resin to inhibit formation of nitrosamines on the anion exchange resin.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3552/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR ASEPTIC FILLING

(51) International classification	:G11B
(31) Priority Document No	:102010062797.6
(32) Priority Date	:10/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)FEILNER, ROLAND

2)MAYR, STEPHAN

3)MARTINI, OLIVER

4)WEINZIERL, DR. MATTHIAS

(57) Abstract :

The invention relates to a method for the aseptic filling of a liquid food product that contains at least one solid particle, comprising the following steps: Disinfection of at least a part of the external surface of at least one first container which contains the solid particle, and disinfection of at least a second container, opening of the disinfected first container and removal of the solid particle, and filling of a disinfected second container with the solid particle and a liquid food. Furthermore, the invention relates to a device for the aseptic filling of a liquid food product that contains at least one solid particle, comprising at least one disinfection unit for disinfecting at least a part of the external surface of at least one first container which contains the solid particle, and for disinfecting at least one second container, at least one opening unit for opening the disinfected first container and for removing the solid particle, and at least one filling unit for filling a disinfected second container with a liquid food and the solid particle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3554/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : YARN CUTTING APPARATUS

(51) International classification

:H01S

(31) Priority Document No

:2010-

(32) Priority Date

277344 :13/12/2010

(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 :

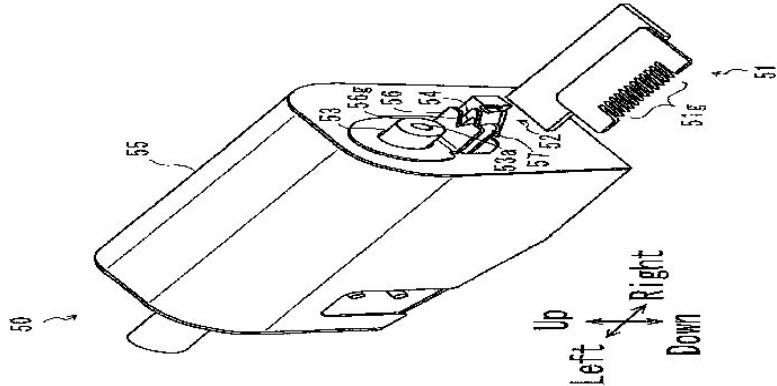
1)KINZO HASHIMOTO

2)AKINORI KISHINE

(57) Abstract :

A yarn cutting apparatus is provided that improves the workability of the yarn threading operation while securely cutting a plurality of yarns. [Means of Realizing the Object] A yarn cutting apparatus 50 is configured to cut a plurality of yarns Y and includes a yarn path regulating guide 51 configured to guide the plurality of yarns Y, a yarn shift guide 52 disposed further upstream than the yarn path regulating guide 51 so as to shift the yarns Y fed onto the yarn path regulating guide 51 to one direction, an aspirator 53 disposed further upstream than the yarn shift guide 52 so as to suck the yarns Y shifted by the yarn shift guide, and a cutter 54 disposed between the yarn shift guide 52 and the aspirator 53 so as to cut the yarns Y sucked by the aspirator 53. [Selected Drawing] FIG 3

FIG. 3



No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3556/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELEVATOR GROUP CONTROL DEVICE

(51) International classification	:H01S	(71)Name of Applicant :
(31) Priority Document No	:2010-279379	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN
(32) Priority Date	:15/12/2010	2)TOSHIBA ELEVATOR KABUSHIKI KAISHA
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)YUKINORI TONOSAKI 2)TOSHIAKI TANAKA 3)TOSHIO SUGIHARA 4)HISASHI YAMADA 5)YOSHIAKI MANABE 6)YOSHIHIRO TAKEDA 7)NORIMASA ASANO
(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 :

According to one embodiment, an elevator group control device includes elevator cars and the following units. The load detection unit detects, for each ascending or descending direction and each floor, a boarding load and an alighting load to output load data. The traffic demand determination unit determines a traffic demand based on the load data. The control algorithm storage unit stores one or more control algorithm candidates in association with each of reference traffic demands. The control algorithm evaluation unit selects, for respective reference traffic demands, optimum control algorithms from the control algorithm candidates by evaluating the control algorithm candidates based on operation data. The control algorithm acquisition unit acquires an optimum control algorithm based on a reference traffic demand coincident with the traffic demand. The car assignment unit assigns an elevator car in accordance with the first optimum control algorithm.

No. of Pages : 68 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3557/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELEVATOR SYSTEM

(51) International classification

:B03F

(31) Priority Document No

:2010-

(32) Priority Date

274183

:09/12/2010

(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)YOSHIKAWA TOSHIFUMI

2)FURUHASHI MASAYA

3)FUKATA HIRONORI

4)OKAMURA KIYOSHI

5)INOUE SHINSUKE

6)MATSUDO TAKASHI

(57) Abstract :

An elevator system controls running of the car (21) by detecting a door open fault of the car door (21) provided in the car (20). The elevator system includes a car position detector (27) which checks at each floor whether the car (21) is positioned in a door unlocking zone where the car door (21) can open and a safety controller (10) which calculates the door gap length of the car door (21) according to a signal of the door position detector (24) which detects a movement of the door (21). When the car position detector (27) has detected that that the car (20) is positioned other than the door unlocking zone where the door can open, the running of the car (20) is controlled according to the door gap length.

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3570/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SWITCHGEAR

(51) International classification

:B23B

(31) Priority Document No

:2010-

(32) Priority Date

282532

:20/12/2010

(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 : 6-6, MARUNOUCHI 1-CHOME,
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(72)Name of Inventor :

1)KIKUKAWA SHUICHI

2)TSUCHIYA KENJI

3)MORITA AYUMU

4)TAKAHASHI KEIICHI

5)NA

6)NA

7)NAQ

(57) Abstract :

It is an object to provide a switchgear capable of alleviating burden to a manager. In order to solve the aforementioned problem, the switchgear according to the present invention includes a plurality of compatible switch units each provided in a housing and closing/interrupting/ground functions so that the plurality of switch units are connected to supply power to the load side.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3571/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELEVATOR SYSTEM

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-279448	1)HITACHI LTD.
(32) Priority Date	:15/12/2010	Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8280, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)NISHINO KATSUNORI 2)OSUGA SHIGEYUKI 3)KANAYAMA YASUHIRO
(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 :

An elevator system is configured in such a manner that an under-cage base disposed under a cage is shaped like a box capable of reserving water, and a feed pipe having one end disposed in an in-cage operation board and the other end connected so as to be able to feed water to the under-cage base and a drain pipe having one end connected to a lower portion of the under-cage base and the other end connected to a stop valve are provided so that when, for example, the cage is emergently stopped at the uppermost floor for some reason, a hose connected to a general water faucet on the outside is connected to the one end of the feed pipe to feed water into the under-cage base to give a weight difference between the cage and a balance weight and then a brake of a hoist machine is released by a brake releasing unit to thereby move down the cage. Thus, it is possible to provide an elevator system having a simple structure capable of forcedly and safely moving down a cage emergently stopped at the uppermost floor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3572/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AUGER FOR GAS AND LIQUID RECOVERY FROM REGOLITH

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/974,253	1)HAMILTON SUNDSTRAND CORPORATION
(32) Priority Date	:21/12/2010	Address of Applicant :ONE HAMILTON, ROAD, WINDSOR LOCKS, CT 06096 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)ANDREW J. ZILLMER
Filing Date	:NA	2)CHENG-YI LU
(87) 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 resource recovery system includes a capture container located at a desired surface defining a capture volume between the surface and an interior of the capture container. One or more hole-making devices are located in the capture container to excavate soil from at least one hole in the surface. A heater located in the hole making device heats the excavated soil, releasing one or more compounds from the excavated soil. The capture container is configured to capture gas and/or liquid compounds released from the excavated soil. A method of resource extraction from soil includes covering a desired surface with a capture container defining a capture volume between the desired surface and an interior of the capture container. Soil is excavated from a hole in the desired surface into the capture volume with an auger. The auger heats the excavated soil thereby releasing one or more compounds into the capture volume.

No. of Pages : 10 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3542/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HANDLEBAR SUPPORT STRUCTURE IN SADDLE-RIDE TYPE VEHICLE

(51) International classification	:B23M
(31) Priority Document No	:2011-004000
(32) Priority Date	:12/01/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)HONDA MOTOR CO., LTD.

Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
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(72)Name of Inventor :

1)MEGUMU OKADA

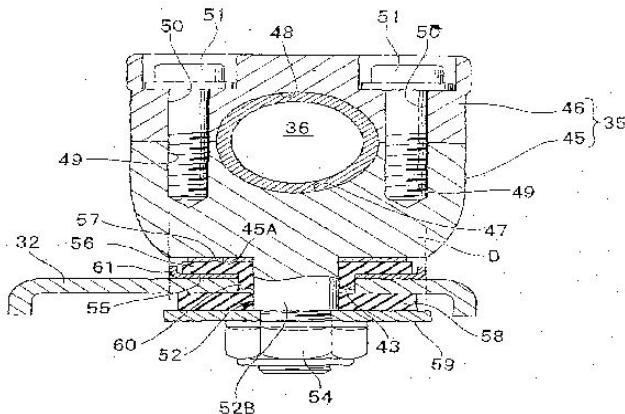
2)YOSHINORI KOYAMA

3)SHUNPEI KIDA

(57) Abstract :

An upper mount rubber 56, which is an elastic member, is placed between an under holder 45 supporting a handlebar pipe 3 6 and a top bridge 32. The under holder 45 is supported in a floating manner on the top bridge 32 through the upper mount rubber 56. On the top bridge 32 is arranged a handlebar-holder washer 55, which is a restricting member, that surrounds the outer periphery of the upper mount rubber 56 in order to restrict the deformation of the mount rubber 56. [Selected Drawing] Fig. 3

FIG. 3



No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3558/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TRACKED SYSTEM WITH VARIABLE GEOMETRY

(51) International classification	:B03F
(31) Priority Document No	:TO2010A000999
(32) Priority Date	:15/12/2010
(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

(71)Name of Applicant :

1)OTO MELARA SPA

Address of Applicant :VIA VALDILOCCHI, 15, I- 19136 LA SPEZIA, ITALY

(72)Name of Inventor :

1)GLOVANNI LA SPINA

(57) Abstract :

A tracked system (10) with variable geometry comprising: a track (11), which comprises a portion (11p) having a respective first area (a1), the portion (11p) being, in use, in contact with the ground or the road surface; at least one driving wheel (12), which is coupled to the track (11) and is suited to provide a driving force for the rotation f the track (11); and at least one driven wheel (13), which is coupled to the track (11); the tracked system (10) comprises actuator means (14), which are suited to vary the geometry of part of the track (11); the actuator means (14) comprising an intervention configuration, in which they configure the portion (11p) of the track (11) on at least one second area (a2) which, in use, is in contact with the ground.

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3559/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICE AND METHOD FOR ANALYZING THE DENSITY OF A BEAM OF CHARGED PARTICLES

(51) International classification

:B03F

(31) Priority Document No

:10 60194

(32) Priority Date

:07/12/2010

(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

(57) Abstract :

The invention relates to a device and method for analyzing the current density in an incident beam F of charged particles, using a rotary target 2 pierced with holes 7. Such a device and the associated processing means make it possible to reconstruct a 3D image of the current density without using a tomographic method. Figure 1

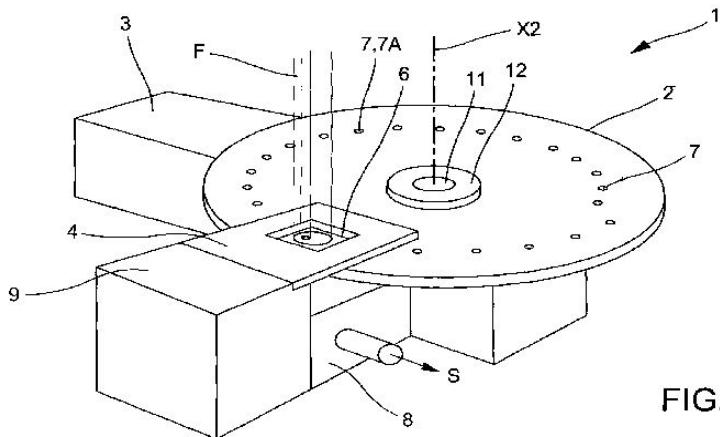


FIG. 1

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.3560/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ARMED VEHICLE WITH IMPROVED STRUCTURE

(51) International classification	:B03F
(31) Priority Document No	:TO2010A001012
(32) Priority Date	:17/12/2010
(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

(71)Name of Applicant :

1)OTO MELARA SPA

Address of Applicant :VIA VALDILOCCHI, 15 - I-19136 LA SPEZIA, ITALY

(72)Name of Inventor :

1)ANDREA CHIAPPINI

2)MANUEL D'EUSEBIO

(57) Abstract :

An armed vehicle (10) with improved structure comprising a hull (11), which, in use, is suited to house one or more men, a plurality of means for the movement on the ground, and an armed turret (30), which is positioned on top of an upper part of said hull (11); the armed vehicle (10) comprises an interface structural element (11s), which is cold-added; the interface structural element (Us) constitutes an interface element between the hull (11) and the armed turret (30).

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3576/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : QUICK-CHANGE SYSTEM AND OPERATING METHOD FOR A CONTAINER PROCESSING MACHINE

(51) International classification	:B23B
(31) Priority Document No	:102010063243.0
(32) Priority Date	:16/12/2010
(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)KRONES AG

Address of Applicant :BOHMERWALDSTRASSE 5 93073
NEUTRAUBLING, GERMANY

(72)Name of Inventor :

1)BLOCHMANN, ERIK

2)STERNKOPF, BERNHARD

(57) Abstract :

In a quick-change system for machine elements (E) that are exchangeable depending on the product in a machine (M) carrying out an operating sequence with products, particularly in a container processing machine in which the machine element (E) can be brought into a target position (X) manually or by means of a changer in an exchange direction (26) in a holder (2) and can be localised in the target position (X) by a securing unit (P1) comprising at least one securing element (S), at least a second securing unit (P2) is provided with which the machine element that either has not been brought into the target position (X) or that has moved out of the target position (X) can be localised in a securing position (Y) that differs from the target position (X). According to the method, the securing position (Y) is detected and evaluated as grounds for a corrective action before commencing operation or during the operating sequence before a corrective action is initiated and executed. (Fig. 1)

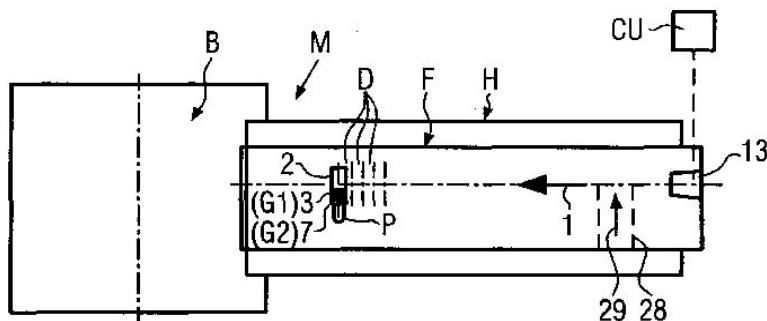


FIG. 1

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3565/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMAGING APPARATUS, ELECTRONIC APPARATUS, PHOTOVOLTAIC CELL, AND METHOD OF MANUFACTURING IMAGING APPARATUS

(51) International classification	:G01S	(71) Name of Applicant :
(31) Priority Document No	:P2010-279359	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:15/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)NOBUYUKI KUBOI 2)KAZUHIRO HONGO
(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	

(57) Abstract :

An imaging apparatus includes: an imaging unit in which a plurality of pixels receiving incidence light on a light receiving face are disposed in an imaging region of a substrate, wherein the pixel includes a thermocouple device group in which a plurality of thermocouples are aligned along the light receiving face, wherein, in the thermocouple device group, the plurality of thermocouples are arranged so as to be separated from each other such that the light receiving face has a grating structure, and wherein the thermocouple device group is disposed such that the incidence light is incident to the grating structure so as to cause plasmon resonance to occur on the light receiving face, and an electromotive force is generated due to a change in the temperature of a portion of the thermocouple device group, at which the plasmon resonance occurs, in each of the plurality of thermocouples.

No. of Pages : 132 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3581/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR DETECTING A BLADE PITCH ANGLE UNBALANCE OF A ROTOR BLADE SYSTEM OF A WIND TURBINE

(51) International classification	:H01S
(31) Priority Document No	:EP11157466
(32) Priority Date	:09/03/2011
(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 :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY

(72)Name of Inventor :

1)FRYDENDAL; IB

2)RIEPEL; JOHNNY

(57) Abstract :

Method and arrangement for detecting a blade pitch angle unbalance of a rotor blade system of a wind turbine It is described a method and an arrangement for detecting a blade pitch angle unbalance of a rotor blade system of a wind turbine, the rotor blade system rotating around a rotor rotation axis, the method comprising: yawing the rotor rotation axis about a yawing axis transverse, in particular perpendicular, to the rotor rotation axis; obtaining a load signal (y) indicative of a load due to the yawing; analyzing the load signal regarding a frequency component (f1) of the load signal; and detecting the blade pitch angle unbalance based on the analyzed load signal. (figure 1)

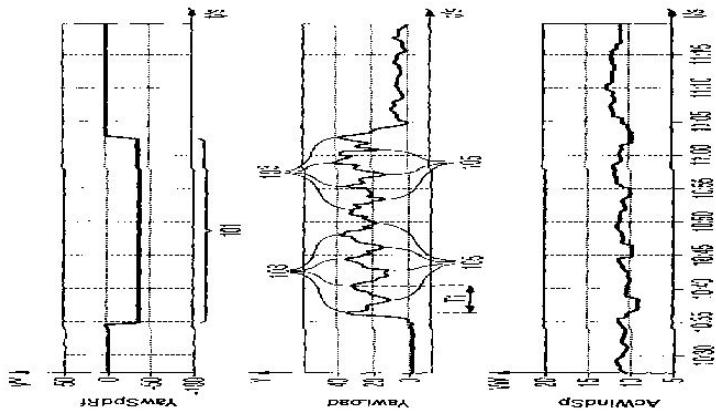


Fig : 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3582/DEL/2011 A

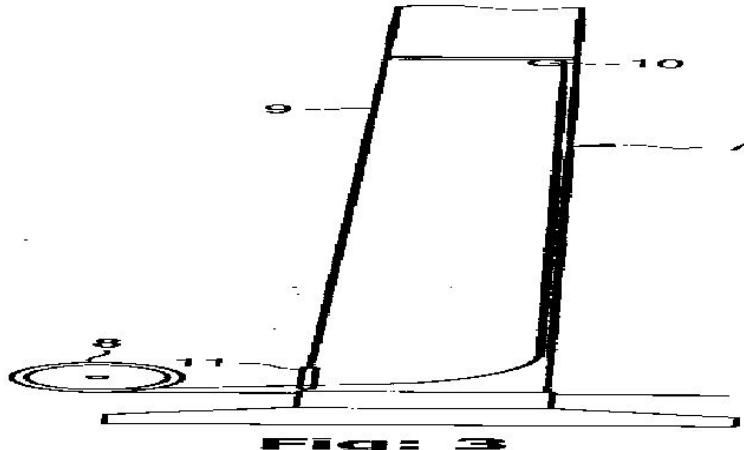
(43) Publication Date : 18/01/2013

(54) Title of the invention : ARRANGEMENT AND METHOD FOR INSTALLING CABLES

(51) International classification	:H01S	(71) Name of Applicant :
(31) Priority Document No	:EP11163910	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:27/04/2011	Address of Applicant :WITTELSBACHERPLATZ, 2, 80333
(33) Name of priority country	:EPO	MUNCHEN, GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VADSTRUP; ESBEN
(87) 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 arrangement for installing cables and to a method to install cables fastened to the arrangement. According to the invention at least one cable is fastened to a longitudinal structure. The longitudinal structure is prepared to absorb the tensile load of the cable. The longitudinal structure is prepared to be bend together with the cable around an obstacle of a construction while they are positioned in reference to the construction. Fig. 3



No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3583/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR SEPARATING FOREIGN POLYMERS FROM A POLYMER MIXTURE

(51) International classification	:C07F	(71) Name of Applicant :
(31) Priority Document No	:102010063601.0	1)KRONES AG
(32) Priority Date	:20/12/2010	Address of Applicant :B—HMERWALDSTR. 5 93073
(33) Name of priority country	:Germany	NEUTRAUBLING, GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)FRIEDLAENDER, THOMAS
(87) 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 a method of separating foreign polymers from a polymer mixture that comprises amorphous PET particles and crystalline PET particles, wherein the softening point of the foreign polymers is lower than that of the crystalline PET particles, and wherein the method comprises the steps of: separating the amorphous PET particles from the polymer mixture, heating the resulting polymer mixture to a temperature between the softening point of the foreign polymers and that of the crystalline PET particles, and separating the foreign polymers from the resulting polymer mixture. The invention furthermore relates to a device for separating foreign polymers from a polymer mixture that comprises amorphous PET particles and crystalline PET particles, wherein the softening point of the foreign polymers is lower than that of the crystalline PET particles, comprising: a first separation unit for separating the amorphous PET particles from the polymer mixture, a second separation unit with a heating device for separating the foreign polymers from the resulting polymer mixture.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3567/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : STIFFENING ELEMENT

(51) International classification	:B23B
(31) Priority Document No	:102010061157.3
(32) Priority Date	:10/12/2010
(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)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT
Address of Applicant :PORSCHEPLATZ 1, 70435
STUTTGART, GERMANY

(72)Name of Inventor :

1)THOMAS WEISS

(57) Abstract :

The present invention relates to a stiffening element for a motor vehicle, with at least one channel-shaped depression/bead which has at least two depth levels, that is to say has at least one stepped edge. By this means, better stiffening and a reduction in vibration can be obtained.

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3568/DEL/2011 A

(43) Publication Date : 18/01/2013

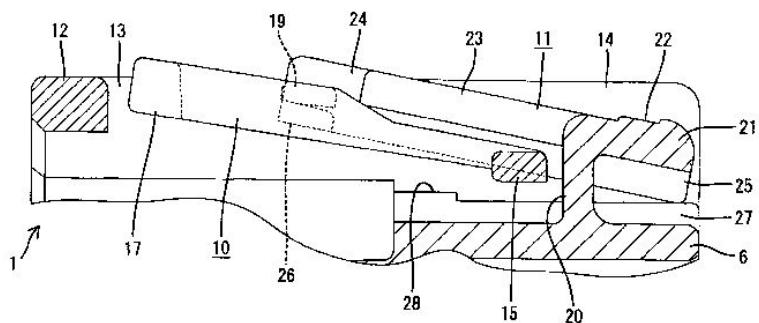
(54) Title of the invention : CONNECTOR

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:JP2010-279731	1)SUMITOMO WIRING SYSTEMS, LTD.
(32) Priority Date	:15/12/2010	Address of Applicant :1-14, NISHISUEHIRO-CHO, YOKKAICHI-CITY, MIE 510-8503, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)AKIRA SASHO 2)KIYOFUMI ICHIDA
(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 :

An object of the present invention is to reliably prevent excessive deformation of an unlock Arm. A lock arm 10 is provided on the upper surface of a female connector housing 1 and can pivot about hinge pieces 15. Further, an unlock arm 11 for releasing a locked state by the lock arm 10 is so provided on this upper surface as to pivot in the same direction with supporting legs 20 as a pivot point. Furthermore, on the upper surface of the female connector housing 1, a housing-side preventing portion 27 extends in forward and backward directions through a clearance between the supporting legs 20. Arm-side preventing portions 25 project at corresponding positions of the unlock arm 11 while extending in forward and backward directions. By this, the arm-side preventing portions 25 and the housing-side preventing portion 27 come into contact with each other at positions before or after the supporting legs 20 when the unlock arm 11 is pivoted in either direction with the supporting legs 20 as a pivot point, whereby excessive deformation of the unlock arm 11 is prevented in both directions. FIG. 7

FIG. 7



No. of Pages : 74 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3585/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEMS, METHODS, AND APPARATUS FOR DETECTING LIGHTNING STRIKES

(51) International classification

:B23B

(31) Priority Document No

:12/968461

(32) Priority Date

:15/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)IANNOTTI, JOSEPH ALFRED

2)KOSTE, GLAN

3)GAWRELSKI, RICHARD JOSEPH

4)DUFEL, KEVIN EARL

5)BIEL, PATRICK JAY

(57) Abstract :

Certain embodiments of the invention may include systems, methods, and apparatus for providing detecting lightning strikes.

According to an example embodiment of the invention, a method for determining a lightning strike event, classification, and location is provided. The method includes receiving lightning electrical current in least one down conductor, generating voltage and polarity signals based at least in part on the received lightning electrical current, storing the generated voltage and polarity signals, and determining the lightning strike event, classification, and location based at least in part on the stored voltage and polarity signals.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3586/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR OPERATION OF AN OFF-SHORE WIND TURBINE

(51) International classification	:B23B
(31) Priority Document No	:12/973315
(32) Priority Date	:20/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KOOIJMAN, HENK-JAN

2)BRAICKS, AXEL

(57) Abstract :

A method for operating an off-shore wind turbine and a wind-turbine (100) is provided. The off-shore wind turbine is at least temporarily situated in water (310) and includes a rotor with at least one rotor blade (108) and a pitch drive system (112) coupled to the at least one rotor blade. The pitch drive system is adapted for pitching the at least one rotor blade, wherein the wind turbine further includes a wind turbine control (200). The method includes determining at least one of a water condition; in dependence of the outcome of the determining, defining peak shaver settings; and pitching the at least one rotor blade according to the peak shaver settings. Furthermore, the wind turbine (100) has a sensor (302) adapted for measuring one of the water current speed, the water current direction and the water level at or close to the wind turbine.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3588/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS AND APPARATUS FOR SELECTING A BASE STATION TRANSCEIVER SYSTEM BASED ON SERVICE COMMUNICATION TYPE

(51) International classification	:B23B
(31) Priority Document No	:03255210.1
(32) Priority Date	:22/08/2003
(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	:1537/DEL/2004
Filed on	:19/08/2004

(71)Name of Applicant :

1)RESEARCH IN MOTION LIMITED

Address of Applicant :295 PHILLIP STREET, WATERLOO, ONTARIO, N2L 3W8 CANADA.

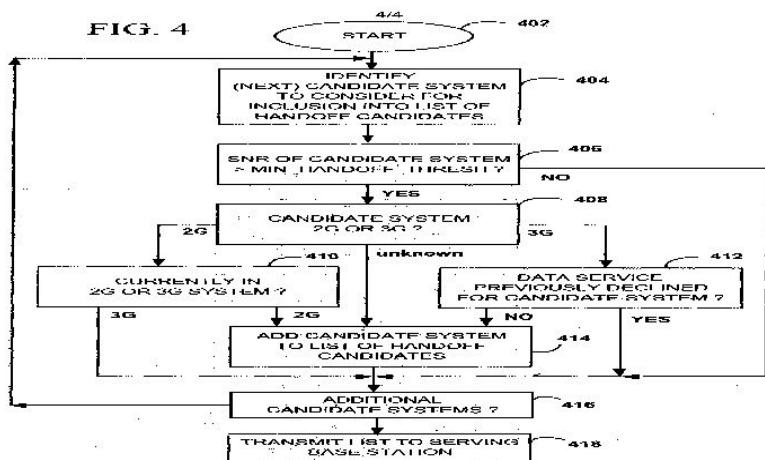
(72)Name of Inventor :

1)ISLAM MUHAMMAD KHALEDUL

2)HOSSAIN ASIF

(57) Abstract :

Methods and apparatus for selecting a base station transceiver system for communication with a Third Generation (3G) (or better) mobile station are described. In one illustrative example, one or more base station transceiver systems are identified for communication with the mobile station through a scanning process. A first base station transceiver system is identified as providing a Third Generation (3G) communication service or better, whereas a second base station transceiver system is identified as failing to provide the 3G or better communication service (e.g. it may provide a Second Generation (2G) communication service). The first system is selected for communication over the second system based at least in part on identifying that the second system fails to provide the 3G or better communication service. For example, the first system may be chosen over the second system if the first system has a signal quality that is better than a minimum threshold, even if its signal quality is worse than that of the second system. Advantageously, even if an available 2G system has a better signal quality, preference for an adequate 3G or better system is given to ensure that a preferred data service is made available to the mobile station.



No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3573/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : GAS AND LIQUID RECOVERY FROM REGOLITH

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/974,199	1)HAMILTON SUNDSTRAND CORPORATION
(32) Priority Date	:21/12/2010	Address of Applicant :ONE HAMILTON ROAD, WINDSOR LOCKS, CT 06096 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)ANDREW J. ZILLMER
Filing Date	:NA	2)CHENG-YI LU
(87) 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 resource recovery system includes a capture container located at a desired surface defining a capture volume between the surface and an interior of the capture container. One or more hole-making devices are configured to excavate soil from at least one hole in the surface. One or more energy emitters direct energy toward the excavated soil to heat the excavated soil thereby releasing one or more compounds. The capture container is configured to capture gas and/or liquid compounds released from the excavated soil. A method of resource extraction from soil includes covering a desired surface with a capture container defining a capture volume between the desired surface and an interior of the capture container. Soil is excavated from a hole in the desired surface into the capture volume. The excavated soil is heated via one or more energy emitters thereby releasing one or more compounds into the capture volume.

No. of Pages : 9 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3574/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HIGH TEMPERATURE HIGH FREQUENCY MAGNET WIRE AND METHOD OF MAKING

(51) International classification

:B23B

(31) Priority Document No

:12/968437

(32) Priority Date

:15/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

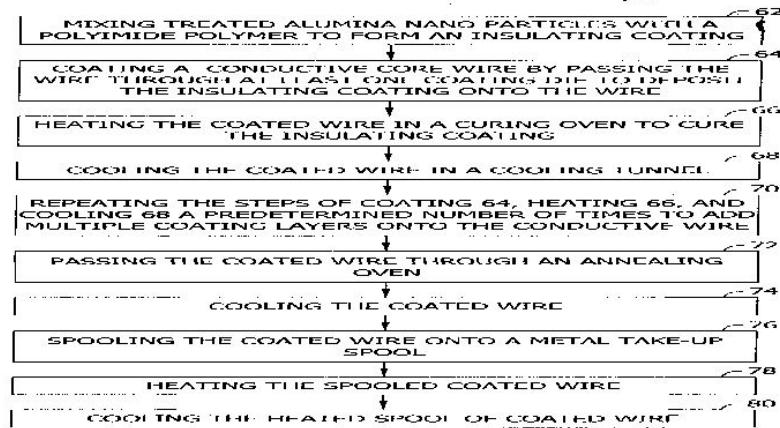
Filing Date

:NA

(57) Abstract :

A composite magnet wire (10) includes, in an exemplary embodiment, a metal wire (12) and a coating (14) applied to an outer surface (16) of the wire. The coating includes a polyimide polymer (18) and a plurality of alumina nano particles (20) dispersed in the polyimide polymer. The alumina nano particles have a surface treatment applied to outer surfaces of the alumina nano particles, where the surface treatment includes a phenyl-silane. The composite magnet wire has a thermal degradation temperature index of at least 300°C as calculated in accordance with ASTME1641 or D2307.

FIG. 3



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3575/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUS FOR FIXING OR GRIPPING WORKPIECES

(51) International classification

:B23B

(31) Priority Document No

:10 2011

(32) Priority Date

002614.2

(33) Name of priority country

:13/01/2011

: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)J. SCHMALZ GMBH

Address of Applicant :AACHER STRAE 29, GLATTEN
72293, GERMANY

(72)Name of Inventor :

1)STOCKBURGER, RALF

(57) Abstract :

An apparatus for fixing workpieces, in particular platelike workpieces, having at least one clamping bar and at least one block suction device for retaining the workpiece, the block suction device resting on the clamping bar and being displaceable on the clamping bar, in which a channel open on at least one side is provided in the clamping bar, and in which a pressure-carrying hose is laid in the channel, and one end of the hose communicates with the block suction device through the open side or slot of the channel.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.3592/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR ASSISTING IN MAINTENANCE OF A MOTOR VEHICLE

(51) International classification	:H01S	(71)Name of Applicant :
(31) Priority Document No	:10 2010	1)CONTINENTAL AUTOMOTIVE GMBH
	054 673.9	Address of Applicant :VAHRENWALDER STRAE 9,30165
(32) Priority Date	:15/12/2010	HANNOVER, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)FOKKELMAN, JORIS
Filing Date	:NA	2)MARTIN, BOLD
(87) 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 a method for assisting in maintenance of a motor vehicle having a vehicle drive motor and a drive energy storage means, which has a filling level measuring device, for the vehicle drive motor, with a request for a maintenance process on the motor vehicle being identified as a maintenance request by a self-monitoring device of the motor vehicle, and with the maintenance request WE being transmitted as a maintenance indication WHI to a driver of the motor vehicle by means of an information device which is arranged in the motor vehicle. In order to improve the ability of the driver to utilize the maintenance indication, the invention proposes that the maintenance indication is transmitted to the driver as a function of a switch-off filling level AF which is present when the vehicle drive motor is switched off and which is detected by the filling level measuring device, with the maintenance indication being transmitted when either the switch-off filling level is lower than a preset filling level threshold value FS or when a filling level difference between a switch-on filling level EF, which is present when the vehicle drive motor is subsequently switched on again and which is detected by the filling level measuring device, and the preceding switch-off filling level indicates a positive filling level value. (Figure 2)

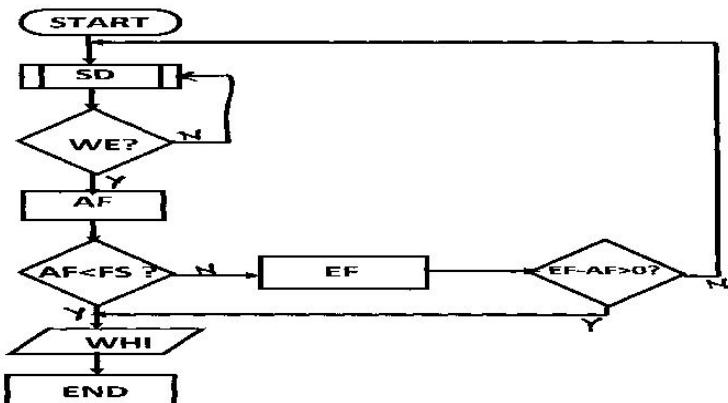


Fig: 2

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3584/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR DETERMINING DEFLECTION OF A WIND TURBINE SHAFT

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/967319	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:14/12/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)EGGLESTON, ERIC
Filing Date	:NA	
(87) 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 system (200,300) for determining deflection in a shaft (134) of a wind turbine (100), the wind turbine having a plurality of rotor blades (112) extending from a hub (110) coupled to the shaft is provided. The system includes an emitter (164) positioned adjacent a first portion of the shaft, the emitter configured to emit a light beam, a receiver (168) positioned adjacent a second portion of the shaft, the receiver configured to receive the light beam emitted from the emitter and determine a location where the light beam strikes the receiver, and a controller communicatively coupled to the receiver, the controller configured for determining deflection of the shaft based on the location on the receiver where the light beam strikes the receiver.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3618/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTRIC MACHINE HAVING AN INTEGRATED COOLANT LEVEL SENSOR

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:13/007,243	1)REMY TECHNOLOGIES, L.L.C.
(32) Priority Date	:14/01/2011	Address of Applicant :600 CORPORATION DRIVE, 2ND FLOOR PENDLETON, INDIANA 46064 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)FULTON, DAVID A.
(87) International Publication No	:NA	2)CHAMBERLIN, BRADLEY D.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric machine includes a housing having a coolant collection area, a stator mounted within the housing, a rotor assembly rotatably mounted within the housing relative to the stator, and a coolant level sensor arranged at the coolant collection area. The coolant level sensor includes a sensing surface configured and disposed to detect a level of coolant collected in the coolant collection area.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3632/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTRIC MOTOR VEHICLE HAVING A DISPLAY DEVICE

(51) International classification	:H02J
(31) Priority Document No	:10 2010 055 797.8
(32) Priority Date	:23/12/2010
(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)CONTINENTAL AUTOMOTIVE GMBH

Address of Applicant :VAHRENWALDER STRAE 9, 30165
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(72)Name of Inventor :

1)HOLMER-GEERT GRUNDMANN

2)HANNES LUITTRINGHAUS

3)OTMAR SCHREINER

(57) Abstract :

Electric motor vehicle having a display device The invention relates to an electric motor vehicle 1 with an electric drive motor 2, with an accumulator 4 for storing electrical energy for operating the electric drive motor, with an optical display device 6 having a multiplicity of individually actuatable lighting segments 10, and with a display control device 8. In order to make it possible to acquire important vehicle information easily and reliably by means of the display device it is proposed that the lighting segments are arranged in such a way that they form an at least two-dimensional lighting segment field 12 and irradiate light upward in the vertical direction, and that the display control device is designed to actuate the lighting segments of the lighting segment field in such a way that the lighting segment field outputs a nondigital accumulator charge state information item and/or a nondigital vehicle operating state information item. Figure 1

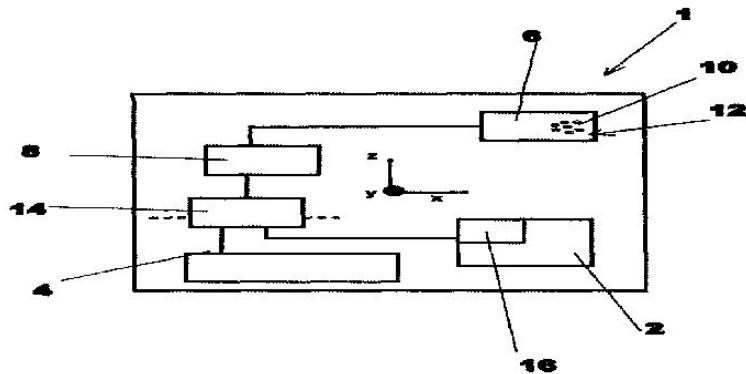


Fig: 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3633/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SEALING UNIT FOR ROLLING-ELEMENT BEARING

(51) International classification	:G01B
(31) Priority Document No	:TO2010A001041
(32) Priority Date	:22/12/2010
(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

(71)Name of Applicant :

1)AKTIEBOLAGET SKF

Address of Applicant :415 50 GOTEBORG, SWEDEN

(72)Name of Inventor :

1)FABIO PICATTO

2)ALBERTO VISCONTI

(57) Abstract :

Sealing unit (1) adapted to be coupled to a rolling-element bearing (2) to seal off the annular space between an inner ring (21) and an outer ring (23) of the bearing (2), the sealing unit (1) having a stiffening core (10), and an elastomeric annular element (30) that is rigidly secured to the stiffening core and provided with a sealing lip (31) and a root portion (32), which is positioned radially on the opposite side of the sealing lip (31), and which can be snap-fitted into a groove (25) of the outer ring (23) in order to abut the root portion (32) on a front wall (27) of the groove (25) with the core (10) facing toward the outside of bearing (2).

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3634/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BUNGHOLE CLOSURE

(51) International classification	:G01B
(31) Priority Document No	:10194848.7
(32) Priority Date	:14/12/2010
(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)LANXESS DEUTSCHLAND GMBH

Address of Applicant :D-51369 LEVERKUSEN, GERMANY

(72)Name of Inventor :

1)ANDREAS STRELZYK

2)THOMAS ANTHON

3)RUDOLF-RICHARD SEIDEL

4)MARTIN STURMANN

5)WERNER BUCK

(57) Abstract :

The present invention relates to a bunghole closure (32) for closing a transport drum (10) containing thionyl chloride, having a closure body (34) for closing a bunghole (22, 24) of the transport drum (10) and a seal (42) which rests against the closure body (34) and encloses the closure body (34) radially outwards around its circumference, wherein, according to the invention, the seal (42) is made of a perhalogenated polymer, in particular PTFE and/or PCTFE. This makes an increased life of the transport drum (10) possible. (Fig. 2)

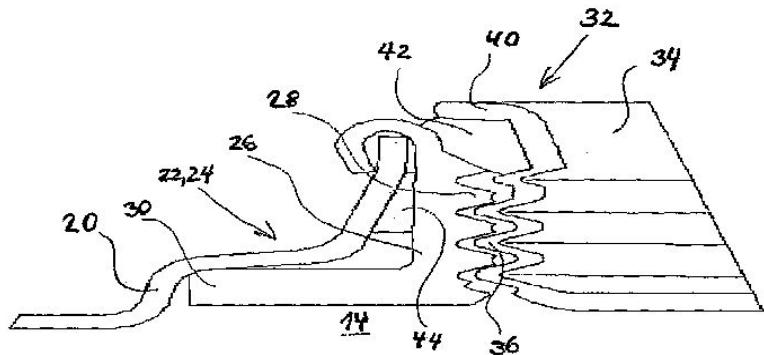


Fig. 2

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3579/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMAGE GENERATION DEVICE, PROGRAM, IMAGE DISPLAY SYSTEM, AND IMAGE DISPLAY DEVICE

(51) International classification

:H01J

(31) Priority Document No

:P2010-

280809

(32) Priority Date

:16/12/2010

(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)SONY CORPORATION

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TOKYO, JAPAN

(72)Name of Inventor :

1)TORU NAGARA

2)TOMOYA YAMAURA

3)KENJI FUJISAKA

4)BAN KAWAMURA

(57) Abstract :

According to an illustrative embodiment, an apparatus for generating image data is provided. The apparatus includes a communication unit for receiving information related to a display orientation of an image on a display unit of an image display device; and an image generation unit for generating image data according to the information.

No. of Pages : 61 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.3598/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM AND METHODS FOR ADJUSTING A YAW ANGLE OF A WIND TURBINE

(51) International classification

:H02K

(31) Priority Document No

:12/968525

(32) Priority Date

:15/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)HAAG, CHRISTIAN

2)BJORK, FRANK MIKAEL

3)MENKE, DETLEF

(57) Abstract :

A yaw system (34) for use with a wind turbine (10), the wind turbine including a nacelle rotatably coupled to a tower (12) is provided. The yaw assembly includes a yaw drive assembly (38) coupled to the nacelle, the yaw drive assembly configured to rotate the nacelle about a yaw axis (36), a first sensor (52) coupled to the wind turbine, the first sensor configured to sense an operating condition of the wind turbine and to generate at least a first monitoring signal indicative of the operating condition, and a control system (40) communicatively coupled to the sensor for receiving the generated first monitoring signal from the first sensor, the control system configured to calculate a yaw angle of the nacelle with respect to a direction of wind based on the received first monitoring signal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3612/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ARRANGEMENT FOR HOLDING LIQUID-FILLED DRINKS CONTAINERS

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:10 2010 061 250.2	1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant :PORSCEPLATZ 1, 70435 STUTTGART, GERMANY
(32) Priority Date	:15/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)MARTIN WINDORFER 2)ANDREAS SCHNEIDER 3)NICO STEPHEN 4)HERMANN STURM
(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	

(57) Abstract :

The present invention relates to an arrangement for holding liquid-filled drinks containers in a motor vehicle, having a container holder and a clamping device having retaining jaws that can be pressed away radially and project into the container holder. It is essential to the invention in this case that at least one adapter element for securing in particular narrow and tall drinks containers is provided, it being possible to insert said adapter element into the container holder without the function of the retaining jaws of the clamping device being impaired in the process. In this way, in particular slender and tall drinks containers are intended to be able to be held securely.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3613/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : POLYMERS FOR HIGH-SURFACTANT FORMULATIONS

(51) International classification

:C07D

(31) Priority Document No

:61/427,247

(32) Priority Date

:27/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor :

1)SZE-SZE NG

2)MARIANNE CREAMER

3)QICHUN WAN

4)JOSEPH MANNA

5)CHRISTOPHER J. TUCKER

6)JAN EDWARD SHULMAN

7)ERIC C. GREYSON

(57) Abstract :

A detergent composition having at least two components. The first component is from 14 to 50 wt% surfactants. The second component is from 0.05 to 4 wt% of a polymer which has polymerized residues of 40 to 65 wt% C1-C18 alkyl (meth)acrylates and 25 to 55 wt% C3-C6 carboxylic acid monomers.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3617/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTRIC MACHINE HAVING AN INTEGRATED VIBRATION SENSOR

(51) International classification

:H01J

(31) Priority Document No

:13/007,199

(32) Priority Date

:14/01/2011

(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) Abstract :

An electric machine including a housing, a stator mounted within the housing, a rotor rotatably mounted within the housing relative to the stator, and a vibration sensor arranged within the housing. The vibration sensor includes a sensing member configured and disposed to detect vibrations of the electric machine.

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

(71)Name of Applicant :

1)REMY TECHNOLOGIES, L.L.C.

Address of Applicant :600 CORPORATION DRIVE, 2ND FLOOR PENDLETON, INDIANA 46064 U.S.A.

(72)Name of Inventor :

1)CHAMBERLIN, BRADLEY D.

2)FULTON, DAVID A.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3640/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTRIC MACHINE HAVING AN INTEGRATED ROTOR TEMPERATURE SENSOR

(51) International classification

:H01J

(31) Priority Document No

:13/007,117

(32) Priority Date

:14/01/2011

(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) Abstract :

An electric machine includes a housing, a stator mounted within the housing, and a rotor rotatably mounted within the housing relative to the stator. The rotor includes a rotor lamination assembly having a plurality of laminations. A temperature sensor is arranged within the housing. The temperature sensor includes a sensing surface configured and disposed to detect a temperature of the rotor.

No. of Pages : 13 No. of Claims : 20

(71)Name of Applicant :

1)REMY TECHNOLOGIES, L.L.C.

Address of Applicant :600 CORPORATION DRIVE, 2ND FLOOR PENDLETON, INDIANA 46064 U.S.A.

(72)Name of Inventor :

1)CHAMBERLIN, BRADLEY D.

2)FULTON, DAVID A.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3589/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM AND METHOD OF PROVIDING COMPLIANCE AND ALERTING OF TOXIC GAS EXPOSURE FOR HEALTH MONITORING AND PLANT MAINTENANCE

(51) International classification	:A61K
(31) Priority Document No	:12/965,309
(32) Priority Date	:10/12/2010
(33) Name of priority country	:U.S.A.
(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)HONEYWELL INTERNATIONAL INC.

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(72)**Name of Inventor :**

1)NUKALA SATEESH KUMAR

2)ARUNKUMAR K

3)SEAN STINSON

4)KONDAIAH DASARI

(57) Abstract :

An apparatus to obtain zoned real-time gas concentration and location information from a plurality of gas detectors and provide compliance information along with exposure trends and warning information. Acquired concentration and location information can be stored in a common memory unit for efficient trend analysis and generation of compliance information.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.3605/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FLUID DELIVERY DEVICE

(51) International classification	:H02K	(71) Name of Applicant :
(31) Priority Document No	:1104425.2	1)CONSORT MEDICAL PLC
(32) Priority Date	:16/03/2011	Address of Applicant :GROUND FLOOR, SUITE D, BREAKSPEAR PARK, BREAKSPEAR WAY, HEMEL HEMPSTEAD HP2 4TZ, UNITED KINGDOM
(33) Name of priority country	:U.K.	(72) Name of Inventor :
(86) International Application No	:NA	1)WARBY, RICHARD
Filing Date	:NA	2)HATELY, GRAHAM
(87) International Publication No	:NA	3)CHILVERS, KEVIN
(61) Patent of Addition to Application Number	:NA	4)OLLEY, JOHN
Filing Date	:NA	5)ALLSOP, PAUL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a fluid delivery device. In particular, it relates to a fluid delivery device for nasal, sub-lingual or ophthalmic use.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3622/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM AND METHOD TO ILLUSTRATE ULTRASOUND DATA AT INDEPENDENT DISPLAYS

(51) International classification	:B64D
(31) Priority Document No	:12/970418
(32) Priority Date	:16/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)HALMANN, MENACHEM

(57) Abstract :

An ultrasound imaging system 100 includes a beamformer 125 to receive an ultrasound image data acquired by a transducer probe 120. The system also includes a first processor 135 and a second processor 145. The first processor is used to process the ultrasound image data communicated from the beamformer 125 so as to create a first illustration 165 at a first interface 155 to show to a user of the ultrasound imaging system 100. The second processor 145 is used to process the ultrasound image data communicated from the beamformer 125 so as to create a second illustration 180 at a second interface 160 to show to a patient 106 of the ultrasound imaging system 100. The first processor 135 performs different processing steps compared to the second processor 145 such that the first illustration 165 at the first interface 155 is different than the second illustration 180 at the second interface 160.

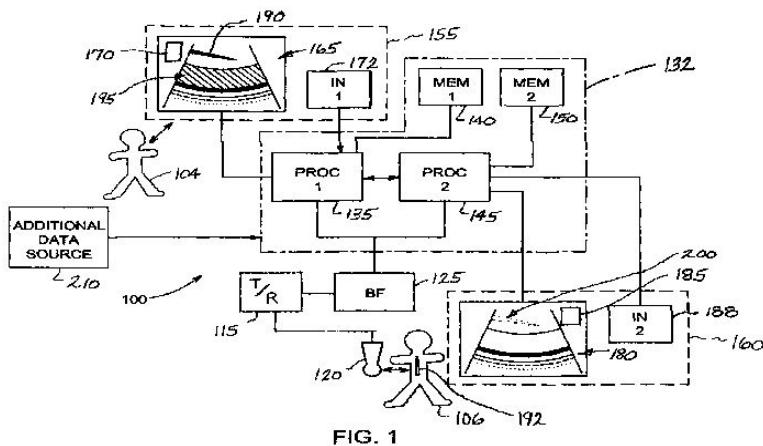


FIG. 1

No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3624/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : GASIFICATION QUENCH CHAMBER AND SCRUBBER ASSEMBLY

(51) International classification

:B64D

(31) Priority Document No

:12/968,423

(32) Priority Date

:15/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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1)TIWARI PRASHANT

2)AVAGLIANO AARON

3)CORRY JUDETH BRANNON

4)DINU CONSTANTIN

5)KLOCKOW HELGE BURGHARD HERWIG

6)LASKOWSKI GREGORY MICHAEL

7)MONAHAN SARAH MARIE

8)STOREY JAMES MICHAEL

9)RICO DENISE MARIE

(57) Abstract :

A gasification quench chamber (310) is disclosed. The gasification quench chamber (310) includes a reservoir that contains liquid coolant (502) in its lower portion (340) and an exit (370) for the cooled syngas (506, 508) in its upper portion (350); a dip tube (320) that is configured to introduce a syngas mixture (500) to contact the liquid coolant (502) which produces the cooled syngas (506); a cooling device (360) configured to further cool the cooled syngas (506) in its upper portion (350); and a stability device (330) in the lower portion (340) that is configured to mitigate coolant level fluctuation and sloshing. In an embodiment of the quench chamber (310), the cooling device (360) includes a heat exchanger pipe (364). A quench chamber and scrubber assembly (300) is also disclosed.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3625/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 'LOAD BEAM UNIT REPLACEABLE INSERTS FOR DRY COAL EXTRUSION PUMPS'

(51) International classification	:G01L
(31) Priority Document No	:13/010904
(32) Priority Date	:21/01/2011
(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)PRATT & WHITTNEY ROCKETDYNE INC.

Address of Applicant :6633 CANOGA AVENUE, CANOGA PARK, CALIFORNIA 91309, U.S.A.

(72)Name of Inventor :

1)SAUNDERS TIMOTHY

2)BRADY JOHN D.

(57) Abstract :

A track assembly for a particulate material extrusion pump according to an exemplary aspect of the present disclosure includes a link assembly with a roller bearing. An insert mounted to a load beam located such that the roller bearing contacts the insert.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3647/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FOLDING DEVICE

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:2010-287423	1)KABUSHIKI KAISHA TOKYO KIKAI SEISAKUSHO Address of Applicant :26-24, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8375, JAPAN
(32) Priority Date	:24/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)MAEDA KENJI 2)INOUE KENJI
(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	

(57) Abstract :

This folding device 1 comprises: a folding blade mechanism operation control mechanism 16 for operating a folding blade mechanism 13C provided in a folding cylinder 13; and a paper edge holding mechanism operation control mechanism 15 for operating a paper edge holding mechanism 13B provided in the folding cylinder 13, the folding blade mechanism operation control mechanism 16 and the paper edge holding mechanism operation control mechanism 15 being provided capable of activation based on a predetermined activating signal.

No. of Pages : 75 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3641/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTRIC MACHINE WITH INTEGRATED BEARING TEMPERATURE SENSOR

(51) International classification

:B23B

(31) Priority Document No

:13/007,154

(32) Priority Date

:14/01/2011

(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)REMY TECHNOLOGIES, L.L.C.

Address of Applicant :600 CORPORATION DRIVE 2ND FLOOR PENDLETON, INDIANA 46064 U.S.A.

(72)Name of Inventor :

1)CHAMBERLIN, BRADLEY D.

2)FULTON, DAVID A.

(57) Abstract :

An electric machine includes a housing and a shaft arranged within the housing. The shaft includes a first end portion and a second end portion. At least one bearing is mounted at one of the first end portion of the shaft and the second end portion of the shaft. A stator is mounted within the housing and a rotor is mounted relative to the shaft and rotatable relative to the stator. A temperature sensor is integrated into the housing at the at least one bearing. The temperature sensor includes a sensing element that detects a temperature of the at least one bearing.

No. of Pages : 13 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3642/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTRIC MACHINE WITH INTEGRATED COOLANT TEMPERATURE SENSOR

(51) International classification

:H01J

(31) Priority Document No

:13/007,181

(32) Priority Date

:14/01/2011

(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)REMY TECHNOLOGIES, L.L.C.

Address of Applicant :600 CORPORATION DRIVE, 2ND FLOOR PENDLETON, INDIANA 46064 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)CHAMBERLIN, BRADLEY D.

2)FULTON, DAVID A.

(57) Abstract :

An electric machine including a housing, a stator mounted within the housing, a rotor rotatably mounted within the housing relative to the stator, and a coolant system fluidly connected to the housing. The coolant system delivers a flow of coolant through the housing. A coolant temperature sensor is arranged within the housing and exposed to the flow of coolant. The coolant temperature sensor configured and disposed to detect a temperature of the coolant in the housing.

No. of Pages : 12 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3660/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TESTING OF A TRANSIENT VOLTAGE PROTECTION DEVICE

(51) International classification

:B23B

(31) Priority Document No

:1021430.2

(32) Priority Date

:17/12/2010

(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

(57) Abstract :

The testing of voltage protection devices, in particular during the in-service life of a product is disclosed. A method of testing a protection device in a circuit arranged to be provided with a source and a load is disclosed, comprising providing a detector in parallel with the protection device; opening a switching device provided in the circuit and detecting a property of the voltage spike caused by the rate of change of current in the circuit inductance produced by the opening of the switching device to determine the condition of the protection device. If the detected property of the voltage spike, such as its peak voltage, is not an expected predetermined value or within an expected predetermined range it may be assumed that there is a fault in the protection device. Thus the protection device may be reliably tested during its in-service life. Figure 2

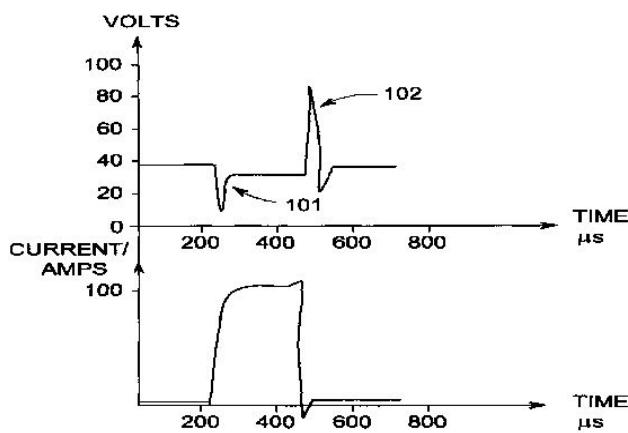


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3662/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICES AND METHODS FOR TRANSMITTING EDS BACK-UP SIGNALS TO SUBSEA PODS

(51) International classification	:B23B
(31) Priority Document No	:12/969822
(32) Priority Date	:16/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HYDRIL USA MANUFACTURING LLC

Address of Applicant :3300 NORTH SAM HOUSTON PARKWAY EAST HOUSTON, TEXAS 77032, U.S.A.

(72)Name of Inventor :

1)MILNE, ERIC LEE

(57) Abstract :

Methods and systems for a backup emergency disconnect signal (EDS) transmission in an offshore oil and gas installation are provided. A backup EDS transmission system includes a pressure pulse generator located close to a water surface and configured to generate a predetermined pressure variation pattern including at least one of positive and negative pressure pulses and corresponding to an emergency disconnect signal, the signal being propagated downwards in a mud column. The pressure pulse generator is located at a surface end of the mud column. The backup EDS transmission system also includes a pressure pulse receptor connected to a controller of blowout preventers and configured to measure a pressure in the mud column, at a subsea location.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3663/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VARIABLE SPEED MACHINE ASSEMBLY AND METHOD FOR MAKING THE SAME

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/970406	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:16/12/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)WASZAK, MICHAL-WOLFGANG
Filing Date	:NA	2)HEMMELMANN, JAN
(87) 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 variable speed machine assembly (200) includes an input shaft (134), a variable speed magnetically geared generator (202) coupled to the input shaft, an electrical machine (202) coupled to the input shaft, and a power converter (208) coupled to the variable speed magnetically geared generator and the electrical machine. The power converter is configured to use electrical power output by the electrical machine to control a frequency of power output by the variable speed magnetically geared generator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3648/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : GROUP CONTROL LEARNING APPARATUS

(51) International classification

:H01J

(31) Priority Document No

:2010-

279380

(32) Priority Date

:15/12/2010

(33) Name of priority country

:Japan

(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)KABUSHIKI KAISHA TOSHIBA

Address of Applicant :1-1, SHIBAURA 1-CHOME,
MINATO-KU, TOKYO 105-8001, JAPAN

2)TOSHIBA ELEVATOR KABUSHIKI KAISHA

(72)Name of Inventor :

1)YUKINORI TONOSAKI

2)TOSHIO SUGIHARA

3)TOSHIAKI TANAKA

4)NORIMASA ASANO

5)RYOSUKE MAKIOKA

6)KUNIKO NAKAMURA

7)HISASHI YAMADA

8)YOSHIAKI MANABE

(57) Abstract :

According to embodiments, there is provided a group control learning apparatus applied to group control that allocates a car of an elevator to a hall call on each floor. The apparatus includes a first calculation unit, a second calculation unit, and an update unit. The first calculation unit calculates a transport load of the hall call in each moving direction of the car on each floor by multiplication of an average non-response time and a mounting ratio. The second calculation unit calculates a transport load of the car when the transport load of the hall call is distributed to cars based on a hall call response table indicating whether the car can respond to the hall call on each floor. The update unit updates the hall call response table so that the transport load of the car is leveled.

No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3665/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A SUPERSONIC COMPRESSOR ROTOR AND METHODS FOR ASSEMBLING SAME

(51) International classification

:B23B

(31) Priority Document No

:12/974,566

(32) Priority Date

:21/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.

(72) Name of Inventor :

1)HOFER DOUGLAS CARL

2)NAGEL ZACHARY WILLIAM

3)GOTTAPU DHANANJAYA RAO

(57) Abstract :

A supersonic compressor rotor includes a rotor disk (48) including a body extending between a radially inner surface (56) and a radially outer surface (58), a plurality of vanes (46) coupled to the body, the vanes extending outwardly from the rotor disk (48), adjacent the vanes forming a pair (74) and oriented such that a flow channel is defined between each of the pair of adjacent vanes, the flow channel extending between an inlet opening (76) and an outlet opening (78), and at least one supersonic compression ramp (98) positioned within the flow channel (80), the supersonic compression ramp configured to condition a fluid being channeled through the flow channel such that the fluid is characterized by a first velocity at the inlet opening and a second velocity at the outlet opening, each of the first velocity and the second velocity being supersonic with respect to the rotor disk surfaces. (Fig: 3)

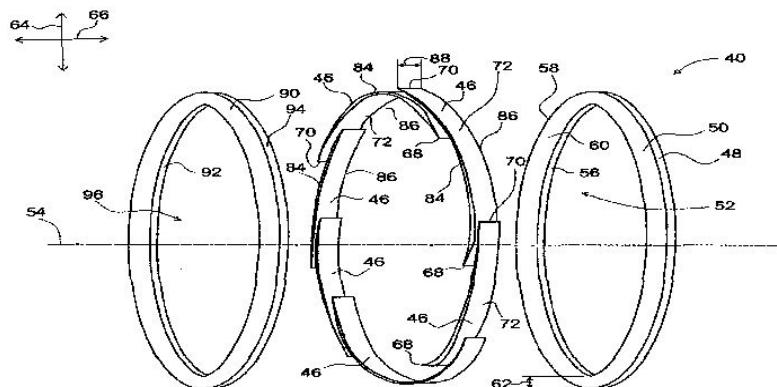


FIG. 3

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3666/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING WIND TURBINE POWER OUTPUT

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/974,525	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:21/12/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)MILLER NICHOLAS WRIGHT
(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 :

A system (400) for use in controlling a wind turbine's power output is provided. The system includes a plurality of wind turbine controllers (200), each wind turbine controller of the plurality of wind turbine controllers operatively coupled to a respective wind turbine (100) of a plurality of wind turbines, and a site controller (415) coupled in communication with the plurality of wind turbine controllers and is configured to determine a predicted wind speed for the wind turbine, determine a current wind turbine power output, determine a predicted wind turbine power output utilizing the predicted wind speed, compare the current wind turbine power output to the predicted wind turbine power output, and adjust the wind turbine power output based on the comparison of the current wind turbine power output and the predicted wind turbine power output.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3667/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ACCESSORY GEARBOX WITH A STARTER/GENERATOR

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/979,579	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:28/12/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HUANG HAO
(87) International Publication No	:NA	2)ZYWOT JAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An assembly (102) for a gas turbine engine (1) comprising an accessory gearbox (100) comprising a drive gear (150) and pinion gear (140) and a starter/generator (101) mechanically mounted to the accessory gearbox (100). The starter/generator (101) comprising a housing (160) and a portion of a rotatable shaft (170) with a safety disconnect (192) where the safety disconnect (192) is located within the housing (160) of the starter/generator (101).

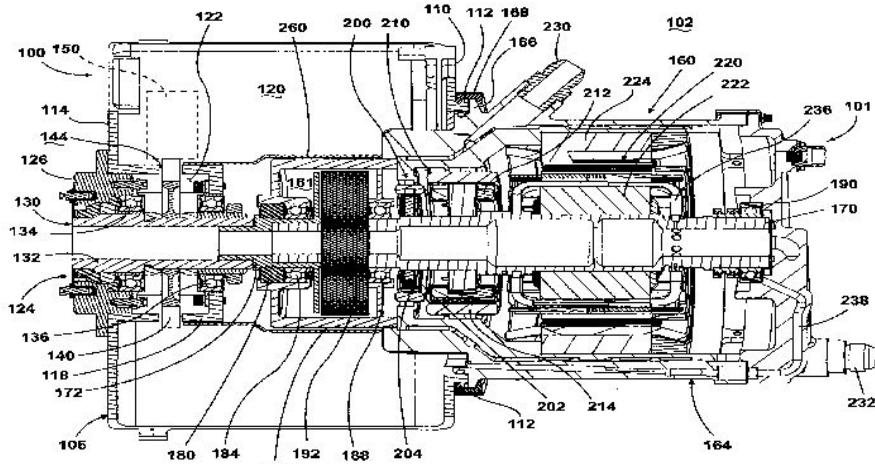


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.3611/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : STEAM TURBINE OVER SPEED PROTECTION METHOD AND SYSTEM

(51) International classification	:F24F
(31) Priority Document No	:10195773.6
(32) Priority Date	:17/12/2010
(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)MARTIN KOLLER

2)HUBERT SCHEUERMANN

3)FRANK MAECKLE

(57) Abstract :

The invention relates to a method for generating a steam turbine (15) overspeed control system fault alert and a system configured to achieve the method. The method comprising providing an overspeed control system (20) with a control valve (22) configured and located to adjust the speed of the steam turbine (15), the control valve (22) having a control position. The method further comprising monitoring the control position of the control valve (22) and detecting a deloading event. Upon detection a control system fault alert is generated if the control valve (22) does not achieve a predefined control position within a predefined time from the deloading event.

Fig 1

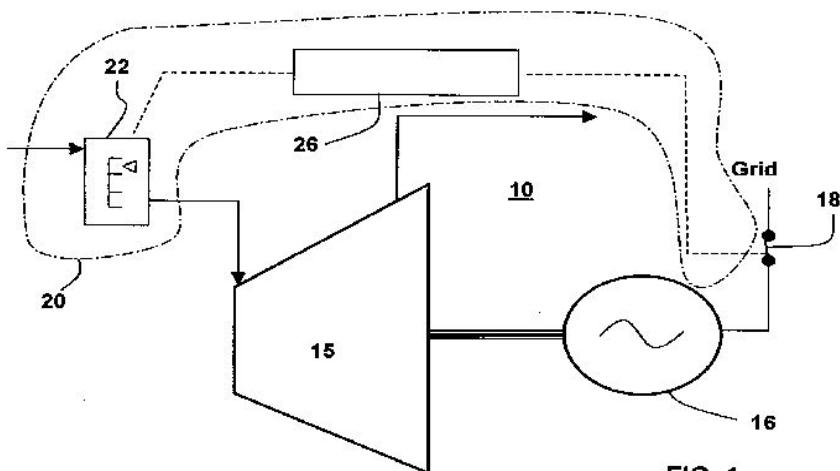


FIG. 1

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3628/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTROCHEMICAL ETCHING OF SEMICONDUCTORS

(51) International classification

:H02J

(31) Priority Document No

:61/422,597

(32) Priority Date

:13/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ROHM AND HAAS ELECTRONIC MATERIALS LLC

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MARLBOROUGH, MASSACHUSETTS 01752, U.S.A.

(72)Name of Inventor :

1)GARY HAMM

2)JASON A. REESE

3)GEORGE R. ALLARDYCE

(57) Abstract :

Semiconductors are electrochemically etched in solutions containing sources of bifluoride and nickel ions. The electrochemical etching may form pores in the surface of the semiconductor in the nanometer range. The etched semiconductor is then nickel plated.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3649/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PLANETARY GEAR TRAIN OF AUTOMATIC TRANSMISSION FOR VEHICLES

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:10-2011-0037384	1)HYUNDAI MOTOR COMPANY Address of Applicant :231, YANGJAE-DONG, SEOCHO-GU, SEOUL, Republic of Korea
(32) Priority Date	:21/04/2011	(72) Name of Inventor :
(33) Name of priority country	:Republic of Korea	1)SEO KANGSOO 2)SHIM HYU TAE
(86) International Application No Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A planetary gear train of an automatic transmission may include an input shaft configured to receive an engine torque, an output shaft configured to output a shifted torque, a first compound planetary gear set including first and second simple planetary gear sets having first and second sun gears, first and second planet carriers, and first and second ring gears as rotation elements, a second compound planetary gear set including third and fourth simple planetary gear sets having third and fourth sun gears, third and fourth planet carriers, and third and fourth ring gears as rotation elements, seven rotational shafts connecting to one to more rotation elements, and seven friction members including three clutches interposed between a rotational shaft and the input shaft to control the torque and four brakes selectively connecting a rotational shaft to a transmission housing.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3652/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PIPING HEADER AND TUBING ARRANGEMENTS FOR SOLAR BOILERS□

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:12/969,102	1)BABCOCK POWER SERVICES INC.
(32) Priority Date	:15/12/2010	Address of Applicant :5 Neponset Street Worcester MA
(33) Name of priority country	:U.S.A.	01606 U.S.A.
(86) Intern□tional Application No Filing Date	:NA :NA	(72) Name of Inventor :
(87) Interna□l Publication No	: NA	1)PLOTKIN Andrew
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)RICCI Russell
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A header system for fluid circulation in a boiler includes a header configured to conduct fluid therethrough for circulating fluids in a boiler. A plurality of suction lines are connected in fluid communication with the header. Each suction line is configured and adapted to connect a respective pump in fluid communication with the header. A plurality of downcomers are connected in fluid communication with the header. Each downcomer is configured and adapted to connect the header in fluid communication with a steam drum. The header suction lines and downcomers are configured and adapted to draw substantially equal amounts of fluid from each of the downcomers even when flow.....

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3653/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NOISE REDUCTION APPARATUS AND METHOD, AND PROGRAM

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:P2010-286369	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:22/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KYOSUKE MATSUMOTO 2)SHIRO SUZUKI
(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	

(57) Abstract :

A noise reduction apparatus includes a microphone that picks up a noise from surroundings of a casing, a cancellation signal generating section that generates a cancellation signal for reducing the noise from surroundings, by applying filtering to a signal picked up by the microphone, a predicted signal computing section that computes a predicted signal by predicting a noise from surroundings leaking into the casing, on a basis of the signal picked up by the microphone, an additional-signal control section that generates an additional signal for improving a listening feel of an actual residual noise, on a basis of a predicted residual noise obtained by adding the cancellation signal and the predicted signal, and an addition/output section that adds and outputs the additional signal and the cancellation signal.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3704/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR LUBRICATING AT LEAST ONE BLADE PITCH BEARING OF A WIND TURBINE

(51) International classification

:B64D

(31) Priority Document No

:EP11153696

(32) Priority Date

:08/02/2011

(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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(72)Name of Inventor :

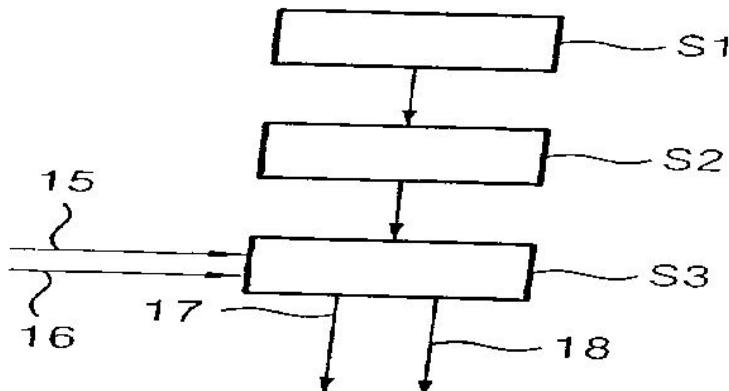
1)BAUER; OTO

2)ESBENSEN; THOMAS

(57) Abstract :

Method for lubricating at least one blade pitch bearing of a wind turbine, particularly a variable-pitch wind turbine, the wind turbine comprising a rotor hub having a number of rotor blades, with each rotor blade being supported to the rotor hub by at least one blade pitch bearing, whereby at least one rotor blade is pitchable and a rotor blade pitch control device adapted to control pitching of the at least one rotor blade, characterised in - determining the state of lubrication of at least one blade pitch bearing by a lubrication detection device generating at least one lubrication information signal indicating a degree of lubrication of the at least one blade pitch bearing by measuring the electrical capacitance and/or resistance of the at least one blade pitch bearing, and - actuating a rotor blade lubricating device to perform at least one action to lubricate the at least one blade pitch bearing, if the lubrication information signal indicates that the at least one blade pitch bearing is not sufficiently lubricated. (FIG. 2)

FIG 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.3800/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BRUSH MOTOR WITH SPEED REDUCER

(51) International classification	:B23K	(71) Name of Applicant :
(31) Priority Document No	:2010-291611	1)ASMO CO., LTD. Address of Applicant :390, UMEDA, KOSAI-SHI, SHIZUOKA-KEN 431-0493, JAPAN
(32) Priority Date	:28/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YAMAMOTO, HIROKI
(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	

(57) Abstract :

A brush motor with a speed reducer includes a yoke housing, a gear housing, and a brush holder. The yoke housing and the gear housing have openings facing each other, and the brush holder closes the openings. The brush holder includes a yoke-facing fitting wall that is fitted in the opening of the yoke housing and a gear-facing fitting wall that is fitted in the opening of the gear housing. A terminal is arranged in the brush holder to supply a current from a connector portion provided in the gear housing to the brush. The terminal includes a contact portion arranged in the connector portion, a lead portion that extends through the brush holder to be electrically connected to the brush, and a plate-like intermediate wiring portion that extends between the contact portion and the lead portion. The intermediate wiring portion has a pair of wide surfaces and extends along an inner surface of the gear-facing fitting wall such that one of the wide surfaces contacts the inner surface of at least the gear-facing fitting wall of the gear-facing fitting wall and the yoke-facing fitting wall.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.3801/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NI-BASED SUPERALLOY, AND TURBINE ROTOR AND STATOR BLADES FOR GAS TURBINE USING THE SAME

(51) International classification	:B23K	(71) Name of Applicant :
(31) Priority Document No	:2010-293142	1)HITACHI LTD.
(32) Priority Date	:28/12/2010	Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8280, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)WANG YUTHING
Filing Date	:NA	2)YOSHINARI AKIRA
(87) 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 object of the present invention is to provide a Ni-based superalloy, especially for a conventional casting, having a good balance among high temperature strength, corrosion resistance and oxidation resistance, as compared to a conventional material. The Ni-based superalloy comprises Cr, Co, Al, Ti, Ta, W, Mo, Nb, C, B, and inevitable impurities, the balance being Ni, the Ni-based superalloy having a superalloy composition comprising, by mass, 13.1 to 16.0% Cr, 11.1 to 20.0% Co, 2.30 to 3.30% Al, 4.55 to 6.00% Ti, 2.50 to 3.50% Ta, 4.00 to 5.50% W, 0.10 to 1.20% Mo, 0.10 to 0.90% Nb, 0.05 to 0.20% C, and 0.005 to 0.02% B.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.3802/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : RETAINER FOR PERMANENT MAGNETS, PERMANENT MAGNET MOTOR HAVING THE SAME, AND ASSEMBLY METHOD THEREFOR

(51) International classification	:B23K	(71) Name of Applicant :
(31) Priority Document No	:2010-292310	1)KOKUSAN DENKI CO. LTD. Address of Applicant :3744 OOKA, NUMAZU-SHI, SHIZUOKA, 410-0022, JAPAN.
(32) Priority Date	:28/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SHIDA KOICHI
(86) International Application No	:NA	2)SHOJI YU
Filing Date	:NA	
(87) 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 :

Local stress of a retainer for permanent magnets is prevented from growing excessively large, and a magnet is stably pressed and positioned. A retainer for permanent magnets is disposed between a plurality of permanent magnets of a motor to hold the permanent magnets. The retainer for permanent magnets is substantially formed in symmetry by bending a rectangular plate member. A first linear portion is formed at both end portions of the rectangular plate member, a third linear portion is formed at a center part of the plate member, and a second linear portion is formed at the midsection between the first linear portion and the third linear portion. In a state in which the retainer is held between the permanent magnets, the first linear portions are in surface contact with each other, and the second linear portion is in surface contact with the permanent magnet.

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.3636/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMAGE DISPLAY CONTROL APPARATUS AND IMAGE DISPLAY CONTROL METHOD

(51) International classification	:G01B	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	284322	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:21/12/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)TAKASHI NUNOMAKI
Filing Date	:NA	
(87) 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 image display control apparatus and method are used to detect an object that is in proximity to a display. A display controller is used to change the display from a first display state to a second display state after the object is not detected for a predetermined time period. The display state is then restored to the first display state when the detector detects the object being in proximity to the display. In another aspect, the display controller changes the display to the first display state from the second display state when the detector detects the object being in proximity to the display, where the second display state is a lower power state than the first display state.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.3675/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR ELIMINATING A COCKPIT MASK AND ASSOCIATED HELMET-MOUNTED DISPLAY SYSTEM

(51) International classification	:B23B
(31) Priority Document No	:10 05075
(32) Priority Date	:23/12/2010
(33) Name of priority country	:France
(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)TALES

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NEUILLY-SUR-SEINE, FRANCE

(72)Name of Inventor :

1)JEAN-MICHEL FRANCOIS

2)MATTHIEU GROSSETETE

3)LAURENT LALUQUE

(57) Abstract :

The general field of the invention relates to the binocular helmet-mounted display devices worn by aircraft pilots. In night use, one of the drawbacks of this type of device is that the uprights of the cockpit introduce significant visual masks into the field of the optical sensors. The method according to the invention is a method for eliminating these masks in the images presented to the pilot by graphics processing of the binocular images. It relies on the fact that, given the parallax, the uprights (M) occupy, in two images from the left and right sensors (CBNL), different positions. The comparison of the two images makes it possible to identify, and then eliminate, these masks, and finally to replace them with parts of images of the outside landscape.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.3795/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CONTROLLER ARRANGEMENT OF AN ELECTRICAL POWER TRANSFER SYSTEM OF A WIND TURBINE

(51) International classification	:B03C
(31) Priority Document No	:12/979,918
(32) Priority Date	:28/12/2010
(33) Name of priority country	:U.S.A.
(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)VESTAS WIND SYSTEMS A/S

Address of Applicant :HEDEAGER 44 8200 ARHUS N.
Denmark

(72)Name of Inventor :

1)OPINA, GIL JR. LAMPONG

2)FONN, SWEE YEE

3)TRIPATHI, ANSHUMAN

4)LIAW, TZE YANG

5)GUPTA, AMIT KUMAR

(57) Abstract :

A controller arrangement of an electrical power transfer system (1) of a wind turbine is described. The wind turbine has an electrical generator and is connected to an electrical power grid, wherein the power transfer system (1) is arranged to transfer electrical power from the generator to the grid. The power transfer system (1) has at least two electrical elements (2-6), e.g. converters, and at least two controllers (15-17) each arranged to control at least one element (2-6).

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3832/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR A REFUELING DROGUE ASSEMBLY

(51) International classification

:B03C

(31) Priority Document No

:12/984,961

(32) Priority Date

:05/01/2011

(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)GE AVIATION SYSTEMS LLC

Address of Applicant :3290 PATTERSON AVENUE, SE
GRAND RAPIDS, MICHIGAN 49512, U.S.A.

(72)Name of Inventor :

1)FELDMANN MICHAEL STEVEN

2)STIMAC LAWRENCE WILLIAM

3)SAGGIO III FRANK

4)TURNER MARK LAWRENCE

(57) Abstract :

A refueling drogue coupling system is provided. The system includes a fluid passage extending from a coupling inlet to a coupling outlet, the fluid passage comprising a valve seat circumscribing the fluid passage proximate the coupling outlet, a valve plug assembly comprising a valve plug configured to engage the seat to prevent flow through the fluid passage and an actuator assembly comprising a bias member, a coupling latch assembly (310) coupled to the coupling outlet, the coupling latch assembly comprising a latch member configured to matingly engage a complementary latch-receiving member (338) of a receiver probe (116), the coupling latch assembly further comprising a latch member (312) actuator operatively coupled to the latch member to permit the latch member to move from a first locked position to a second unlocked position, a probe position sensor (308) configured to detect a position of the receiver probe, a hose tension sensor (313) configured to measure a tension in a hose coupled to the coupling inlet, and a drogue control system positioned on the refueling drogue coupling system and communicatively coupled to the latch member actuator, the probe position sensor, and the hose tension sensor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3826/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : WIND TURBINE

(51) International classification	:G05C
(31) Priority Document No	:EP11155931
(32) Priority Date	:25/02/2011
(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 :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2 80333
MUNCHEN GERMANY

(72)Name of Inventor :

1)Groendahl; Erik

2)Thougaard; Hans-joergen

(57) Abstract :

Wind turbine (1) comprising at least one generator (2) adapted to generate electric power and a number of electrical converter units (5 6 21) adapted to convert electric power generated by the generator (2) and electrically connectable or connected to the generator (2) and to a utility grid (7) whereby the generator (2) comprises a stator (3) being segmented in stator segments (4 4) with each stator segment (4 4) comprising a number of stator windings (4a-c 4a-c) wherein the stator windings (4a-c 4a-c) of the respective stator segments (4 4) are divided into at least a first (4A 4A) and a second group (4B 4B) of stator windings with each group (4A 4B 4A 4B) comprising at least one stator winding (4a-c 4a-c) whereby several or all first groups (4A 4A) of stator windings (4a 4a) are electrically connected to a first electrical converter unit (5) (contd.....)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3827/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR MANUFACTURING A STATOR AND A STATOR BAR, STATOR AND STATOR BAR

(51) International classification

:G05C

(31) Priority Document No

:1150165.6

(32) Priority Date

:05/01/2011

(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 :

1)ALSTOM HYDRO FRANCE

Address of Applicant :3, AVENUE ANDRE MALRAUX,
92300 LEVALLOIS- PERRET, FRANCE

(72)Name of Inventor :

1)ALEXANDER RENE ANDERTON

2)DIETER STOLL

3)MASSIMILIANO VEZZOLI

(57) Abstract :

A method for manufacturing a stator bar (1) comprises providing a conductor (2) with an insulation (4) around it, and wrapping an expandable tape (5) around the insulation (4). The stator bar can be used to manufacture a stator. (figure 4)

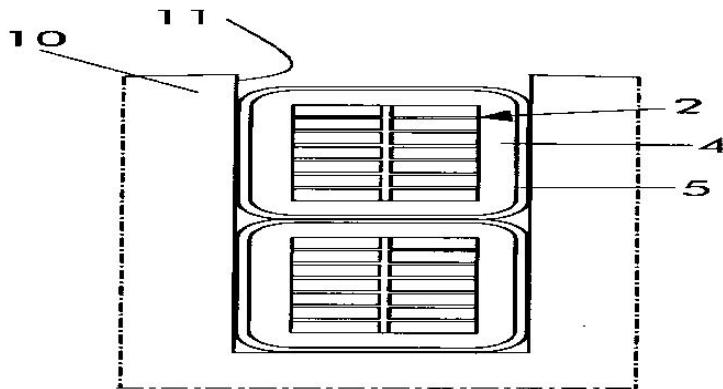


Fig. 4

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2011

(21) Application No.3887/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR IMPROVING THE PERFORMANCE OF A RADAR IN THE PRESENCE OF DIFFUSE BACKSCATTERED ECHOES

(51) International classification	:B23D
(31) Priority Document No	:1005180
(32) Priority Date	:30/12/2010
(33) Name of priority country	:France
(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)TALE

Address of Applicant :45 RUE DE VILLIERS, 92200
NEUILLY SUR SEINE, FRANCE

(72)Name of Inventor :

1)PIERRE BOUTHERIN

2)PIERRE FAGES

(57) Abstract :

The invention relates to a method for detecting targets via a radar in the presence of diffuse backscattered echoes, the targets being designated, according to an a priori assumption about the location of the targets, as regards distance DDO with an inaccuracy domain ADDO and as regards radial speed VrDO with an inaccuracy domain ΔVrDO, the radar, of pulse compression type, emitting towards the targets a wave in the form of a train of pulses ...Ei, EI+1,... of repetition frequency Fr, of noise Bp carried by the wave, the radar comprising a detector of the echoes received, of sensitivity St. The method consists in determining the repetition frequencies Fr which minimize in the designation inaccuracy domain as regards distance ΔDDO and as regards radial speed ΔVrDO, on the one hand, the loss of signal of the echo backscattered by the target and, on the other hand, the desensitization of the radar detector by the echoes backscattered by clutter. Figure: 2b Applications: airborne radars, missile seekers.

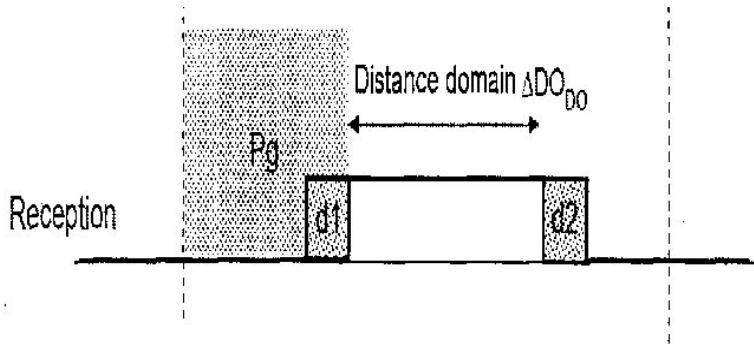


FIG.2b

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.4/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FLUX CANCELLATION IN A PERMANENT MAGNET GENERATOR

(51) International classification

:H01R

(31) Priority Document No

:13/009,435

(32) Priority Date

:19/01/2011

(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)HAMILTON SUNDSTRAND CORPORATION

Address of Applicant :ONE HAMILTON ROAD, WINDSOR
LOCKS, CT 06096, U.S.A.

(72)Name of Inventor :

1)FANG SI J.

2)HIMMELMANN RICHARD A.

3)CLEMMONS JAMES H.

(57) Abstract :

A permanent magnet comprises a primary winding, a secondary winding, a permanent magnet, an output terminal for connection to an external load, and a switching mechanism with two modes. In a first mode of the switching mechanism, the primary winding is connected between neutral and the output terminal, and the varying magnetic flux from the permanent magnet induces a nonzero voltage at the output terminal. In the second mode, the secondary winding provides a return path to neutral for the primary winding, thereby providing negligible voltage and current at the output terminal and substantially canceling change in magnetic flux from the permanent magnet.

No. of Pages : 16 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2011

(21) Application No.415/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DESIGNING OF AN IN SITU BIO-FILM DEVELOPMENT AND BIOREMEDIAL APPARATUS FOR THE TREATMENT OF HYDROCARBON CONTAMINATED WATERS

(51) International classification	:C07C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)SHARMA Peeyush Kumar

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Rajasthan PIN 342001 India

2)BHANDARI Anil

(72)Name of Inventor :

1)SHARMA Peeyush Kumar

2)BHANDARI Anil

(57) Abstract :

The present invention discloses an apparatus for in situ bio-film development and biodegradation of hydrocarbon contaminated water. The invention also discloses process for in situ bio-film development and biodegradation of hydrocarbon contaminated water.

No. of Pages : 50 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.3803/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR COMPONENT RESISTANCE TO FLOW

(51) International classification

:B23K

(31) Priority Document No

:12/978717

(32) Priority Date

:27/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :3290 PATTERSON AVENUE, SE
GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A.

(72)Name of Inventor :

1)WILSON, JONATHAN PAUL

(57) Abstract :

A flow monitoring system (138) includes one or more sensors (146,148) configured to generate a signals representative of a pressure of a fluid at a location upstream of a component, a pressure of the fluid at a location downstream of the component, a temperature of the fluid at the component, and a measurement of the flow through the component and a processor (65) programmed to determine a value indicative of a density of the fluid at the component using the temperature, determine a value indicative of an equivalent resistance to flow at the component using the generated signals and the determined density, and output the determined equivalent resistance to flow value.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3820/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : Controller for a power converter and method of operating the same

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:EP11154344	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:14/02/2011	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:EPO	MUNCHEN GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Brogan; Paul Brian
(87) International Publication No	: NA	2)Fulcher; Robert Vernon
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a controller (116) for a converter (102) and a respective method of operating such a controller (116). The converter (102) receives an input power and provides an output power by a switching operation wherein in an embodiment the output power has at least two phases. In accordance with embodiments the controller (116) comprises an input (118) for receiving a feedback signal (114) depending on the output power of the converter (102); and an output for providing a control signal (122) to the converter (102) to thereby control the switching operation of the converter (102) the control signal (122) corresponding to a switching pattern that is updated in response to the feedback signal (114); the control signal (122) including an harmonic compensation signal (123) which reduces higher harmonics in the output power the higher harmonics originating from a time delay between taking the feedback signal
(contd.)

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3825/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : Method of detecting wrinkles in a fiber reinforced laminated structure and auxiliary device for performing thermal scans of a fiber reinforced laminated structure

(51) International classification	:G05C	(71) Name of Applicant :
(31) Priority Document No	:EP11156216	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:28/02/2011	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:EPO	MUNCHEN GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Nielsen; Per
(87) 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 :

Method of detecting wrinkles in a fiber reinforced laminated structure and auxiliary device for performing thermal scans of a fiber reinforced laminated structure A method of detecting wrinkles (3) in a fiber reinforced laminated structure (1) is provided. In this method - the structure (1) is locally heated or cooled the location of the heating or cooling being moved along a defined path (7) - the temperature of the structure (1) is measured at a measuring location being different from the location of the heating or cooling the measuring location being moved along the same path (7) as the location of the heating or cooling and - wrinkles (3) are detected from temperature anomalies found along the defined path (7).

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2011

(21) Application No.416/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR REMOVAL AND BIODEGRADATION OF ENGINE OIL FROM CONTAMINATED WATER BODIES

(51) International classification	:C07C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

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2)BHANDARI Anil

(72)**Name of Inventor :**

1)SHARMA Peeyush Kumar

2)BHANDARI Anil

(57) Abstract :

The present invention discloses an apparatus for removal and biodegradation of hydrophobic organic substances from contaminated water, especially for removal and biodegradation of used engine oils from water. The invention also discloses a process for removal and biodegradation of hydrophobic organic substances from contaminated water, especially for removal and biodegradation of used engine oils from water.

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.50/DEL/2012 A

(43) Publication Date : 18/01/2013

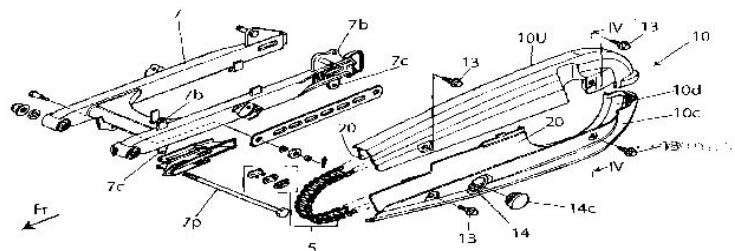
(54) Title of the invention : CHAIN CASE STRUCTURE FOR SADDLE-RIDE TYPE VEHICLE

(51) International classification	:B62H	(71) Name of Applicant :
(31) Priority Document No	:2011-061168	1) HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN
(32) Priority Date	:18/03/2011	(72) Name of Inventor :
(33) Name of priority country	:Japan	1) ICHIRO SUDO 2) MASAYUKI IDE 3) AKIRA KOMAKI 4) SHUICHI KAWAMOTO
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 chain case structure for a saddle-ride type vehicle is provided, in which a chain case does not easily deform even when the amount of oil applied to a drive chain exceeds the proper amount. [Constitution] The chain case structure comprises a drive sprocket (3) outputting a driving force from a power source, a driven sprocket (4) coupled to a rear wheel, a drive chain (5) wound between the drive sprocket (3) and the driven sprocket (4) and transferring the driving force of the drive sprocket (3) to the driven sprocket (4), and a chain case (10) made of resin and covering the drive chain (5). An oil impermeable element (20) is provided on an inner surface of the chain case (10) and inhibits oil from penetrating the chain case (10). [Selected Drawing] Fig. 2

FIG. 2



No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3833/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PROCESS FOR RECOVERY OF INDUSTRIAL WATER, DECONTAMINATION AND DRYING OF VINASSE BY MICRONIZATION AND FORMULATION OF AN ORGANIC MINERAL FERTILIZER MADE FROM VINASSE

(51) International classification	:A01H	(71) Name of Applicant :
(31) Priority Document No	:PI1100645-5	1)BIOMASSA COMERCIO DE RACOES, ENERGIA E ADUBOS LTDA.
(32) Priority Date	:18/01/2011	Address of Applicant :RUA BENJAMIN CONSTANT, 61, 4º. ANDAR, CONJUNTO 44, CEP 01005-000, SE, SAO PAULO/SP, BRASIL
(33) Name of priority country	:Brazil	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)LUIZ ANTONIO STAMATIS DE ARRUDA SAMPAIO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process for recovery of industrial water, decontamination and drying of vinasse by micronizing procedure and formulation of an organic mineral fertilizer made from vinasse, and more particularly an instant industrial process related to the transformation of vinasse, that is, transformation of the residues from the ethanol production process carried out in the sugar-cane processing plants into an agricultural fertilizer whereof vinasse is initially concentrated in solids through a molecular sieve. The vinasse then concentrated is dried in a micronizing and drying mill equipment and is transformed into a dry powder that, after being properly packed, is generally used as an agricultural fertilizer.

No. of Pages : 11 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3834/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 3D IMAGE CINEMA SYSTEM

(51) International classification	:G01B	(71) Name of Applicant :
(31) Priority Document No	:10-2011-0006109	1)HAE-YONG CHOI Address of Applicant :MOOKDONG 1 PARK APARTMENT #108-301 385 MOOK-DONG, JUNGRYANG-GU SEOUL-CITY 131-768, Republic of Korea
(32) Priority Date	:21/01/2011	
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No Filing Date	:NA	1)HAE-YONG CHOI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Provided is a 3D image cinema system through which in one projection room one 3D image or 2D image is divided forward and rearward to be projected on a front screen and a rear screen which are provided in a front end and a rear end of the projection room, respectively. Further, a front direction chair and a rear direction chair having a different viewing direction are provided on a front step and a rear step between the projection room and the front and rear screens wherein the theater can be easily installed in a general building and the 3D and 2D image as 1.5-2 times wide as a prior image can be viewed.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.59/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MULTIPLE HEAD DRAW FRAME AND METHOD FOR CHANGING OUT CANS ON A MULTIPLE HEAD DRAW FRAME

(51) International classification	:B23B
(31) Priority Document No	:10 2011 003 048.4
(32) Priority Date	:24/01/2011
(33) Name of priority country	:Germany
(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)RIETER INGOLSTADT GMBH

Address of Applicant :FRIEDRICH-EBERT-STRÆ 84,
85055 INGOLSTADT, GERMANY

(72)Name of Inventor :

1)ARMIN BRUNNER

(57) Abstract :

The invention relates to a multiple head draw frame having at least two drafting systems (3) disposed adjacent to each other for drawing one fiber composite (2) each, wherein an outlet for the drafted fiber material (5) and a storage device disposed in the area of the outlet for storing the fiber material (5) in a can (8) are associated with each drafting system (3), and a filling point (13) is associated with each storage device, one can (8) each being placed in the area thereof during the storage process. According to the invention, a common rotatable can changer is associated with at least two filling points (13), by means of which the cans (8) can be displaced in a joint movement from the filling points (13) thereof to corresponding removal points (15). The invention further relates to a method for changing cans (8) on a multiple head draw frame, characterized in that a can changer associated jointly with at least two filling points (13) is set into rotation after completion of the filling process, such that at least two of the at least partially filled cans (8) are displaced in a joint movement from the filling points (13) thereof into the area of corresponding removal points (15).

(Figure 7)

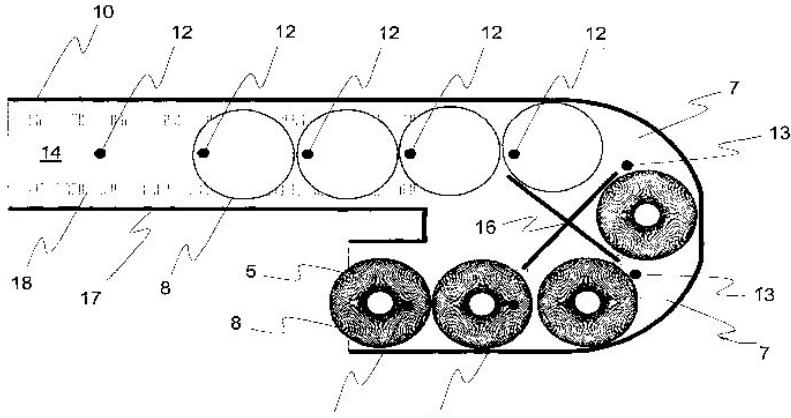


Fig. 7

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.60/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELLIPTICAL SEALING SYSTEM

(51) International classification

:B23B

(31) Priority Document No

:12/986226

(32) Priority Date

:07/01/2011

(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)Abstract :

The present application provides an elliptical sealing system (140) for use with a rotor (120) and a stator housing (130) of a rotary machine (100). The elliptical sealing system (140) may include a number of sealing segments (260) with an abradable coating (170) thereon. The sealing segments (260) with the abradable coating (170) thereon may have a substantially elliptical shape (240). A number of biasing members (180) may be in communication with the sealing segments (260) and the stator housing (130).

No. of Pages : 16 No. of Claims : 12

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)LUSTED RODERICK MARK

2)GHASRIPOOR FARSHAD

3)BRISSON BRUCE WILLIAM

4)SARRI FRANCO

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.3680/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTRIC MOTOR STRUCTURE TO MINIMIZE ELECTRO-MAGNETIC INTERFERENCE

(51) International classification

:B23B

(31) Priority Document No

:12/977800

(32) Priority Date

:23/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

An electric motor (128) is configured with a stator core assembly that includes a stator core having a plurality of winding slots. A plurality of stator windings pass through the plurality of winding slots that include slot liners configured to provide electrostatic shields surrounding the plurality of stator windings. The electrostatic shields are referenced to an electrical location (124) to reduce common mode currents associated with the electric motor (128).

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)SCHUTTEN, MICHAEL JOSEPH

2)SHAH, MANOJ RAMPRASAD

3)PRABHAKARAN, SATISH

4)THOMAS, ROBERT JAMES

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.3798/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : LAMINOUS MULTI-POLYMERIC HIGH AMPERAGE OVER-MOLDED CONNECTOR ASSEMBLY FOR PLUG-IN HYBRID ELECTRIC VEHICLE CHARGING

(51) International classification	:B03C	(71) Name of Applicant :
(31) Priority Document No	:61/430,456	1)GENERAL CABLE TECHNOLOGIES CORPORATION
(32) Priority Date	:06/01/2011	Address of Applicant :4 TESSENEER DRIVE, HIGHLAND HEIGHTS, KENTUCKY 41076, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)SEBALD, DAMIEN T.
(87) International Publication No	:NA	2)SMITH, BRIAN T.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In an electrical connector for an electric vehicle, the spring latch is not sealed; instead, the connector body has holes allowing water entering the spring latch mechanism to drain harmlessly out of the connector. A forward-facing LED or other light source acts as a flashlight. Once the connector is connected, the forward-facing LED is switched off, and a rear-facing LED or other light source is switched on to confirm that the connector is connected and capable of charging the vehicle. The connector is produced by overmolding in a three-layer configuration, where each layer is formed of a material having advantageous materials for that layer's position in the connector.

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3837/DEL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A WIND TURBINE BLADE TESTER

(51) International classification	:B23B
(31) Priority Document No	:1103861.9
(32) Priority Date	:07/03/2011
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VESTAS WIND SYSTEMS A/S

Address of Applicant :HEDEAGER 44 8200 ARHUS N.
Denmark

(72)Name of Inventor :

1)GUY, STUART

2)ERSKINE, TIM

(57) Abstract :

A wind turbine blade tester 100 comprising a pair of linearly reciprocable actuators 104, such as hydraulic actuators. Each of the actuators 104 is arranged to deliver a stroke to a wind turbine blade 102 being tested. The stroke delivered by each of the actuators 104 provides a controlled force in both the edgewise and flapwise directions.

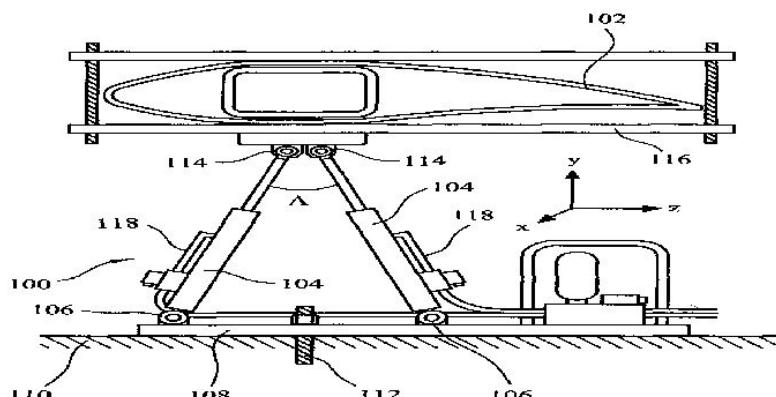


FIG. 2

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.51/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MOTOR DRIVEN VEHICLE

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:2011-031195	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:16/02/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)SHINJI KAWASAKI 2)HIROMI IWAKUMA 3)TAKAHIRO OYAMA 4)SHUJIRO INUI 5)NA 6)KOHEI ASAI 7)MINEHIRO MATSUOKA
(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 :

A motor driven vehicle is provided that has a vehicle side terminal housing structure that is less likely to influence the volume of a storage box while being made less susceptible to rainwater and the like. [Solving Means] A motor driven vehicle includes a seat (2) on which a rider sits; a storage box (3) installed below the seat (2); a side cover (30) covering the side of the storage box (3); a battery (40) mounted on the vehicle; and a motor (50) driven by the electric power of the battery (40) to power the vehicle. The side cover (30) is formed as a cover including an upper inclined surface (31) and a lower inclined surface (32). The upper inclined surface (31) extends outward downward from below the seat. The lower inclined surface (32) bends from a lower end portion (31b) of the upper inclined surface (31) and extends inward downward. The lower inclined surface (32) is provided with a terminal-housing recessed portion (33) and a lid (34) covering the terminal-housing recessed portion. The terminal-housing recessed portion (33) houses a vehicle side terminal (41) to be connected to a terminal (60, 47c) of an external electric source used to charge the battery (40).

No. of Pages : 37 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.61/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PRODUCTION OF BOUND PAPER PRODUCTS

(51) International classification	:B23B
(31) Priority Document No	:102011002490.5
(32) Priority Date	:10/01/2011
(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

(71)Name of Applicant :

1)KUGLER-WOMAKO GMBH

Address of Applicant :SCHLOSSERSTRAE 15, 72622
NURTINGEN (DE) Germany

(72)Name of Inventor :

1)FUCHS, FERDINARD

(57) Abstract :

The invention relates to a method for producing bound flat parts, each having a sheet stack (14), particularly paper products. The method provides that a) an unbound sheet stack (14) is conveyed from a sheet stack dispensing device (30) into a cassette (22) of a circulating conveyor (20), where the sheet stack (14) is received into the cassette (22), b) after receiving the sheet stack (14) to be bound in the cassette (22), the circulating conveyor (20) is driven so that the cassette (22) with the sheet stack (14) is conveyed further, and in a further method step, the cassette (22) with the sheet stack (14) is delivered to a binding apparatus (42), c) the sheet stack (14) in the cassette (22) is bound at the binding apparatus (42) in such a way that fingers (151), designed as binding tongues, are disposed in perforations of the sheet stack (14), preferably provided with perforations, wherein the fingers (151) are curved in the shape of a spiral, wherein a preferably adhesive-free area of the fingers (151) is, in each case, brought into overlapping contact with an area of the respective finger (151), preferably provided with adhesive, and/or wherein the overlapping contact areas of the fingers (151) will be, or are, bound together, preferably permanently, d) and in a subsequent method step, at a dispensing station (48), constructed at the circulating conveyor (20), the bound sheet stack (14) is removed from the cassette (22), and in a further subsequent step, the empty cassette (22) is delivered to the sheet stack dispensing device (30). The invention further relates to an apparatus for producing bound flat parts, each having a stack of sheets (14), particularly paper products.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.53/DEL/2012 A

(43) Publication Date : 18/01/2013

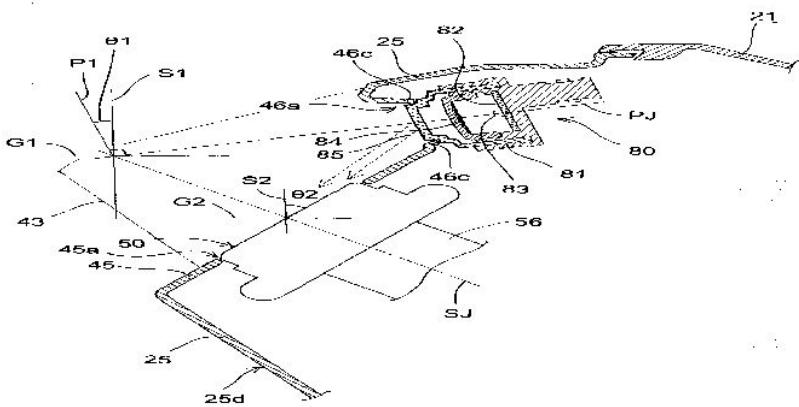
(54) Title of the invention : LIGHTING SYSTEM OF SADDLE-RIDE TYPE VEHICLE

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2011-068477	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:25/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)MASAHARU ANDO 2)KAZUHIRO HIRAKIDA 3)TEPPEI MATSUZAKI
(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 :

To provide a lighting system of a saddle-ride type vehicle which allows irradiating light to effectively illuminate a key switch regardless of the kind of light source and without being blocked by the hand of an occupant or a portable key. [Object] A planar inclined portion 45 which is inclined forward in such a manner that a side thereof in a vehicle body upward direction is located in a vehicle body forward direction relative to a side thereof in a vehicle body downward direction, and a planar rising-up portion 46 which stands up in the vehicle body upward direction from the inclined portion 45 are formed at a leg shield 25 arranged opposingly to an occupant. A combination switch 50 is provided in such a manner that a portion thereof which is illuminated by irradiating light of a switch illuminating lamp 80 is located in an opening portion 45a of the inclined portion 45. The switch illuminating lamp 80 is provided in such a manner that a light emitting surface thereof is located in an opening portion 46a of the rising-up portion 46. An axial direction SJ of a key cylinder 56 of the combination switch 50 and an irradiation direction PJ of the switch illuminating lamp 80 are crossed on a side of the combination switch 50 in a vehicle body rearward direction, when viewed in a side view of a vehicle body, whereby the combination switch 50 is illuminated from the vehicle body forward direction. [Selected Drawing] Fig. 8

FIG. 8



No. of Pages : 58 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.62/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEMS, METHODS, AND USER INTERFACES FOR DISPLAYING WAVEFORM INFORMATION

(51) International classification	:G09D
(31) Priority Document No	:13/009301
(32) Priority Date	:19/01/2011
(33) Name of priority country	:U.S.A.
(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)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)**Name of Inventor :**

1)WENHOLZ, BRIAN

2)COLACO, WILBUR CRUZ

3)MOORE, JUDY

4)RUSSELL-WOOD, KARSTEN

5)WOOD, ALISTAIR

(57) Abstract :

A system (100) for displaying physiological information. The system includes a graph module (122) that is configured to provide a two-dimensional virtual graph (154) having a time dimension (190) and a signal dimension (192). The virtual graph includes time indicators (157, 158, 159) that are spaced along the time dimension and signal indicators that are spaced along the signal dimension. The system also includes a waveform module (121) that is configured to obtain physiological signals as a function of time. The waveform module is configured to plot a waveform (152) based upon the physiological signals onto the virtual graph. A user interface (104) is configured to display the waveform and the virtual graph in a viewable area. The time and signal indicators of the virtual graph shift along the time dimension at a recording speed as the waveform is plotted. The plotted waveform has a fixed relationship with respect to the time and signal indicators and shifts at the recording speed.

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8902/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : EPIGENETIAC ENGINEERING

(51) International classification	:C12N 15/11
(31) Priority Document No	:09160340.7
(32) Priority Date	:15/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056583
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130800
(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)BOEHRINGER INGELHEIM INTERNATIONAL GMBH

Address of Applicant :BINGER STRASSE 173, 55216
INGELHEIM AM RHEIN, GERMANY

(72)Name of Inventor :

- 1)LORE FLORIN**
- 2)BARBARA ENENKEL**
- 3)MARTIN FUSSENEGGER**
- 4)HITTO KAUFMANN**
- 5)RAFFAELLO SANTORO**

(57) Abstract :

The invention concerns the field of cell culture technology. It concerns production host cell lines with increased expression of ribosomal RNA (rRNA) achieved through reducing expression of NoCR proteins, especially of TIP-5. Those cell lines have improved secretion and growth characteristics in comparison to control cell lines. The invention further concerns a method of producing proteins using the cells generated by the described method.

No. of Pages : 72 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8903/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CHO/CERT CELL LINES

(51) International classification	:C12N 15/67
(31) Priority Document No	:09159439.0
(32) Priority Date	:05/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056009
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/128032
(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)BOEHRINGER INGELHEIM INTERNATIONAL GMBH

Address of Applicant :BINGER STRASSE 173, 55216
INGELHEIM AM RHEIN, GERMANY

(72)Name of Inventor :

1)LORE FLORIN

2)ERIC BECKER

3)HITTO KAUFMANN

(57) Abstract :

The invention concerns the field of cell culture technology. The invention describes production host cell lines comprising vector constructs comprising a CERT S132 A expression cassette. Those cell lines have improved growth characteristics and high CERT S132A expression levels. The invention especially concerns two cell lines deposited with the DSMZ under the number DSM ACC2989 (CHO/CERT 2.20) and DSM ACC2990 (CHO/CERT 2.41). The invention further concerns a method of generating such preferred production host cells and a method of producing proteins using the two cell lines deposited with the DSMZ under the number DSM ACC2989 (CHO/CERT 2.20) and DSM ACC2990 (CHO/CERT 2.41).

No. of Pages : 61 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.44/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : LIGHTING DEVICE□

(51) International classification	:H03F	(71) Name of Applicant :
(31) Priority Document No	:100100898	1)TOP ENERGY SAVING SYSTEM CORP.
(32) Priority Date	:11/01/2011	Address of Applicant :3F. NO. 115 WU-KUNG 3RD RD. WUGU DIST. NEW TAIPEI CITY 24891 TAIWAN (R.O.C.)
(33) □ame of priority country	:Taiwan	(72) Name of Inventor :
(86) International Application No	:NA	1)TSAI WEN-KUEI
□iling Date	:NA	
(87) 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 is directed to a lighting device. A lighting unit includes at least one lighting string and each lighting string includes one or serial-connected lighting elements. An AC/DC power converter converts an AC voltage to a DC voltage therefore providing a current to the lighting unit. In one embodiment a detecting unit performs detection to generate a detect signal; in another embodiment a brightness adjusting unit after adjustment generates adjust signals that represent different brightness modes respectively. Subsequently a resistor network generates a control signal according to the detect signal or the adjust signal and a switch unit controls the brightness of the lighting unit according to the control signal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.5/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VALVE RELEASE MECHANISM

(51) International classification

:B21C

(31) Priority Document No

:12/987,443

(32) Priority Date

:10/01/2011

(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)SIMPSON GREGORY D.
2)LINHARES DENNIS L.
3)MURRAY KENNETH WILLIAM
4)GARDNER JODY L.**

(57) Abstract :

A valve release mechanism has an actuator, a ring, a plurality of ball bearings, and a retainer. The retainer is positioned adjacent an inner diameter of the ring and has a plurality of circumferentially spaced holes therein. Each circumferentially spaced hole receives one of the plurality of ball bearings, which are movable therein. The ring has channels and lands along its inner diameter that allow the ball bearings to move varying distances relative to the retainer. The lands contact the ball bearings when the ring is in a first position and the channels receive the ball bearings when the ring is in a second position. The poppet has a groove that is vertically aligned with circumferentially spaced holes in the retainer when the poppet is in a first closed position. The ball bearings are pressed into the groove in the poppet by the lands of the ring. The resulting interference of the ball bearings with poppet locks the poppet in the first closed position. The ring can be moved from the first closed position to a second position by the actuator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.58/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CONTAINER CLEANING PLANT

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:10 2011 002 721.1	1)KRONES AG Address of Applicant :BOEHMERWALDSTRASSE 5, 93073
(32) Priority Date	:14/01/2011	NEUTRAUBLING, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)MESSER, KARL-HEINZ
Filing Date	:NA	2)JOOST, HOLGER
(87) 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 container cleaning plant with at least one main cleaning stage and at least one pretreatment stage which each work with heated treatment liquids is described. To be able to energetically effectively operate such a container cleaning plant, it is suggested that the main cleaning stage and the pretreatment stage are connected to an engine-based cogeneration system via a common heat cycle with flow and return pipe to supply the stages with thermal energy, wherein the pretreatment stage is connected in the return pipe downstream of the main cleaning stage and can be operated as return condenser.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8917/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITION CONTAINING SORBITAN MONOCAPRYLATE AND ALCOHOL

(51) International classification	:A01N 43/08
(31) Priority Document No	:10 2009 022 445.9
(32) Priority Date	:23/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002918
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/136120
(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)PETER KLUG

2)SONJA GEHM

3)GUISEPPINA KLUTH

4)FRANZ-XAVER SCHERL

5)MAURICE FREDERIC PILZ

(57) Abstract :

The invention relates to liquid compositions which contain a) from 5 to 95% by weight of sorbitan monocaprylate and b) from 5 to 95% by weight of one or more alcohols of formula (1) R-OH (1), wherein R is a group consisting of carbon, hydrogen and optionally oxygen atoms with 5 to 12, preferably 6 to 11, carbon atoms, and the carbon atoms can be interlinked in a linear, branched and/or cyclic fashion via saturated, unsaturated and/or aromatic carbon-carbon bonds and the groups can also contain ether units and hydrogen atoms and/or hydroxyl groups can be bound to the individual carbon atoms. The liquid compositions are suitable for the production of cosmetic, dermatological or pharmaceutical products.

No. of Pages : 34 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8918/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MEDICAL INSTRUMENT WITH MULTIPLE FUNCTIONS FOR AN ENDOSCOPE

(51) International classification	:A61B 1/012
(31) Priority Document No	:0953308
(32) Priority Date	:19/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050976
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/133810
(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)AXESS VISION TECHNOLOGY

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TOURS, FRANCE

(72)Name of Inventor :

1)OLIVIER FRUCTUS

2)NICOLAS MATHIEU

(57) Abstract :

The invention relates to a medical instrument for an endoscope, the instrument comprising a flexible outer insertion tube (5) having a tubular wall possessing a proximal portion (6) for connection to an actuator support (3) and a distal portion (7) presenting an outlet section (8) and connected to a folding mechanism. The instrument comprises: an outer insertion tube (5) includes closure systems (10, 11) for closing its proximal portion (6) and its distal portion (7) to define an internal chamber (13) communicating beside the distal portion with the outside of the tube via at least one orifice (15) formed through the distal portion of the tubular wall, and beside the proximal portion, with a substance transit source (19); and a series of flexible tubular ducts (21) mounted independently of one another inside the insertion tube (5) passing through the chamber (13) and the closure systems (10, 11) in order to open out to the outside of the outlet section (8) of the distal portion (7) of the tube.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8921/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : REMOTELY-OPERATED MODE SHIFTING APPARATUS FOR A COMBINATION FLUID JET DECOCKING TOOL, AND A TOOL INCORPORATING SAME

(51) International classification	:C10B 33/00	(71) Name of Applicant :
(31) Priority Document No	:61/175,260	1) FLOWSERVE MANAGEMENT COMPANY
(32) Priority Date	:04/05/2009	Address of Applicant :5215 NORTH O'CONNOR BOULEVARD, SUITE 2300, IRVING, TEXAS 75039, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033470	1) DOUGLAS ADAMS
Filing Date	:04/05/2010	2) LLOYD D. HANSON
(87) International Publication No	:WO 2010/129499	3) ANDREW WORLEY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mode shifting apparatus for a decoking tool, a decoking tool and method of operating same. The apparatus includes features to make it rotatably and translationally responsive to changes in pressure of a decoking fluid such that the apparatus is cooperative with the tool and the decoking fluid in a first operating condition to establish a drilling mode with one or more of the tool's drilling nozzles, and in a second operating condition to establish a cutting mode with one or more of the tool's cutting nozzles. In one form, the apparatus includes one or more sets of tandem seals disposed along a component interface within the apparatus or between the apparatus and the tool to help redundantly isolate seizure-sensitive components within the apparatus from the pressurized decoking fluid. In another form, the apparatus includes a gas spring to counteract the forces imposed by the pressurized decoking fluid. In another form, the apparatus includes a manual override connection.

No. of Pages : 37 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8922/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 4-AZETIDINYL-1-PHENYL-CYCLOHEXANE ANTAGONISTS OF CCR2

(51) International classification	:C07D 401/08
(31) Priority Document No	:61/170,307
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031265
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/121046
(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)JANSSEN PHARMACEUTICA NV

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(72)Name of Inventor :

1)XUQING ZHANG

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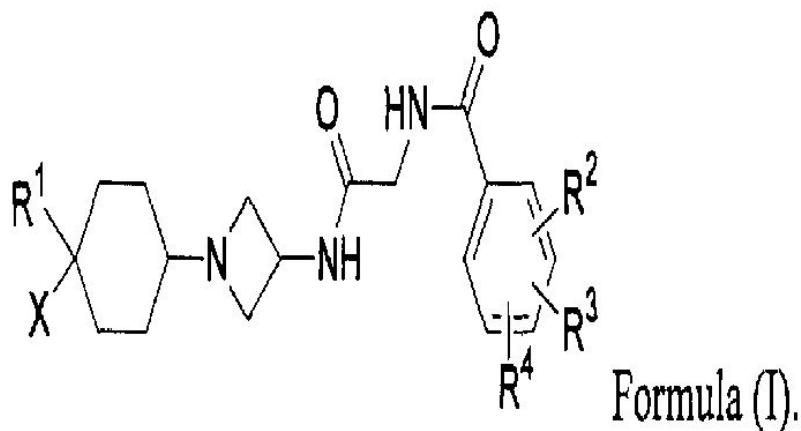
3)CUIFEN HOU

4)DANA L. JOHNSON

5)ZHIHUA SUI

(57) Abstract :

The present invention comprises compounds of Formula (I): Formula (I), wherein: X, R1, R2, R3, and R4 are as defined in the specification. The invention also comprises a method of preventing, treating or ameliorating a syndrome, disorder or disease, wherein said syndrome, disorder or disease is type II diabetes, obesity and asthma. The invention also comprises a method of inhibiting CCR2 activity in a mammal by administration of a therapeutically effective amount of at least one compound of Formula (I).



No. of Pages : 208 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8923/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MULTILAYER CONDUCTIVE FIBER AND METHOD FOR PRODUCING THE SAME BY COEXTRUSION

(51) International classification	:D01F 8/04
(31) Priority Document No	:0953507
(32) Priority Date	:27/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051026
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/136729
(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)ALEXANDER KORZHENKO

3)PHILIPPE POULIN

4)NOUR EDDINE EL BOUNIA

(57) Abstract :

The present invention relates to a multilayer conductive fiber having a core/shell structure, wherein the core contains nanotubes, in particular carbon nanotubes. The invention also relates to a method for producing said fiber by coextrusion and to the uses thereof. The invention finally relates to a composite material including the aforementioned multilayer composite fibers bonded together by weaving or using a polymer matrix.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8928/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMPROVED NOZZLES FOR A FLUID JET DECOCKING TOOL

(51) International classification	:C10B 33/00
(31) Priority Document No	:61/175,260
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033518
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129529
(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) MATTHEW J. PATTOM

2) LLOYD D. HANSON

(57) Abstract :

A fluid jet nozzle for a decoking tool, a decoking tool and method of operating same. The nozzle includes a nozzle assembly for use in a fluid jet decoking tool. The assembly includes a housing to hold one or more nozzles that are used to spray or otherwise distribute decoking fluid. An internal flowpath that extends from an inlet of the nozzle to an outlet of the nozzle defines a tapered shape such that when the decoking fluid passes through the nozzle, the flowpath produces a predominantly coherent flow pattern in the fluid.

No. of Pages : 21 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8929/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM FOR CONTROLLING THE TORQUE APPLIED TO THE WHEELS OF A VEHICLE PROVIDED WITH AT LEAST ONE ELECTRIC MOTOR

(51) International classification	:B60L 7/18
(31) Priority Document No	:0953084
(32) Priority Date	:11/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050768
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/130908
(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)JEAN-MARIE VESPASIEN

(57) Abstract :

The invention relates to a method for controlling the torque applied to the wheels (3,5) of a vehicle including at least one electric motor (8) connected to a battery (9) and connected to at least one driving wheel (5). The motor is capable of operating as a generator for recharging the battery when the vehicle slows down. A first braking adjustment travel and a second acceleration adjustment travel are applied to the movement of the acceleration pedal (18) of the vehicle, the braking adjustment travel being a continuously decreasing function relative to the charge of the battery.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8930/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FLAME RETARDANT THERMOPLASTIC COMPOSITION

(51) International classification	:C08K 3/00
(31) Priority Document No	:09162174.8
(32) Priority Date	:08/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056842
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/142519
(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)ANJA VANHALLE

2)HUGO VERBEKE

3)SANDRA MARIE LOUISE MEYNEN

(57) Abstract :

Flame retardant thermoplastic composition comprising at least one thermoplastic polymer, preferably a thermo-plastic polyurethane polymer, at least one conventional flame retardant and optionally at least one mineral filler together with modified polysiloxane in an amount of less than 1 % by weight based on the total composition, preferably between 0.1 and 0.9 % and most preferably between 0.25 and 0.75 % by weight, The thermoplastic compositions are useful in applications where low flame properties are desirable, such as wire and cable applications.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8932/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AZETIDINYLY DIAMIDES AS MONOACYLGLYCEROL LIPASE INHIBITORS

(51) International classification

:C07D 401/12

(31) Priority Document No

:61/171,658

(32) Priority Date

:22/04/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/032068

Filing Date

:22/04/2010

(87) International Publication No

:WO 2010/124102

(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)SHU-CHEN LIN

6)LI LIU

7)JOHN MABUS

8)MARK J. MACIELAG

9)MARK E. MC DONNELL

10)PHILIP M. PITIS

11)SUI-PO ZHANG

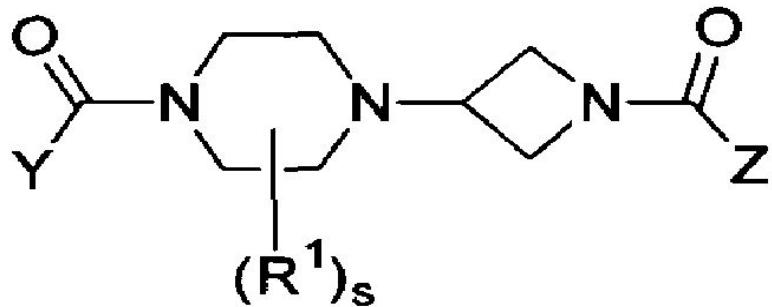
12)YUE-MEI ZHANG

13)BIN ZHU

14)JOSE CLEMENTE

(57) Abstract :

Disclosed are compounds, compositions and methods for treating various diseases, syndromes, conditions and disorders, including pain. Such compounds are represented by Formula (I) as follows: Formula (I) wherein Y, Z, R₁, and s are defined herein.



Formula (I)

No. of Pages : 468 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8933/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TERMINAL HAVING A CLAMPING SPRING

(51) International classification	:H01R 4/48
(31) Priority Document No	:A899/2009
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2010/055828
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/142494
(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)HARALD SCHWEIGERT

2)XIAOYONG HE

(57) Abstract :

The invention relates to a terminal (1) for at least one electrical conductor (5), comprising a terminal socket (2) and a clamping spring (3), wherein a clamping force applied by the clamping spring (3) clamps the electrical conductor (5) to the terminal socket (2), and wherein a screw (7) coupled to a support element is provided, by means of which at least one section of the clamping spring (5) can be moved relative to the terminal socket (2)

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8936/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTRICAL INSULATION MATERIALS AND METHODS OF MAKING AND USING SAME

(51) International classification	:H01B 3/44
(31) Priority Document No	:61/184,126
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037304
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141757
(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)MCGIVERN, DONALD R.

4)POMPEY, ERIC T.

(57) Abstract :

Electrical insulation material comprising a fiber component, a binder element, and a dielectric additive and having a dielectric strength measured in air in the range of from about 8.9 MV/m (225 V/mil) to about 15.7 MV/m (325 V/mil), a dielectric strength measured in oil of greater than about 23.6 MV/m (600 V/mil), and a continuous use temperature of from about -30C (-22F) to about 220C (428F). A method of making electrical insulation material, comprising preparing an aqueous slurry comprising a fiber component, forming the slurry into a sheet, saturating the sheet with a saturant, wherein the saturant comprises a binder and a dielectric additive, and drying the saturated sheet. A method comprising preparing an aqueous slurry comprising a fibrillated acrylic fiber, dilution hydroforming the slurry into a sheet, saturating the sheet with a saturant, wherein the saturant comprises a carboxylated styrene-acrylate copolymer and a fluoropolymer, drying the sheet, and providing the sheet for use as insulation on an electric conductor. FIG. I

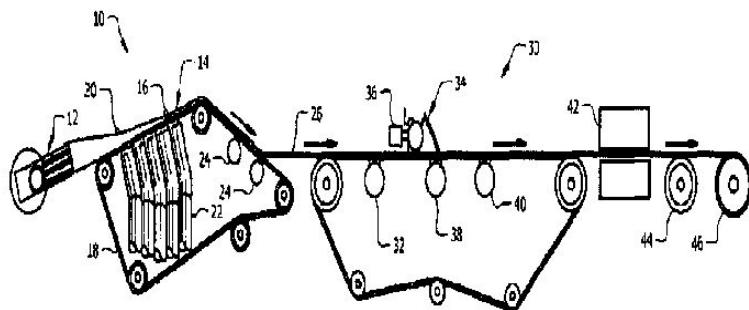


FIG. I

No. of Pages : 49 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.89/DELNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ROLLING FLUIDS

(51) International classification	:C10M 111/02
(31) Priority Document No	:FR 09/03277
(32) Priority Date	:03/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/053055
Filing Date	:02/07/2010
(87) International Publication No	:WO 2011/001414
(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)GENET, NICOLE

2)JARNIAS, FREDERIC

(57) Abstract :

The invention relates to a cold rolling fluid including: (a) a hydrocarbon base including at least 50wt. % of isoparaffins, (b) one or more frictional modifiers selected from among fatty alcohols, fatty acids, fatty amines, fatty acid esters or polymer esters resulting from the esterification of alpha olefin copolymers and dicarboxylic acid using alcohols, (c) one or more phosphorus anti-wear and/or extreme pressure additives. The invention also relates to an emulsion containing the rolling fluid and to the use of said rolling fluid for the cold rolling of steel. Figure: 1

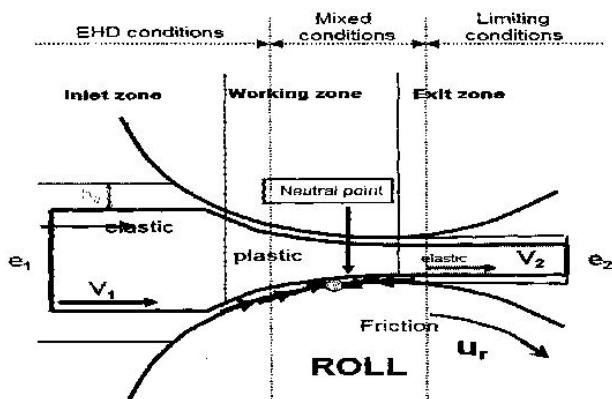


FIGURE 1 : DIAGRAM OF THE GAP: ENTRY, WORKING AND EXIT ZONES

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8900/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CONNECTING ELEMENT FOR CONNECTING A DATA SUPPLY UNIT TO A CONNECTING STRAND

(51) International classification	:H04L 12/10
(31) Priority Document No	:10 2009 027 020.5
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/055464 :23/04/2010
(87) International Publication No	:WO 2010/145872
(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)SCHNEIDER, MICHAEL

3)RAPP, PETER

(57) Abstract :

Described herein is a connecting element (40) for connecting a data supply unit (12, USS) to a connecting strand (30). The connecting element (40) includes a first interface (41) having a first contact connector (43a), a second contact connector (43b), a third contact connector (43c) and a fourth contact connector (43d) and a fifth contact connector (43e), which are connected to each other in an electrically conductive manner. The connecting element (40) further comprises a second interface (42) for supplying energy to the data supply unit (12) and for forwarding data of the data supply unit (12). The second interface (42) includes a first connection contact (44a) for supplying energy to the data supply unit (12) and is connected to the first contact connector (43a) and/or the second (43b) contact connector. The second connection contact (44b) forwards data and is connected to the third contact connector (43c), which supplies energy to the data supply unit (12).

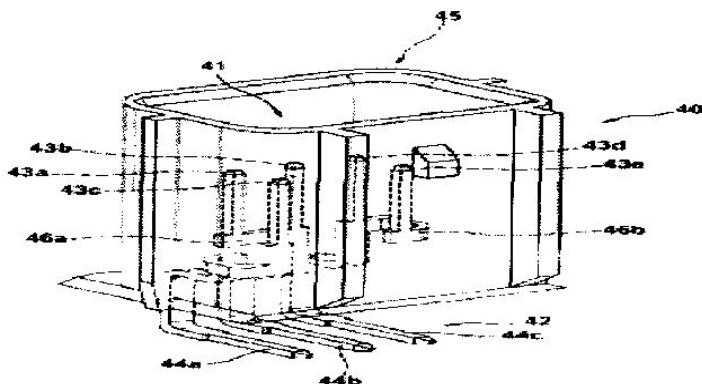


Fig. 4

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8901/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MULTILAYER COATING, PRODUCTION AND USE THEREOF FOR THE ADHESION OF GLASS PANES

(51) International classification	:C09D 161/00	(71) Name of Applicant :
(31) Priority Document No	:10 2009 018 249.7	1)BASF COATINGS GMBH
(32) Priority Date	:21/04/2009	Address of Applicant :GLASURITSTR. 1, 48165 MUNSTER, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/002434	1)NORBERT LOW
Filing Date	:21/04/2010	2)JORN LAVALAYE
(87) International Publication No	:WO 2010/121794	3)ALEXANDRA STEFFENS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multilayer coating comprising (A) a multicoat paint system comprising (A1) at least one basecoat of a basecoat material comprising at least one melamine resin, and (A2) at least one clearcoat as the topmost coat of the multicoat paint system, and (B) an adhesive layer of a moisture-curing, isocyanate-based adhesive directly atop the topmost clearcoat layer of the multicoat paint system, wherein (i) all amino resins present in the basecoat material are fully methylolated, fully etherified melamine resins in which at least 90% of the etherified methylol groups are etherified with butanol, and (ii) the basecoat material contains at least 1.0% by weight, based on the total weight of the basecoat material, of at least one polyester binder having a hydroxyl number of at least 240 mg KOH/g and an acid number of not more than 10 mg KOH/g, and also a corresponding basecoat material and method of producing, and use of, the multilayer coating for adhesively bonding glass sheets.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8941/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ADAPTIVE VIRTUAL KEYBOARD FOR HANDHELD DEVICE

(51) International classification	:G06F 3/041
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069931
Filing Date	:31/12/2009
(87) International Publication No	:WO 2010/147611
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8403/DELNP/2011
Filed on	:31/10/2011

(71)**Name of Applicant :**

1)INTEL CORPORATION

Address of Applicant :2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CALIFORNIA 95052, U.S.A.

(72)**Name of Inventor :**

1)FERREREN, BRAN

(57) Abstract :

The present invention relates to an apparatus, comprising: a handheld electronic device including a touchscreen for displaying a virtual keyboard, wherein the device is to: detect a contact patch when the touchscreen is touched by a user; determine an active point for the contact patch; determine a hot spot for each of multiple keys located near the active point; select a particular key from among the multiple keys as a key intended by the user; and include a particular character represented by the particular key as a character in an ongoing stream of text input by the user.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8925/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CHEMICALLY PROGRAMMABLE IMMUNITY

(51) International classification	:C07H 19/00
(31) Priority Document No	:61/175,602
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033716
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/129666
(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)ALTERMUNE TECHNOLOGIES, LLC

Address of Applicant :400 GOLDENROD AVENUE,
CORONA DEL MAR, CA 92625, U.S.A.

(72)Name of Inventor :

1)KARY B. MULLIS

2)JEEVALATHA VIVEKANANDA

3)JOHNATHAN LLOYD KIEL

4)RONALD M. COOK

(57) Abstract :

Methods and compositions for immediately immunizing an individual against any molecule or compound are provided. The present invention is directed to an immunity linker with at least two sites; (1) at least one first binding site that binds to an immune response component in an individual, and (2) at least one second binding site that binds specifically to a desired compound or molecule, the target. The second binding sites are preferably thiolated aptamers that have the benefit of increased stability, resistance to degradation and longer circulating half life. Methods of making and using pharmaceutical compositions including immunity linker molecules having a thiolated aptamer are also provided.

No. of Pages : 43 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8926/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TOLL-LIKE RECEPTOR 3 ANTAGONISTS

		<p>(71)Name of Applicant : 1)JANSEEN BIOTECH, INC. Address of Applicant :800/850 RIDGEVIEW DRIVE, HORSHAM, PA 19044, U.S.A.</p> <p>(72)Name of Inventor :</p> <p>1)MARK CUNNINGHAM 2)LANI SAN MATEO 3)ROBERT T. SARISKY 4)RAYMOND SWEET 5)ROBERT RAUCHENBERGER 6)MARK RUTZ 7)YIQING FENG 8)KATHARINE HERRINGA 9)JINQUAN LUO 10)FANG TENG 11)ALEXEY TEPLYAKOV 12)SHENG-JIUN WU</p>
(51) International classification	:C12P 21/06	
(31) Priority Document No	:61/173,686	
(32) Priority Date	:29/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/032964 :29/04/2010	
(87) International Publication No	:WO 2010/127113	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Toll Like Receptor 3 (TLR3) antibody antagonists, polynucleotides encoding TLR3 antibody antagonists or fragments thereof, and methods of making and using the foregoing are disclosed.

No. of Pages : 271 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8964/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PELLETIZED LOW MOLECULAR WEIGHT BROMINATED AROMATIC POLYMER COMPOSITIONS

(51) International classification	:C08F 6/00	(71) Name of Applicant :
(31) Priority Document No	:61/174,885	1)ALBEMARLE CORPORATION
(32) Priority Date	:01/05/2009	Address of Applicant :451 FLORIDA STREET, BATON
(33) Name of priority country	:U.S.A.	ROUGE, LA 70801-1765, U.S.A.
(86) International Application No	:PCT/US2010/032905	(72) Name of Inventor :
Filing Date	:29/04/2010	1)GOVINDARAJULU KUMAR
(87) International Publication No	:WO 2010/127072	2)ARTHUR G. MACK
(61) Patent of Addition to Application Number	:NA	3)BO LIU
Filing Date	:NA	4)WILLIAM J. LAYMAN, JR.
(62) Divisional to Application Number	:NA	5)DOUGLAS W. LUTHER
Filing Date	:NA	

(57) Abstract :

Novel polymer compositions of specified formula are converted into pellets of this invention by process technology provided by this invention. By forming a melt blend of a polymer of such polymer compositions together with a modest amount of at least one thermoplastic polymer of at least one monoolefinic monomer having 2-12 carbon atoms per molecule, and converting the melt blend into pellets as described herein, pellets can be formed produce during production, handling, and use, almost no fines or air-entrainable dusts. The pellets have an array of additional superior properties and characteristics.

No. of Pages : 63 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8967/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : RUBBER COMPOSITION INCLUDING AN ORGANOSILANE COUPLING AGENT

(51) International classification	:C08K 5/548
(31) Priority Document No	:0902451
(32) Priority Date	:20/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/003114
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/133371
(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)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN

Address of Applicant :12 COURS SABLON F-63000 CLERMONT-FERRAND, FRANCE

2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)Name of Inventor :

1)KARINE LONGCHAMBON

2)JOSE CARLOS ARAUJO DA SILVA

3)NICOLAS SEEBOTH

(57) Abstract :

The invention relates to a rubber composition that can be used for the manufacture of tyres, based on at least: - one diene elastomer; - one sulphur-based crosslinking system; - one inorganic filler as reinforcing filler; one coupling agent of general formula I below:
$$(HO)_3.n R1n Si - Z - Sm - R2$$
 in which: - R1, which are identical or different, each represent a monovalent hydrocarbon-based group chosen from alkyls, which are linear or branched, cycloalkyls or aryls, having from 1 to 18 carbon atoms; - R2 represents a monovalent hydrocarbon-based group chosen from alkyls, which are linear or branched, cycloalkyls or aryls, having from 1 to 30 carbon atoms; - Z represents a divalent bonding group comprising from 1 to 18 carbon atoms; - n is an integer equal to 0, 1 or 2; and m is a number greater than or equal to 2.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8969/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DOPO-DERIVED FLAME RETARDANT AND EPOXY RESIN COMPOSITION

(51) International classification	:C07F 9/6571
(31) Priority Document No	:61/179,510
(32) Priority Date	:19/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035354
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/135393
(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)ALBEMARLE CORPORATION

Address of Applicant :451 FLORIDA STREET, BATON ROUGE, LOUISIANA 70801, U.S.A.

(72)Name of Inventor :

1)KIMBERLY M. WHITE

2)YU LI ANGELL

3)SCOTT E. ANGELL

4)ARTHUR G. MACK

(57) Abstract :

This invention relates to 9,10-Dihydro-9-Oxa-10-Phosphaphenanthrene-10-oxide derived additive flame-retardants, which are useful in epoxy resin compositions. The epoxy resin compositions may be used in making prepgres or laminates for printed wiring boards and composite materials.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8972/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PORTABLE ANTIMICROBIAL ULTRA VIOLET STERILIZER

(51) International classification	:A61L 2/10
(31) Priority Document No	:61/171,346
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031527
Filing Date	:17/04/2010
(87) International Publication No	:WO 2010/123785
(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)CAMPAGNA, KENNETH

Address of Applicant :22 NORTH SHORE DRIVE, HILTON,
NEW YORK 14468 (US) U.S.A.

(72)Name of Inventor :

1)CAMPAGNA, KENNETH

(57) Abstract :

The present invention relates to a sterilization unit consisting of a cubical enclosure which uses a sequenced supply of ozone and ultraviolet radiation in the C band (UVC) wave length to sterilize. In use, an article to be sterilized is positioned atop a glass plate mounted between two sources of UVC radiation sources and ozone is first supplied to the enclosure for a period of 15 seconds to 60 minutes followed by a supply of UVC radiation for a period of 15 seconds to 60 minutes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8937/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUS FOR TRANSFERRING DATA BETWEEN BODIES UNDERGOING ROTATION

(51) International classification	:G01D 21/00
(31) Priority Document No	:0907892.4
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/002807
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/127867
(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

Address of Applicant :HEDEAGER 44, 8200 ARHUS N.
Denmark

(72)Name of Inventor :

1)OLESEN, IB

(57) Abstract :

An apparatus for transferring data between bodies undergoing rotation is provided. The bodies in question may be wind turbine components such as a turbine drive shaft and a stationary part of the turbine, such as nacelle gearbox. A data or control signal can therefore be transmitted between a rotating member, such as a turbine blade, and equipment in the nacelle. The apparatus comprises two members that are placed adjacent and opposing one another, and on the opposing surface of which a number of electrical paths are provided. The closed electrical paths do not enclose the rotational axis. At least one of the loops is energised with a carrier high frequency oscillating signal to create a flux that threads the loop on the opposing member. Modulation of the carrier frequency allows signals to be transmitted between the members. FIG. 4

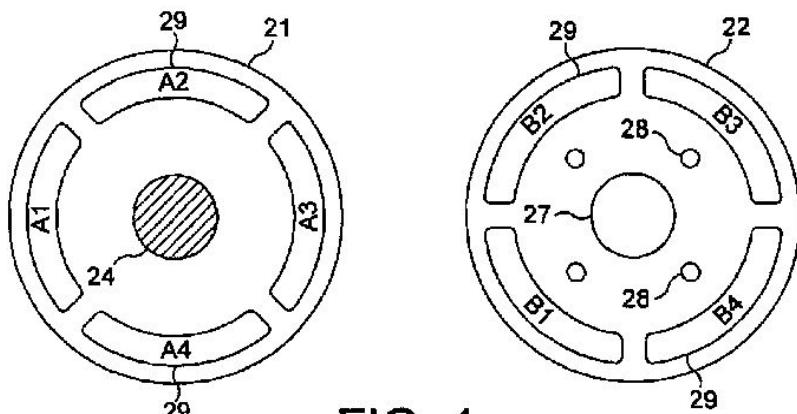


FIG. 4

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8939/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SELF-RETRACTING LIFELINE WITH RESERVE LIFELINE PORTION

(51) International classification	:A62B 35/04
(31) Priority Document No	:61/251,465
(32) Priority Date	:14/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050330
Filing Date	:27/09/2010
(87) International Publication No	:WO 2011/046732
(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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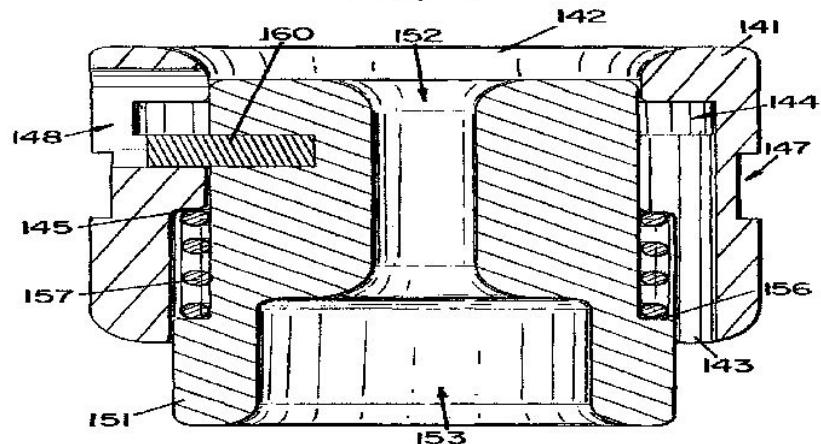
(72)Name of Inventor :

1)MEILLET, VINCENT, G.

(57) Abstract :

A self-retracting lifeline includes a reserve lifeline portion and comprises a housing, a drum rotatably operatively connected to the housing, and a lifeline. A stop member is operatively connected to an intermediate portion a distance from a first end of the lifeline. A bumper portion is operatively connected to the housing and includes a bore through which the lifeline extends, the bore being smaller than the stop member to prevent passage of the stop member through the bore and out of the housing. At least a portion of the bumper portion disconnects from the housing when a predetermined force is exerted on the bumper portion to allow the stop member to exit the housing. FIG. 13

FIG.13



No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8975/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ESTIMATING AND PROVIDING DISPATCHABLE OPERATING RESERVE ENERGY CAPACITY THROUGH USE OF ACTIVE LOAD MANAGEMENT

(51) International classification	:G05D 3/12
(31) Priority Document No	:61/215,725
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001354
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/129059
(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)CONSERT INC.

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SUITE 340 RALEIGH, NC 27609 U.S.A.

(72)**Name of Inventor :**

1)FORBES JR., JOSEPH W.

2)WEBB, JOEL, L.

(57) Abstract :

A utility employs a method for estimating available operating reserve. Electric power consumption by at least one device serviced by the utility is determined during at least one period of time to produce power consumption data. The power consumption data is stored in a repository. A determination is made that a control event is to occur during which power is to be reduced to one or more devices. Prior to the control event and under an assumption that it is not to occur, power consumption behavior expected of the device(s) is estimated for a time period during which the control event is expected to occur based on the stored power consumption data. Additionally, prior to the control event, projected energy savings resulting from the control event are determined based on the devices' estimated power consumption behavior. An amount of available operating reserve is determined based on the projected energy savings.

No. of Pages : 63 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8976/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INTEGRATED CIRCUIT PACKAGE HAVING SECURITY FEATURE AND METHOD OF MANUFACTURING SAME

(51) International classification	:H01L 23/544	(71) Name of Applicant :
(31) Priority Document No	:12/456,450	1)INTEL CORPORATION
(32) Priority Date	:16/06/2009	Address of Applicant :2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CA 95052, U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/029691	
Filing Date	:01/04/2010	
(87) International Publication No	:WO 2010/147694	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BHATE, DHRUV, P.
Filing Date	:NA	2)VORONOV, SERGEI L.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An integrated circuit package comprises a package substrate (210, 410), an electrically insulating material (220, 420) adjacent to the package substrate, and a mark (230, 420) on the electrically insulating material. The mark is such that a visual contrast between the mark and the electrically insulating material is maximized when the mark and the electrically insulating material are exposed to coaxial illumination. In one embodiment the electrically insulating material over the package substrate has a first surface roughness and a mark on the solder resist material has a second surface roughness that is no more than approximately twenty times greater than the first surface roughness.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8977/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INTELLIGENT GRAPHICS INTERFACE IN A HANDHELD WIRELESS DEVICE

(51) International classification	:G06F 3/048
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037994
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/147824
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8408/DELNP/2011
Filed on	:31/10/2011

(71)**Name of Applicant :**

1)INTEL CORPORATION

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(72)**Name of Inventor :**

1)FERREN, BRAN

2)JASMANN, SCHAWN

3)BUCK, MORGAN

(57) Abstract :

The present invention relates to an apparatus for presenting information, comprising a handheld electronic device for operation by a user, the electronic device comprising a processor, a memory, a radio, and a touchscreen, wherein the device is to create a cluster of related nodes by performing actions comprising: identifying a set of desired information; selecting a set of related nodes that are deemed likely to contribute to producing the set of desired information; activating the nodes to automatically perform interrelated actions to produce the set of desired information; and presenting the desired information to the user through visual and/or audible means.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8978/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INTELLIGENT GRAPHICS INTERFACE IN A HANDHELD WIRELESS DEVICE

(51) International classification	:G06F 3/048
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037994
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/147824
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8408/DELNP/2011
Filed on	:31/10/2011

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Address of Applicant :2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CALIFORNIA 95052, U.S.A.

(72)**Name of Inventor :**

1)FERREN, BRAN

2)JASMANN, SCHAWN

3)BUCK, MORGAN

(57) Abstract :

The present invention relates to an apparatus for presenting information to a user, comprising an electronic device for operation by the user, the electronic device comprising a processor, a memory, a radio, a speaker, and a touchscreen, wherein the device is to: obtain information for presentation to the user; determine multiple methods of presenting the information to the user; select at least one of the multiple methods based on status awareness; and present the information to the user with the selected method.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8979/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR SENDING APERIODIC CHANNEL QUALITY INFORMATION

(51) International classification	:H04W 16/00
(31) Priority Document No	:200910137309.4
(32) Priority Date	:22/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/070404
Filing Date	:28/01/2010
(87) International Publication No	:WO 2010/121502
(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)ZTE CORPORATION

Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN SHENZHEN, GUANGDONG 518057, CHINA

(72)Name of Inventor :

1)JIANG, JING

2)ZHANG, CHENCHEN

3)ZHANG, JUNFENG

(57) Abstract :

The present invention provides an aperiodic channel quality information sending method and a mobile terminal. The method comprises: a mobile terminal and network side pre-appointing one or more transmission modes which support the forming of dual flow beam, and aperiodic channel quality information CQI feedback mode(s) corresponding to the transmission modes ; the network side indicating the mobile terminal with one pre-appointed transmission mode to be adopted, wherein when the mobile terminal receiving the indication of adopting the one preappointed transmission mode, the mobile terminal adopts the aperiodic CQI feedback mode corresponding to the one pre-appointed transmission mode to feed back the CQI information to the network side. The method of the present invention facilitates the reduction of signaling overhead and feedback overhead, the increase of the feedback dimensionality of the channel information, and the improvement of the throughput of the system.

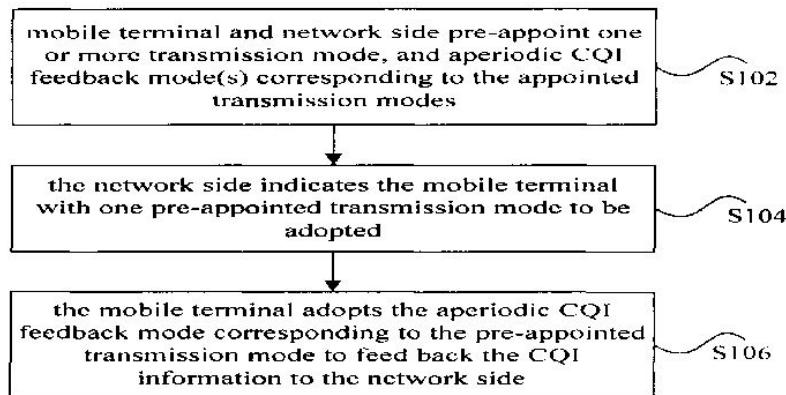


Fig.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8980/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR IDENTIFYING A TUBING SYSTEM FOR AN EXTRACORPOREAL BLOOD TREATMENT DEVICE

(51) International classification	:A61M 1/34
(31) Priority Document No	:10 2009 021 955.1
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002990
Filing Date	:15/05/2010
(87) International Publication No	:WO 2010/133319
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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BAD HOMBURG V.D.H. (DE) Germany

(72)Name of Inventor :

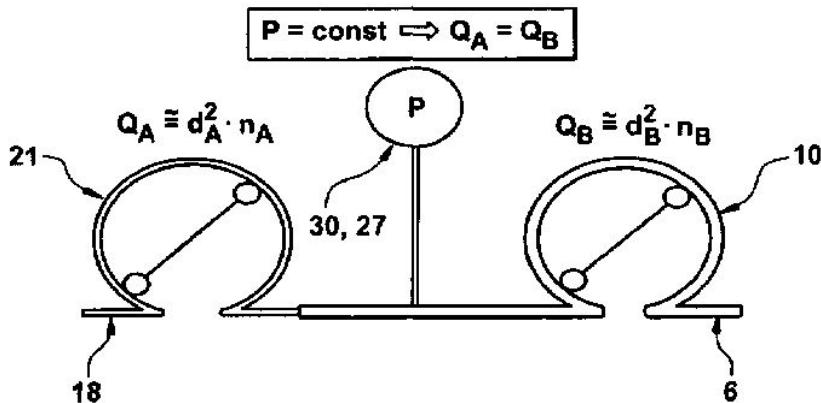
1)NURNBERGER, THOMAS

2)KLOFFEL, PETER

(57) Abstract :

The invention relates to an apparatus for extracorporeal blood treatment, comprising a device for detecting a tubing system to be placed in the blood treatment apparatus. The invention further relates to a method for detecting a tubing system to be placed in an extracorporeal blood treatment apparatus. The tubing system (6, 8, 18) is detected on the basis of the dependency of the flow rate Q, at which the fluid is delivered by at least one pump (22, 10) of the extracorporeal blood treatment apparatus in a tubing section (18, 6) of the tubing system, on the speed n at which the at least one pump is operated, and on the inner diameter d of the tube of the tubing section. Because the dependency of the flow rate on the pump speed and the tube cross section is known, a conclusion can be drawn as to whether a particular tubing system has been placed in the extracorporeal blood treatment apparatus. The cross section of the tube of a tubing section of the tubing system is thus used as an indicator for identifying the tubing system. Fig. 3

Fig. 3



No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8981/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ZYMMOMONAS WITH IMPROVED ARABINOSE UTILIZATION

(51) International classification	:C12N 1/21
(31) Priority Document No	:61/218,164
(32) Priority Date	:18/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038121
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/147835
(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)YANG, JIANJUN

(57) Abstract :

Several strains of arabinose-utilizing Zymomonas were engineered to express an arabinose-proton symporter which was found to provide the strains with improved ability to utilize arabinose. These strains have improved ethanol production in media containing arabinose, either as the sole carbon source or as one sugar in a mixture of sugars.

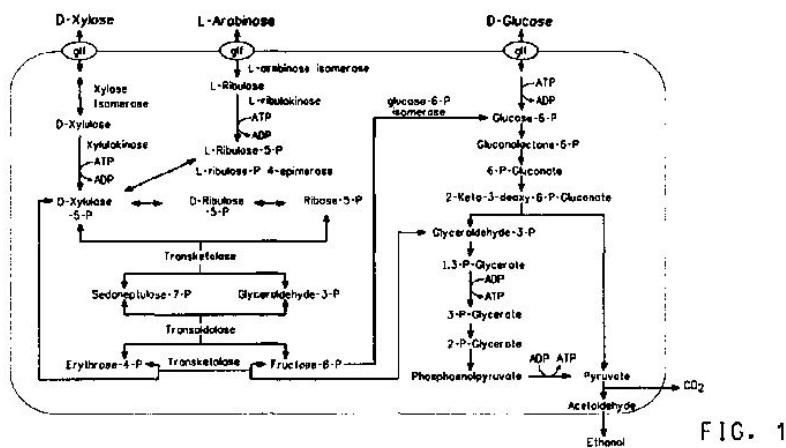


FIG. 1

No. of Pages : 137 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8982/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DENSITY PHASE SEPARATION DEVICE

(51) International classification	:B01L 3/14
(31) Priority Document No	:61/178,599
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034920
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/132783
(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)BECTON, DICKINSON AND COMPANY

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(72)Name of Inventor :

1)CRAWFORD, JAMIESON W.

2)ATTRI, RAVI

3)BATTLES, CHRISTOPHER A.

4)HIRES, GREGORY R.

5)BARTFELD, BENJAMIN

(57) Abstract :

A mechanical separator (40) for separating a fluid sample into first and second phases within a collection container (82) is disclosed. The mechanical separator may have a separator body having a through-hole (46) defined therein, with the through-hole adapted for allowing fluid to pass therethrough. The separator body includes a float (42), having a first density, and a ballast (44), having a second density greater than the first density. A portion of the float is connected to a portion of the ballast. Optionally, the float may include a first extended tab adjacent a first opening of the through-hole and a second extended tab adjacent the second opening of the through-hole. In certain configurations, the separator body also includes an extended tab band disposed about an outer surface of the float. The separator body may also include an engagement band circumferentially disposed about at least a portion of the separator body. The separator can be used for example for the separation of blood components.

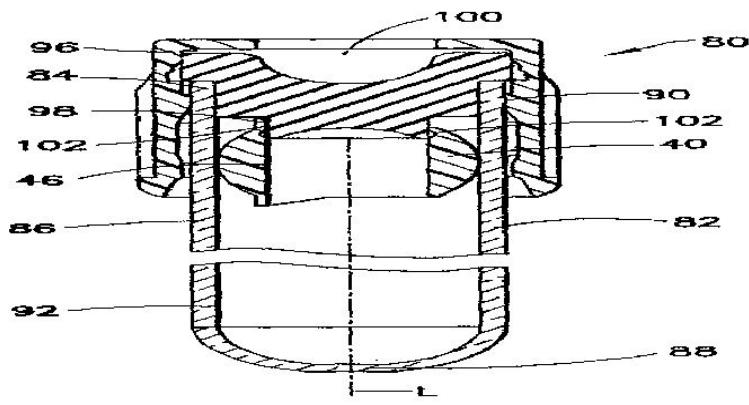


FIG.27

No. of Pages : 95 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8984/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AUTO-DIAGNOSTIC SYSTEMS AND METHODS FOR WIND-POWER GENERATORS

(51) International classification	:F03D 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/ES2009/070174
Filing Date	:21/05/2009
(87) International Publication No	:WO 2010/133720
(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)GAMESA INNOVATION & TECHNOLOGY, S.L.

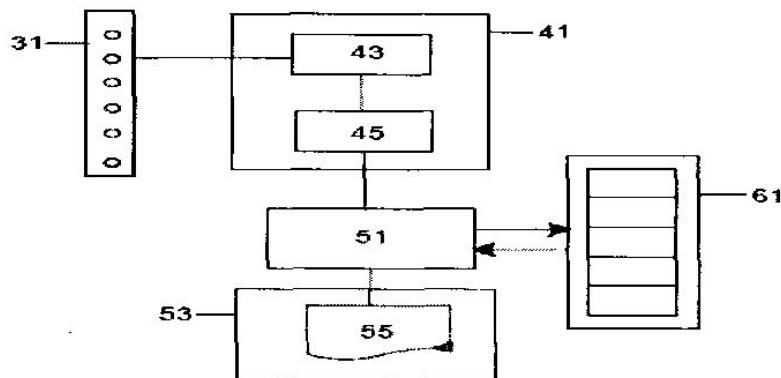
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(72)Name of Inventor :

1)LARRASOANA ALCONERO, MIKEL

(57) Abstract :

Systems and procedures for wind turbine self-diagnosis. According to the invention, the system includes: a) A module for the identification (41) of potentially defective components based on the signs provided by the active alarms (31) of the wind turbine's control system, including a module for the filtration of alarms (43); b) A test module (61) with a plurality of tests for verifying the availability of the wind turbine's functional units; c) A self-diagnosis module (51) which manages the selection and sequential execution of the tests (61) applicable to the potentially defective components using a weighted algorithm for the tests (61); d) A communications module (53) which manages the storage and transmission of the results (55) of the self-diagnosis to a control center (73). The invention also refers to a procedure for wind turbine self-diagnosis. Fig. 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8986/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HEAT RECOVERY APPRATUS

(51) International classification	:F24H 1/28
(31) Priority Document No	:AN2009A000023
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/001174
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/133951
(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)GABRIELE COMODI

(57) Abstract :

The subject of the disclosed invention is a heat generator (3) for thermal energy production connected through a conveyor (4; 41, 4101,42,43,4201, 4202,4203, 4204,4205) to one or multiple heat sources (2). The hot gases (F1, F2) generated by said one or multiple heat sources (2) are carried through said conveyor (4) to said heat generator (3) for recovery of their enthalpy content.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8987/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ROLLER SHUTTER HAVING A SMOOTH OUTER SURFACE

(51) International classification	:E06B 9/165
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/NL2009/050207
Filing Date	:17/04/2009
(87) International Publication No	:WO 2010/053357
(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)ALLEGONDA PETRONELLA GERARDA BEULEN

(57) Abstract :

A roller shutter comprises a series of links (2), each of which has a link plate (7) which determines two main surfaces (10, 11), two opposite longitudinal edges (8, 9) and two opposite transverse edges (12, 13), as well as eccentric hinge parts (4-6) which are situated near the longitudinal edges (8, 9), in each case two links (7) being hingedly connected to one another by means of the hinge parts (4-6), which series of links (2) can be brought into a rolled-up state, in which the links (2) are rotated with respect to one another, and an unrolled state in which the links (2) determine a substantially flat plane. Closure means (18) are provided on the longitudinal edges (8, 9), by means of which the link plates (7) are closed off with respect to one another in the unrolled, flat state of the series of link plates (7).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8945/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SOLID PREPARATION

(51) International classification	:A61K 9/00
(31) Priority Document No	:111381/2009
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057923
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/126168
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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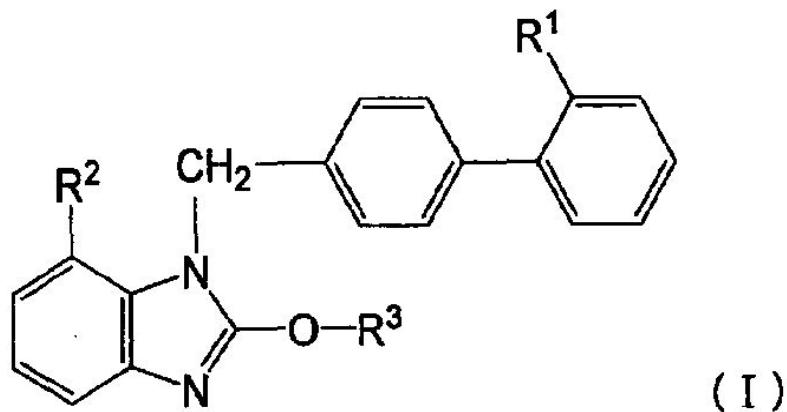
1)WATARU HOSHINA

2)MAKOTO FUKUTA

3)SHIGEYUKI MARUNAKA

(57) Abstract :

Provided is a solid preparation comprising (i) a compound represented by the formula (I): wherein each symbol is as defined in the specification, or a salt thereof, (ii) a sugar alcohol, and (iii) a calcium antagonist, which is superior in the dissolution property and stability.



No. of Pages : 80 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.8947/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CLAVULANATE FORMULATION FOR NEUROPROTECTION AND TREATMENT OF NEURODEGENERATIVE DISORDERS

(51) International classification	:A61K 9/00
(31) Priority Document No	:61/173,841
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032983
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/127125
(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)AHN CHANG HO

4)SCHOLTZ EDWARD CARL

5)HUH YOUNGBUHM

(57) Abstract :

The present invention generally relates to use of a stable solid pharmaceutical compositions that includes a clavulanate as the pharmaceutically active ingredients in an immediate-release or an extended-release solid dosage form. The composition can be used in a method of treating a neurodegenerative disease, providing neuroprotection, or preventing neuronal cell loss or death. Exemplary neurodegenerative diseases include Parkinson's disease, Alzheimer's disease and multiple sclerosis.

No. of Pages : 50 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8988/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MATTRESS

(51) International classification	:A47C 27/04
(31) Priority Document No	:2009-104658
(32) Priority Date	:23/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/007273
Filing Date	:25/12/2009
(87) International Publication No	:WO 2010/122625
(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)MICHIIRO FUKANO

(57) Abstract :

Provided is a mattress wherein the elastic characteristics of each portion can be changed simply and inexpensively depending on the user's preference. A mattress (10) has a plurality of spring units (60, 70, 80, 90) respectively constituted by holding a plurality of vertically stretchable pocket coils integrally, a lower elastic body (40) in which a housing space (44) capable of housing and holding the spring units (60, 70, 80, 90) is formed, and an upper enclosure (21) and a lower enclosure (30) for covering the outer periphery of the lower elastic body (40), wherein the lower elastic body (40) is provided with a partitioning elastic body (50) for dividing the housing space (44) into a plurality of spaces, and the spring units (60, 70, 80, 90) are formed in such a shape that each of the spring units can be housed in the divided housing spaces (44), and are housed and held in the respective divided housing spaces (44).

No. of Pages : 28 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8990/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SEALING MATERIAL AND METHOD FOR PREPARING THE SAME'

(51) International classification	:C09K 3/10
(31) Priority Document No	:2009-124845
(32) Priority Date	:25/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058601
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/137524
(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)YAMAMOTO TOMOHIRO

(57) Abstract :

A sealing material is provided, which has excellent sealing property, with cracks, fracture, and deformation being minimized. The sealing material of the invention is prepared by vulcanizing and foaming a mixture containing a rubber component containing a copolymer rubber of ethylene, an α -olefin having 3 or more carbon atoms, and a conjugated diene, a vulcanizing agent, and a blowing agent, and then subjecting the mixture to a cell breakage treatment, characterized in that the mixture further includes a fatty acid calcium salt and a fatty acid zinc salt.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8993/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR CREATING HIGH CARBON CONTENT PRODUCTS FROM BIOMASS OIL

(51) International classification	:C07C 1/00
(31) Priority Document No	:61/216,177
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001437
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/132123
(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)PARKER REGINALD

2)SEAMES WAYNE

(57) Abstract :

In a method for producing high carbon content products from biomass, a biomass oil is added to a cracking reactor vessel. The biomass oil is heated to a temperature ranging from about 100 °C to about 800 °C at a pressure ranging from about vacuum conditions to about 20,700 kPa for a time sufficient to crack the biomass oil. Tar is separated from the cracked biomass oil. The tar is heated to a temperature ranging from about 200 °C to about 1500 °C at a pressure ranging from about vacuum conditions to about 20,700 kPa for a time sufficient to reduce the tar to a high carbon content product containing at least about 50% carbon by weight.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8904/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMBINATORIAL ENGINEERING

(51) International classification	:C12N 15/67
(31) Priority Document No	:09160359.7
(32) Priority Date	:15/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056588
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130804
(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)MARTIN FUSSENEGGER
4)HITTO KAUFMANN
5)RAFFAELLA SANTORO**

(57) Abstract :

The invention concerns the field of cell culture technology. It concerns production host cell lines with increased expression of ribosomal RNA (rRNA) achieved through introduction of nucleic acids encoding UBF or reducing expression of NoRC proteins, especially of TIP-5. Those cell lines have improved secretion and growth characteristics in comparison to control cell lines. The invention further concerns a method of producing proteins using the cells generated by the described method.

No. of Pages : 85 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8906/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AZETIDINYLN DIAMIDES AS MONOACYLGLYCEROL LIPASE INHIBITORS

(51) International classification	:C07D 417/12
(31) Priority Document No	:61/171,649
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/032045 :22/04/2010
(87) International Publication No	:WO 2010/124082
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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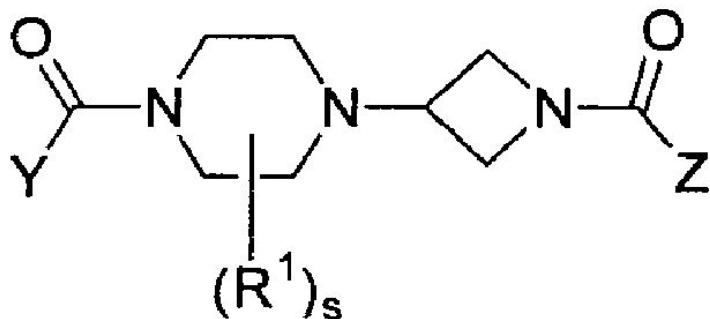
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- 5)SHU-CHEN LIN
- 6)LI LIU
- 7)JOHN MABUS
- 8)MARK J. MACIELAG
- 9)MARK E. MC DONNELL
- 10)PHILIP M. PITIS
- 11)SUI-PO ZHANG
- 12)YUE-MEI ZHANG
- 13)BIN ZHU
- 14)JOSE CLEMENTE

(57) Abstract :

Disclosed are compounds, compositions and methods for treating various diseases, syndromes, conditions and disorders, including pain. Such compounds are represented by Formula (I) as follows: Formula (I) wherein Y, Z, R₁, and s are defined herein.



Formula (I)

No. of Pages : 450 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8907/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AZETIDINYLY DIAMIDES AS MONOACYLGLYCEROL LIPASE INHIBITORS

(51) International classification	:C07D 205/04
(31) Priority Document No	:61/171,649
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/US2010/032082 :22/04/2010
(87) International Publication No	:WO 2010/124108
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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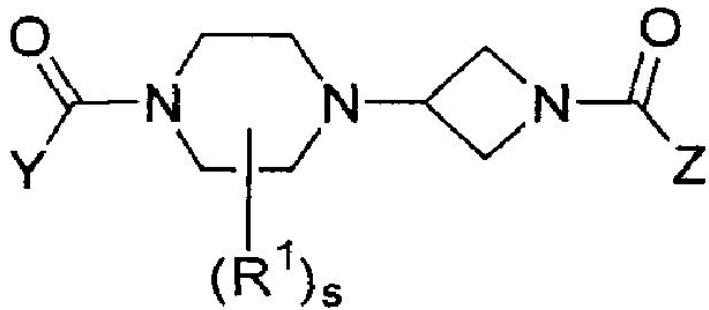
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- 8)MARK J. MACIELAG
- 9)MARK E. MC DONNELL
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- 11)SUI- PO ZHANG
- 12)YUE-MEI ZHANG
- 13)BIN ZHU
- 14)JOSE CLEMENTE

(57) Abstract :

Disclosed are compounds, compositions and methods for treating various diseases, syndromes, conditions and disorders, including pain. Such compounds are represented by Formula (I) as follows: Formula (I) wherein Y, Z, R¹, and s are defined herein.



Formula (I)

No. of Pages : 506 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8908/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AZETIDINYLN DIAMIDES AS MONOACYLGLYCEROL LIPASE INHIBITORS

(51) International classification	:C07D 401/10
(31) Priority Document No	:61/171,658
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/032095 :22/04/2010
(87) International Publication No	:WO 2010/124119
(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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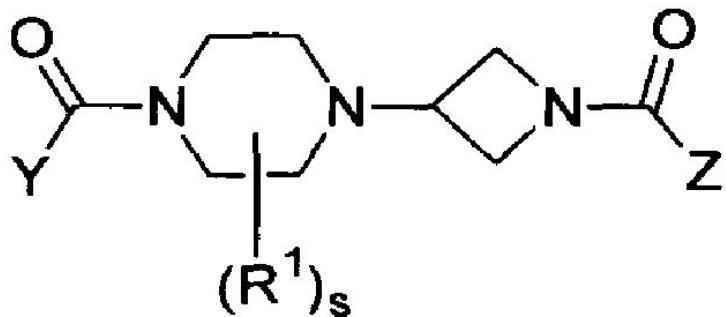
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- 9)MARK E. MCDONNELL
- 10)PHILIP M. PITIS
- 11)SUI-PO ZHANG
- 12)YUE-MEI ZHANG
- 13)BIN ZHU
- 14)JOSE CLEMENTE

(57) Abstract :

Disclosed are compounds, compositions and methods for treating various diseases, syndromes, conditions and disorders, including pain. Such compounds are represented by Formula (I) as follows: Formula (I) wherein Y, Z, R₁, and s are defined herein.



Formula (I)

No. of Pages : 457 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2011

(21) Application No.8910/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AZETIDINYLN DIAMIDES AS MONOACYLGLYCEROL LIPASE INHIBITORS

(51) International classification	:C07D 205/04
(31) Priority Document No	:61/171,649
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/032049 :22/04/2010
(87) International Publication No	:WO 2010/124086
(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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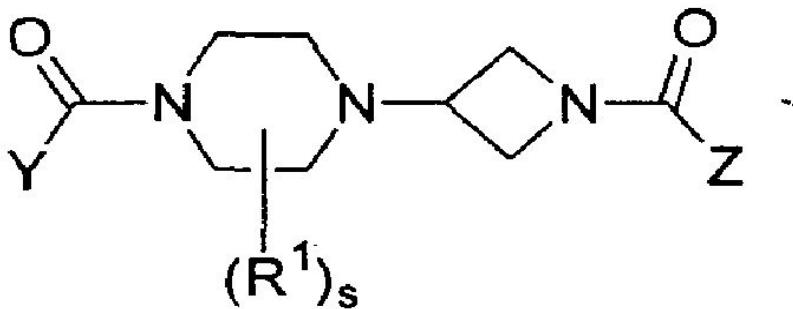
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- 13)BIN ZHU
- 14)JOSE CLEMENTE

(57) Abstract :

Disclosed are compounds, compositions and methods for treating various diseases, syndromes, conditions and disorders, including pain. Such compounds are represented by Formula (I) as follows: Formula (I) wherein Y, Z, R1, and s are defined herein.



Formula (I)

No. of Pages : 517 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.9/DEL/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FLASHLESS MOTION INVARIANT IMAGE ACQUISITION SYSTEM

(51) International classification

:A61H

(31) Priority Document No

:13/039,932

(32) Priority Date

:03/03/2011

(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

(57) Abstract :

A flashless image acquisition system that includes a tandem imaging device having a tandem field of view and comprising a velocity vector estimate imaging device coupled to an object imaging device; and a peripheral imaging device having a peripheral field of view wider than the tandem field of view and configured to acquire real-time information related to positions of a moving object, wherein the real-time information is provided to the tandem imaging device, further wherein the velocity vector estimate imaging device is configured to provide in-exposure velocity vector estimates to control the object imaging device is described.

No. of Pages : 30 No. of Claims : 16

(71)Name of Applicant :

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(72)Name of Inventor :

1)JAN JELINEK

2)SHARATH VENKATESHA

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.9/DELNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MULTI-STRAND CORD IN WHICH THE BASIC STRANDS ARE DUAL LAYER CORDS, RUBBERISED IN SITU

(51) International classification	:D07B 1/06
(31) Priority Document No	:0954592
(32) Priority Date	:03/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/059524
Filing Date	:05/07/2010
(87) International Publication No	:WO 2010/00963
(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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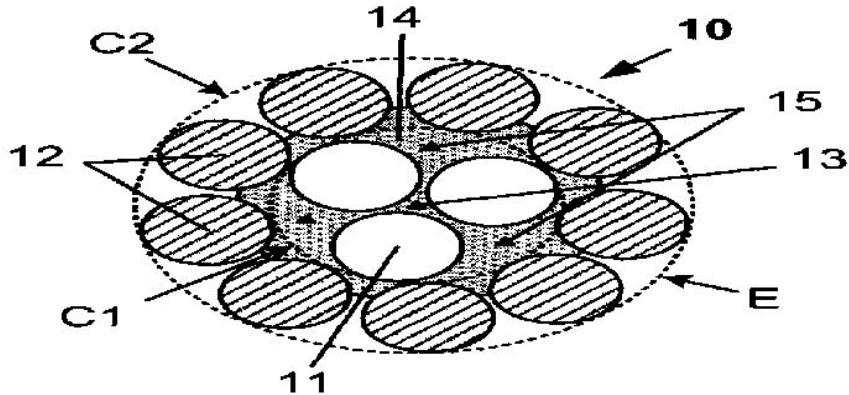
(72)Name of Inventor :

1)SANDRA BOISSEAU
2)HENRI BARGUET
3)THIBAUD POTTIER

(57) Abstract :

Multistrand metal cord (C-1) having two layers (C₁, C₂) of J+K construction, which can especially be used for reinforcing tyres for industrial vehicles, consisting of a core comprising J strands forming an inner layer (C₁), J varying from 1 to 4, around which core are wound, in a helix, with a helix pitch PK of between 20 and 70 mm, K outer strands forming an outer layer (C₂) around said inner layer (C₁), each outer strand: o consisting of a cord (10) having two layers (C₁, C₂) of L+M construction, rubberized in situ, comprising an inner layer (C₁) consisting of L wires (11) of diameter d₁, L varying from 1 to 4, and an outer layer (C₂) of M wires (12), M being equal to or greater than 5, of diameter d₂, which are wound together in a helix with a pitch p₂ around the inner layer (C₁); and o having the following characteristics (d₁, d₂ and p₂ being expressed in mm): - 0.10 < d₁ < 0.50; - 0.10 < d₂ < 0.50; - 6 < p₂

Fig. 1



No. of Pages : 41 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.8974/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DISPENSING CAP

(51) International classification	:A45F 3/16
(31) Priority Document No	:09160738.2
(32) Priority Date	:20/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056930
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/133654
(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)CAHEN, ANTOINE

2)CAHEN, PHILIPPE

(57) Abstract :

A top (1) of or for a cup or mug (2) for containing a flowable substance has: a covering body (10) arranged to cover the cup or mug, the body having a peripheral part (13) with a trough-opening (11) for an outflow of flowable substance from the cup or mug and with an air through-opening (12) for an inflow of air into the cup or mug; and a lid (20) movable relative to the covering body between an open position for allowing this outflow and this inflow, and a closed position for preventing them, the lid having a first part (21) and a second part (22) for obturating in the closed position the outflow through-opening and the inflow throughopening, respectively. These inflow and outflow through-openings are located opposite to one another on the peripheral part of the covering body. The lid extends in the closed position from adjacent the inflow through- opening across the covering body to adjacent the outflow through- opening.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9000/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ERGONOMIC ROTARY TACKER

(51) International classification	:A61B 17/068
(31) Priority Document No	:12/427,778
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031134
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/123739
(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)OFER RIMER

2)NIR ALTMAN

3)SHALOM LEVIN

4)ASAF LEVIN

5)IZHAK FABIAN

6)ARIK COHEN

(57) Abstract :

A tacker for applying a rotary tack, including a tacker (10) for applying a rotary rack (40), including a handle (12) with a first trigger assembly (14) and a second trigger assembly (16), the trigger assemblies (14, 16) being coupled to an articulated applicator arm (18) which is disposed through a drive shaft (20) connected to the handle (12), the first trigger assembly (14) operative to apply a rotary tack (40) from a distal end (22) of the applicator arm (18) and the second trigger assembly (16) operative to bend the distal end (22) of the applicator arm (18), wherein a longitudinal axis (C) of the handle (12) is tilted with respect to the drive shaft (20).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9002/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ORGANOSILANE COUPLING AGENT

(51) International classification	:C07F 7/08
(31) Priority Document No	:0902452
(32) Priority Date	:20/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/003117
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/133373
(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)KARINE LONGCHAMBON

2)JOSE CARLOS ARAUJO DA SILVA

3)NICOLAS SEEBOOTH

4)SERGEY IVANOV

(57) Abstract :

The invention relates to an organosilane of general formula I below: (HO)₂R₁Si-Z-Sm-R₂ in which: - R₁, which are identical or different, each represent a monovalent hydrocarbon-based group chosen from alkyls, which are linear or branched, cycloalkyls or aryls, having from 1 to 18 carbon atoms; R₂ represents a monovalent hydrocarbon-based group chosen from alkyls, which are linear or branched, cycloalkyls or aryls, having from 1 to 30 carbon atoms; - Z represents a divalent bonding group comprising from 1 to 18 carbon atoms; and - m is a number greater than or equal to 2.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9003/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PHARMACEUTICAL ORAL TELMISARTAN SOLUTION

(51) International classification	:A61K 9/16
(31) Priority Document No	:09160771.3
(32) Priority Date	:20/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056895
Filing Date	:19/05/2009
(87) International Publication No	:WO 2010/133638
(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)BOEHRINGER INGELHEIM VETMEDICA GMBH,
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(72)Name of Inventor :

1)DETLEF MOHR
2)STEFAN LEHNER

(57) Abstract :

A pharmaceutical solution, preferably a drinkable pharmaceutical solution of the active substance telmisartan is described, having a pH above 10 and additionally containing one or more sugar alcohols added to improve the flavour and shelf life, wherein the sugar alcohols or the pharmaceutical solution have a maximum content of 1000 ppm of reducing sugars.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9004/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification	:G06F 3/048	(71) Name of Applicant :
(31) Priority Document No	:2009-126949	1)SONY CORPORATION
(32) Priority Date	:26/05/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 108-0075, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/055682	1)REIKO MIYAZAKI
Filing Date	:30/03/2010	
(87) International Publication No	:WO 2010/137400	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is an information processing apparatus including a an operating tool detection unit that detects an indication direction of an operation tool in contact with a display panel and an operation identification unit that identifies a direction of an operation input by the operating tool, based on the detected indication direction of the operating tool. Thereby, the direction of the operation is detected based on the indication direction of the operating tool, so that an operation independent of an orientation of the display panel with respect to an operator becomes possible.

No. of Pages : 63 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9007/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTROMAGNETIC ACTUATOR WITH INTEGRATED PASSIVE DAMPER

(51) International classification	:F16F 15/03
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/003719
Filing Date	:26/05/2009
(87) International Publication No	:WO 2010/136049
(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)JOHANNES JACOBUS HUBERTUS PAULIDES

3)ELENA ANDREEVNA LOMONOVA

4)LAURENTIU ENCICA

5)BERNARDUS GERARDUS VAN LEEWWEN

(57) Abstract :

An electromagnetic actuator (100) comprises magnets (109, 111, 113, 115, 11), and a ferromagnetic structure (103) accommodating control conductors (119, 121, 123, 125). The magnets and the structure can move with respect to one another under control of control currents in the control conductors. The magnetic field in a gap (107) between the magnets and the ferromagnetic structure is oriented perpendicular to the direction of relative movement. The structure (103) accommodates damping conductors (127) that form closed loops of an electrically conductive material, different from the ferromagnetic material. The damping conductors (127) provide a damping force induced by the relative movement.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9008/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FAN ARRAY CONTROL SYSTEM

(51) International classification	:F04D 27/00
(31) Priority Document No	:61/225,364
(32) Priority Date	:27/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050052
Filing Date	:23/09/2010
(87) International Publication No	:WO 2011/056319
(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)HUNTAIR, INC.

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(72)Name of Inventor :

1)LARRY HOPKINS

2)BRIAN MOTLAND

3)MATTHEW GASSAWAY

(57) Abstract :

A fan array fan section in an air-handling system includes a plurality of fan units arranged in a fan array and positioned within an air-handling compartment. One preferred embodiment may include an array controller programmed to operate the plurality of fan units at peak efficiency by computing the power consumed in various configurations and selecting the configuration requiring minimum power to operate..

No. of Pages : 79 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9009/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AUTOMATED FLUID HANDLING SYSTEM

(51) International classification	:G01N 30/82
(31) Priority Document No	:0950431-7
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050624
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/144037
(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)MATS LUNDKVIST

(57) Abstract :

Automated fluid handling system comprising a housing and two or more fluid handling units arranged as interchangeable modular components with an external fluidics section and an internal non fluidics section, and wherein the housing comprises a liquid handling panel with two or more of component positions for receiving said interchangeable modular components such that the external fluidics section is separated from the non fluidics section by the liquid handling panel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9010/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COATING AGENTS AND COATINGS PRODUCED THEREFROM HAVING HIGH SCRATCH RESISTANCE AND HIGH BLISTERING RESISTANCE

(51) International classification	:C08G 18/16
(31) Priority Document No	:10 2009 024 103.5
(32) Priority Date	:06/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001421
Filing Date	:08/03/2010
(87) International Publication No	:WO 2010/139375
(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 :GLASURITSTR. 1, 48165 MUNSTER,
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(72)**Name of Inventor :**

1)ANDREAS POPPE

2)JOACHIM WOLTERING

3)BEATE GEBAUER

4)ALFRED KONIG

5)SIMONE JURCZIK

(57) Abstract :

The invention provides coating compositions comprising at least one compound (A) containing hydroxyl groups, at least one compound (B) containing isocyanate groups, at least 5.0% by weight, based on the nonvolatile constituents of the coating composition, of at least one amino resin (C), wherein the coating composition comprises at least one unsaturated, cyclic, sterically hindered amine (D) and the coating composition contains less than 2.5 mol% of hydrolyzable silane groups, based on the sum of hydroxyl groups, isocyanate groups, and hydrolyzable silane groups. The invention additionally relates to multistage coating processes using these coating compositions and also to the use of the coating compositions as clearcoat material and to the use of the coating process for automotive OEM finishing and automotive refinish.

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9011/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CONTENT BROADCAST

(51) International classification	:H04H 20/74
(31) Priority Document No	:09275037.1
(32) Priority Date	:20/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056957
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/133664
(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)DONALD LESTER

2)KEVIN HODSON

(57) Abstract :

A receiving device for receiving a satellite broadcast comprising: a receiver for receiving a sustaining satellite beam; and a controller for switching the receiver to receive a high power content beam in response to a determination that the high power content beam can be received by the receiving device. A communication satellite transmits the high power content beam to different geographical areas at different times. The sustaining beam allows the receiving device to remain synchronised with the communication satellite when the high power content beam is directed elsewhere. The sustaining beam may be a lower power beam. The determination that the high power content beam can be received may be performed based on information in the sustaining beam. Alternatively or additionally, the determination that the high power content beam can be received may be made by monitoring the signal strength of a frequency associated with the high power content beam.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.8997/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SWADDLE BLANKET

(51) International classification	:A41B 13/06	(71) Name of Applicant : 1)TRIBORO QUILT MANUFACTURING CORPORATION Address of Applicant :172 SOUTH BROADWAY, WHITE PLAINS, NEW YORK 10605 U.S.A.
(31) Priority Document No	:12/434,433	
(32) Priority Date	:01/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/033254	
Filing Date	:30/04/2010	
(87) International Publication No	:WO 2010/127299	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KAPLAN, JOEL 2)KAPLAN, ALVIN 3)WHITE, RICHARD 4)ASHWORTH, DEBORAH 5)DAUGHERTY, JONATHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention discloses a swaddle blanket (170) and mattress attachment device. The swaddle blanket includes a top end (176) and a bottom end with a pocket (182) disposed at the bottom end and configured to enclose an infants legs. A first side of the blanket is configured to wrap over the infant in one direction and a second side of the blanket is configured to wrap over the infant and the first side in other direction. A fastener (185) is disposed on the second side of the blanket and is configured to secure the second side in place over the first side. At least one attachment strap is secured to the swaddle blanket. When the blanket is in attachment position the attachment strap extends away from the swaddle blanket. The attachment strap including a first mating pair fastener. The mattress attachment device is configured to be secured to a sleeping surface. The mattress attachment device includes at least one second mating pair fastener that is securable to the first mating pair fastener

No. of Pages : 69 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.8998/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INSULINOTROPIC PEPTIDE SYNTHESIS USING SOLID AND SOLUTION PHASE COMBINATION TECHNIQUES

(51) International classification	:C07K 14/605	(71) Name of Applicant :
(31) Priority Document No	:61/174662	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:01/05/2009	Address of Applicant :GRENZACHERSTRASSE 124, CH-4070 BASEL, SWITZERLAND
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/055662	1)CHEN, LIN
Filing Date	:28/04/2010	2)HAN, YEUN-KWE
(87) International Publication No	:WO 2010/125079	3)ROBERTS, CHRISTOPHER, R.
(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 relates to the preparation of insulinotropic peptides including the amino acid sequence of (SEQ ID NO. 9) Z-HX8EGTFTSDVSSYLEGQAAKEFIAWLVKX35R-NH2 wherein Z is H-, and X8 and X35 are each independently achiral, optionally sterically hindered amino acid residues, by using a solid and solution phase (hybrid) approach. Generally, the approach includes synthesizing three different peptide intermediate fragments using solid phase chemistry. Solution phase chemistry is then used to couple the second fragment and the first fragment. Alternatively, a different second fragment is coupled to a first fragment in the solid phase. Then, solution phase chemistry is used to add the third fragment, whereby the third fragment is coupled to the coupled first and second fragments in the solution phase.

No. of Pages : 79 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.8999/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NOVEL CYCLOPENTANE DERIVATIVES

(51) International classification	:C07C 317/44
(31) Priority Document No	:09162510.3
(32) Priority Date	:11/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057945
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/142650
(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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(72)Name of Inventor :

1)SANCHEZ, RUBEN ALVAREZ

2)BANNER, DAVID

3)CECCARELLI, SIMONA M.

4)GRETHER, UWE

5)HAAP, WOLFGANG

6)HILPERT, HANS

7)KUEHNE, HOLGER

8)MAUSER, HARALD

9)PLANCHER, JEAN-MARC

(57) Abstract :

The invention relates to a compound of formula (I) wherein A1 and R1 to R5 are defined as in the description and in the claims. The compound of formula (I) can be used as a medicament.

No. of Pages : 266 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9027/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PROCESS FOR PREPARING FLUOROOLEFIN COMPOUNDS

(51) International classification	:C07C 17/25
(31) Priority Document No	:0953701
(32) Priority Date	:04/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050847
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/139873
(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)ARKEMA FRANCE

Address of Applicant :420, RUE D'ESTIENNE D'ORVES, F-92700 COLOMBES, FRANCE

(72)Name of Inventor :

1)GUILLET, DOMINIQUE

2)DEVIC, MICHEL

(57) Abstract :

The subject matter of the invention is a process for preparing fluoroolefin compounds. The invention relates more particularly to a process for producing a (hydro)fluoroolefin compound, which comprises (i) bringing at least one compound comprising from three to six carbon atoms, at least two fluorine atoms and at least one hydrogen atom, on the condition that at least one hydrogen atom and one fluorine atom are located on adjacent carbon atoms, into contact with a solid reactant comprising calcium hydroxide.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9028/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VENDING MACHINE AND METHOD FOR AUTOMATIC DISPENSING OF CONVENIENCE FOOD PRODUCTS

(51) International classification	:G07F 11/54	(71) Name of Applicant :
(31) Priority Document No	:PR2009A000036	1)EDO BORGHI
(32) Priority Date	:11/05/2009	Address of Applicant :VIA TRESINARO N. 26, I-42100 REGGIO EMILIA, ITALY
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/056325	1)BORGHI, EDO
Filing Date	:11/05/2009	
(87) International Publication No	:WO 2010/130670	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

products (6), picked up from a special refrigerated storage compartment, and delivered to an appropriate manual pick-up area. Its structure defines isolated areas (2, 3) communicating by means of a door (11); said first area (2) being designed for containment of the products (6) to be dispensed, said second area (3) being designed for handling, picking up and dispensing of the product (6) picked up from said area (2) . Said pick-up and delivery area (3) comprises a turret (10) having means for supporting a door (11) adapted to seal and close a corresponding opening (12) of a partition between the areas (2) and (3) ; said door (11) rotating with the structure of the turret (10), as it moves away from the opening, and at least one means (7) for containing the product (6) to be delivered, which is adapted to longitudinally slide along said turret (10) and be opened by a loading and unloading door (7A) ; said means or enclosure (7) being displaced by translating means (9).

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9029/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HEATERS

(51) International classification	:A47J 31/54
(31) Priority Document No	:0908718.0
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001020
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/106349
(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)STRIX LIMITED

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(72)Name of Inventor :

1)GARVEY, VINCENT, JOSEPH

2)MOUGHTON, COLIN

3)ZHENG, YICAI

(57) Abstract :

A heater for heating liquid to boiling comprises a heating element 48; 106, a first heating region 18, 20; 100 heated by said heating element 48; 106 for heating liquid flowing therethrough to a temperature below boiling, and a second heating region 22; 102 for heating said liquid to boiling. The second region permits the exit of steam therefrom separately from heated water.

No. of Pages : 50 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9033/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : STATOR

(51) International classification	:H02K 1/16
(31) Priority Document No	:2009-144413
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059677
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/147027
(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)TOYOTA JIDOSHA KABUSHIKI KAISHA

(72)Name of Inventor :

1)ISHIDA KENJI

2)YAMADA EIJI

(57) Abstract :

In the stator, a thermistor (201) housed in a tube (203) is arranged to be sandwiched between a coil end (101e) and a U-phase bus bar (102U), allowing the thermistor (201) to receive heat from above and below at two faces, that is a face of the U-phase bus bar (102U) and a top face of the coil end (101e). Moreover, the thermistor (201) can be placed substantially in close contact with the coil end (101e). Accordingly, the temperature followability by the thermistor (201) can be realized at high accuracy. As a result, there can be provided a stator having a configuration in which temperature followability of high accuracy can be achieved in measuring the temperature of a coil of a stator using a temperature detection element, and that can correspond to further downsizing of a rotating electric machine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9034/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DISCRIMINATING DATA PROTECTION SYSTEM

(51) International classification	:G06F 21/24
(31) Priority Document No	:61/175,759
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000720
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/127455
(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)ABSOLUTE SOFTWARE CORPORATION

Address of Applicant :SUITE 1600, FOUR BENTALL CENTRE, 1055 DUNSMUIR STREET, P.O. BOX 49211, VANCOUVER, BRITISH COLUMBIA V7X 1K8, CANADA

(72)Name of Inventor :

1)CHASE ROBERT

(57) Abstract :

A data protection system selectively deletes data from an electronic device when the device is reported as lost or stolen, or when another data protection triggering event occurs. Different data files may, for example, be treated differently depending on when such files were created. For example, data files that were created while the computing device was known to be in the owner's possession may be deleted, while data files created after the electronic device left the owner's possession may be left intact (since they may have been created by an innocent user). Data files created between these two points in time may be quarantined so that they later be restored, if appropriate.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9037/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DOCKING DEVICE SEALED AGAINST THE ENVIRONMENT AND DOCKING METHOD, COMPRISING A ZIPPER AND A SLIDE

(51) International classification	:B65B 1/28	(71) Name of Applicant :
(31) Priority Document No	:10 2009 018 565.8	1)FLECOTEC AG
(32) Priority Date	:24/04/2009	Address of Applicant :HAUPTSTR, 83, 79379 MULLHEIM GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/002433	1)UNTCH GUNTER
Filing Date	:21/04/2010	
(87) International Publication No	:WO 2010/121793	
(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 a closure (10, 10', 10, 10') having two profile strips (20, 20', 20, 20', 30, 30', 30, 30') for an at least partially flexible container (1, 2) for connecting a first container (1) to a second container (2) in a manner sealed against the environment in a way, such that a closed docking position can be obtained, and for conducting a flow in a sealed manner against the environment in a flow direction (D) through the closure (10, 10', 10, 10') from the first container (1) into the second container (2) in a way, such that an open docking position can be obtained. According to the invention, the second container (2) facing the first container (1) is designed with an identical closure (10, 10', 10, 10') that engages in the closure (10, 10', 10, 10') of the first container (1) in the open docking position and forms a channel (3) for the flow in the flow direction (D) together with the closure (10, 10', 10, 10').

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9038/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AUTOMATIC ANALYSIS AND ANALYSIS METHOD

(51) International classification	:G01N 35/00
(31) Priority Document No	:2009-121531
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003150
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/134277
(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)HITACHI HIGH-TECHNOLOGIES CORPORATION

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(72)**Name of Inventor :**

1)SATOSHI MITSUYAMA

2)CHIHIRO MANRI

3)TOMONORI MIMURA

4)KUMIKO KAMIHARA

(57) Abstract :

Provided are an automated analyzer and an automatic analysis method for highly accurately determining presence or absence of abnormality based on reaction process data obtained when concentration of a chemical component or an activity level of an enzyme is measured. The reaction process data is approximated by a function, and shape feature quantities indicating features of a shape of a curve section at an early stage of reaction are calculated. The obtained shape feature quantities are used to determine the presence or absence of abnormality.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.90/DELNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ETHYLENE/VINYL ACETATE/UNSATURATED ESTERS TERPOLYMER AS AN ADDITIVE FOR IMPROVING THE RESISTANCE TO COLD OF LIQUID HYDROCARBONS SUCH AS MIDDLE DISTILLATES AND FUELS

(51) International classification	:C10L 1/18	(71) Name of Applicant :
(31) Priority Document No	:FR 0903278	1)TOTAL RAFFINAGE MARKETING
(32) Priority Date	:03/07/2009	Address of Applicant :24, COURS MICHELET, F-92800 PUTEAUX, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/052922	1)CHEVROT, ERWAN
Filing Date	:25/06/2010	2)DALIX, LAURENT
(87) International Publication No	:WO 2011/001352	3)TORT, FREDERIC
(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 additive for improving cold resistance and filterability of fuels, of at least one copolymer comprising from 81 to 87 % by moles of at least one α -olefin, preferably at least ethylene, from 10.5 to less than 12 % by moles of at least one vinyl ester, preferably at least vinyl acetate, from 1 to 8 % by moles of at least one α -unsaturated mono-carboxylic acid ester, preferably at least ethyl-2-hexyl acrylate. In one embodiment, the present invention also relates to a composition of hydrocarbons comprising a majority amount of a middle distillate and a minority amount of at least one copolymer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9041/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ANTIMICROBIAL COMPOSITION AND RELATED METHODS OF USE

(51) International classification	:A01N 63/02
(31) Priority Document No	:61/214,752
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032587
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/129285
(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)STROBEL, GARY, A.

2)GANDHI, N.R.

3)SKEBBA, VICTORIA, PALMER

(57) Abstract :

Antimicrobial compositions comprising one or more compound components generally recognized as safe for human consumption, and related methods of use. such compositions and methods as can be employed in a wide range of agricultural, industrial, building, pharmaceutical and/or personal care products and applications.

No. of Pages : 84 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9042/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SLIDING C-CHANNEL, LOAD-SPLITTING SHACKLE SHOE, SPRING RATE ALTERING DEVICE, AND SPRINGS NOISE DAMPER

(51) International classification	:B60G 3/01	(71) Name of Applicant : 1)ELMOSELHY, SALAH, AHMAD, MOHAMED Address of Applicant :6 ZENABDEN STREET, SYDAZENAB, 11461 CAIRO, EGYPT
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/IB2009/005422	(72) Name of Inventor : 1)ELMOSELHY, SALAH, AHMAD, MOHAMED
Filing Date	:28/04/2009	
(87) International Publication No	:WO 2010/125418	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An interior C-like shaped channel (2) is vertically attached to vehicle wheel (16) and slides into an exterior C-like shaped channel (1) which is vertically attached to vehicle chassis (15) in order to withstand all the applied horizontal external forces to the vehicle. The exterior C-like shaped channel (1) is attached to the vehicle chassis (15) through a load-splitting shackle shoe (13) which has a centrally-split base which splits the load transmitted from the vehicle wheel (16) to the vehicle chassis (15) into two vertical components each of which applies at a different section to the vehicle chassis (15) from the other section. The interior C- like shaped channel (2) slides into the exterior C-like shaped channel (1) based on a powder graphite dry lubricant that covers the contact surfaces between them. Vehicle suspension spring rate can be altered mechanically from a soft spring rate to a hard spring rate in a controlled fashion while the vehicle is moving by selectively engaging a U-like shaped vertically slotted solid block (27) which is attached to the exterior surface of the interior C-like shaped channel (2) in between two semi-active suspension springs (22, 23) at their line of action through a horizontally-actuated solenoid valve (32) which is attached to the interior surface of the interior C-like shaped channel (2). A U-like shaped rubber piece (25) is attached to the short spring (23) of the two semi-active suspension springs (22,23) in order to damp the noise that can result from the engagement with the tall spring (22) of the two semi-active suspension springs (22, 23).

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9043/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HIGHLY SENSITIVE BIOMARKER PANELS

(51) International classification	:G01N 33/68
(31) Priority Document No	:61/185,194
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037613
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/144358
(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)GOIX, PHILIPPE, J.

2)PUSKAS, ROBERT

3)TODD, JOHN

4)LIVINGSTON, RICHARD

5)HELD, DOUGLAS

6)LE, SARA

(57) Abstract :

Cardiovascular disease, e.g., congestive heart failure, is often first diagnosed after the onset of clinical symptoms, eliminating potential for early intervention. The invention provides a multi-marker immunoassay, including cardiac pathology and vascular inflammation biomarkers, yielding a more sensitive assay for early detection of CHF in plasma. A panel consisting of cardiac pathology (cTnI, BNP) and vascular inflammation (IL-6, TNF α , IL-17a) biomarkers provided a sensitivity of 94% for association with CHF.

No. of Pages : 258 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9050/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NOVEL PHARMACEUTICALLY ACCEPTABLE SALTS OF 4-(1H-IMIDAZOL-4-YLMETHYL) PYRIDINE AND THEIR THERAPEUTICAL USES

(51) International classification	:A61K 31/4439
(31) Priority Document No	:09305456.7
(32) Priority Date	:19/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056824
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/133598
(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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4)PHILIPPE ROBERT

5)XAVIER LIGNEAU

6)JEANNE-MARIE LECOMTE

7)JEAN-CHARLES SCHWARTZ

(57) Abstract :

The present invention concerns novel pharmaceutical compositions of immethridine, in particular of novel pharmaceutically acceptable salts thereof, such as the dioxalate salt of immethridine, as well as its therapeutical uses and novel process of preparation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9051/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : X-RAY MICROSCOPY FOR CHARACTERIZING HOLE SHAPE AND DIMENSIONS IN SURGICAL NEEDLES

(51) International classification	:G01B 15/04	(71) Name of Applicant :
(31) Priority Document No	:12/469,279	1)ETHICON, INC.
(32) Priority Date	:20/05/2009	Address of Applicant :U.S. ROUTE 22, SOMERVILLE, NJ 08876, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/035054	1)ERIC HINRICH
Filing Date	:17/05/2010	2)ROBERT E. MAURER
(87) International Publication No	:WO 2010/135212	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel method of characterizing laser drilled boreholes is disclosed. The method uses x-ray microscopy for dimensional characterization. The x-ray output may be processed to control manufacturing equipment in automated production systems, including laser drilling systems and swaging apparatus.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9052/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COUPLING ARRANGEMENTS AND METHODS FOR ATTACHING TOOLS TO ULTRASONIC SURGICAL INSTRUMENTS

(51) International classification	:A61B 17/22
(31) Priority Document No	:12/469,308
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035530
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/135502
(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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OH 45242, U.S.A.

(72)**Name of Inventor :**

1)SCOTT A. NIELD

2)DAVID T. KRUMANAKER

3)AARON C. VOEGELE

4)SHAN WAN

(57) Abstract :

An ultrasonic surgical instrument that has a waveguide that protrudes distally from the handpiece and a surgical tool that is configured to be coupled to the waveguide. The waveguide may have a distal end that is sized to be inserted into a cavity in a proximal end of the surgical tool and then selectively expanded to retain the distal end within the cavity to couple the surgical tool to the waveguide.

No. of Pages : 42 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9054/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUS FOR TREATING WASTE

(51) International classification	:F23G 5/00
(31) Priority Document No	:61/270,309
(32) Priority Date	:06/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040355
Filing Date	:29/06/2010
(87) International Publication No	:WO 2011/005618
(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)JOSE A. CAPOTE

2)DEEPAK SHAH

3)PARAMESWARAN VENUGOPAL

4)DANIEL RIPES

5)JOSEPH ROSIN

6)PARESH MEAWALA

(57) Abstract :

A waste treatment system processes waste upon the application of energy. The system includes a vessel that contains an open space. A waste feed system feeds inorganic and/or organic waste into the open space of the vessel. One or more pairs of electrodes are within the vessel and may be supported above a bottom of the vessel. The electrodes generate energy that heats the vessel's open space, and melts inorganic portions of the waste and gasifies and dissociates organic portions of the waste into elemental components. These elemental components may be reformed into a synthesis gas which may be conditioned and cleaned to recovery a non-hazardous product.

No. of Pages : 61 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9055/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CONSTANT CONTACT SIDE BEARING ASSEMBLY WITH IMPROVED HEAT DISSIPATION FOR A RAILCAR

(51) International classification	:B61F 5/14
(31) Priority Document No	:61/180,655
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/035381 :19/05/2010
(87) International Publication No	:WO 2010/135414
(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)WABTEC HOLDING CORP

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WILMERDING, PENNSYLVANIA 15148, U.S.A.

(72)**Name of Inventor :**

- 1)SPRAINIS, RONALD, J.**
 - 2)ROBITAILLE, ANDREW**
 - 3)SAMMARTINO, GIUSEPPE**
 - 4)MARLOW, JONATHON**
 - 5)GREGAR, PETE**
 - 6)ANDERSON, BRADLEY**
-

(57) Abstract :

A constant contact side bearing assembly for a railcar includes a housing having a base, a pair of mounting apertures formed through a thickness of the base, a generally cylindrical housing wall upstanding on the base, a pair of diametrically opposed channels, a pair of diametrically opposed openings and a guide member disposed centrally on and upstanding from an inner surface of the base. A cap is disposed for reciprocal axial movement relative to the housing. An elastomeric spring is disposed within a generally closed chamber formed by a combination of the housing and the cap. A pair of air passages is provided for dissipating heat generated during operation of the constant contact side bearing assembly. Each air passage is defined by a pair of aligned openings formed through a wall portion of the cap. Each opening may be disposed within a pocket provided within the cap wall.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9056/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NUTRITIONAL COMPOSITION FOR SUPPORTING BRAIN DEVELOPMENT AND FUNCTION OF TODDLERS

(51) International classification	:A23L 1/29	(71) Name of Applicant :
(31) Priority Document No	:09161667.2	1)NESTEC S.A.
(32) Priority Date	:02/06/2009	Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/057661	1)BIEHL, JAN
Filing Date	:01/06/2010	2)DESTAILLATS, FREDERIC
(87) International Publication No	:WO 2010/139701	3)FAY, LAURENT
(61) Patent of Addition to Application Number	:NA	4)FUKUSHIMA, YOICHI
Filing Date	:NA	5)SCHMITT, JEROEN ANTONIUS JOHANNES
(62) Divisional to Application Number	:NA	6)WANG, BING
Filing Date	:NA	

(57) Abstract :

The present invention relates to a nutritional composition, in particular directed to toddlers and/or a weaning child, said nutritional composition comprising a protein source, a source of available carbohydrates, a lipid source, at least one probiotic microorganism, and prebiotics, wherein said lipid source comprises DHA (docosahexaenoic acid). The nutritional composition improves cognitive performance, in particular learning and memory of the child. Preferably, the composition comprises iron, zinc, vitamin D and/or sialic acid. Preferably, the composition comprises a source of phospholipids rich in DHA.

No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9013/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ROTARY TACK

(51) International classification	:A61B 17/064
(31) Priority Document No	:12/427,780
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031136
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/123740
(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)EASYLAP LTD.

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(72)Name of Inventor :

1)OFER RIMER

2)NIR ALTMAN

3)SHALOM LEVIN

4)ASAFAK FABIAN

5)IZHAK COHEN

6)ARIK COHEN

(57) Abstract :

A rotary tack (10) including a helical body (12) constructed of a resorbable material and having a closed-loop base (14) and a helix of spiral coils (16) that extend from the base (14) which terminate in a tip (18) for piercing tissue, wherein each of the coils (16) has a cross-section with an inner perimeter including an arcuate portion (20) and a straight portion (22) contiguous to each other.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9015/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INSECTICIDAL ARYLPYRROLINES

		(71) Name of Applicant : 1)BAYER CROPSCIENCE AG Address of Applicant :ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY
(51) International classification	:C07D 207/20	(72) Name of Inventor :
(31) Priority Document No	:2009-121267	1)TETSUYA MURATA
(32) Priority Date	:19/05/2009	2)YASUSHI YONETA
(33) Name of priority country	:Japan	3)HIDETOSHI KISHIKAWA
(86) International Application No	:PCT/EP2010/003019	4)JUN MIHARA
Filing Date	:18/05/2010	5)DAIEI YAMAZAKI
(87) International Publication No	:WO 2010/133336	6)MAMORU HATAZAWA
(61) Patent of Addition to Application Number	:NA	7)NARIO SASAKI
Filing Date	:NA	8)KEI DOMON
(62) Divisional to Application Number	:NA	9)EIICHI SHIMOJO
Filing Date	:NA	10)TERUYUKI ICHIHARA
		11)KATSUHIKO SHIBUYA
		12)MASASHI ATAKA
		13)ULRICH GORGENS

(57) Abstract :

The invention relates to novel arylpyrroline compounds of formula (I) which have excellent insecticidal activity and which can thus be used as an insecticide.

No. of Pages : 319 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9016/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CATALYST FOR REFORMING TAR-CONTAINING GAS, METHOD FOR PREPARING CATALYST FOR REFORMING TAR-CONTAINING GAS, METHOD FOR REFORMING TAR-CONTAINING GAS USING CATALYST FOR REFORMING TAR-CONTAINING GAS, AND METHOD FOR REGENERATING CATALYST FOR REFORMING TAR-CONTAINING GAS

(51) International classification	:B01J 23/78
(31) Priority Document No	:2009-121045
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/003347
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/134326
(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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CHIYODA-KU, TOKYO 100-8071, JAPAN

(72)Name of Inventor :

1)KIMIHITO SUZUKI

2)KENICHIRO FUJIMOTO

(57) Abstract :

A catalyst for reforming a tar-containing gas, wherein: the catalyst comprises at least one composite oxide as oxide containing nickel, magnesium, cerium and aluminum; and the content of alumina as a single compound is limited to 5% by mass or less.

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9017/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SURFACE-TREATED METAL MATERIAL AND MANUFACTURING METHOD THEREFOR

(51) International classification	:B32B 15/08
(31) Priority Document No	:2009-114915
(32) Priority Date	:11/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058239
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/131759
(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)SOSHI FUJITA

2)ATSUSHI MORISHITA

3)TAIHEI KANETO

4)MASAHIRO FUDA

(57) Abstract :

A surface-treated metal material, comprising: a metal material, and a coating film disposed on the surface thereof, the coating film containing (A) an organic resin having a glass transition temperature of more than 35°C and not more than 100°C, and (B) an organic resin having a glass transition temperature of more than 100°C and not more than 250°C; wherein the difference between the glass transition temperatures of the organic resins (A) and (B) is 50°C or more. There are provided a surface-treated metal material having a coating film which contains no environmental load substance such as hexavalent chromium, and is particularly excellent in scratch resistance, press formability, and corrosion resistance after the shape processing thereof, and also a process for producing such a surface-treated metal material.

No. of Pages : 67 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9018/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : GLUE AND COATING FOR REFRACRY MATERIALS AND CERAMICS

(51) International classification	:C04B 37/00
(31) Priority Document No	:20091852
(32) Priority Date	:11/05/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2010/000158
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/131973
(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)ELKEM CARBON AS

Address of Applicant :HAFFSVEIEN 65B MAJORSTUA, N-0377 OSLO, NORWAY

(72)Name of Inventor :

1)EGELAND, BJORN

2)HABERG, ALF

3)JOHANSEN, JOHAN, ARNOLD

4)MADSHUS, STIAN

(57) Abstract :

The present invention relates to a heat crucible glue or coating for use in connection with refractory materials and ceramics. The glue or coating comprises 25 to 50 weight % silicon powder, 5 to 20 weight % SiC powder, 20 to 60 weight % formaldehyde resin or polyfurfuryl alcohol and 10 to 30 weight % of an organic solvent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9019/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUS AND METHODS USING AN EFFICIENT GOLAY CORRELATOR RUNNING AT 1.5 THE SAMPLING RATE IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification	:H04B 1/02	(71) Name of Applicant :
(31) Priority Document No	:12/456,931	1)INTEL CORPORATION
(32) Priority Date	:23/06/2009	Address of Applicant :2200 MISSION COLLEGE
(33) Name of priority country	:U.S.A.	BOULEVARD, SANTA CLARA, CALIFORNIA 95052, U.S.A.
(86) International Application No	:PCT/US210/031987	(72) Name of Inventor :
Filing Date	:22/04/2010	1)KASHER, ASSAF
(87) International Publication No	:WO 2010/005347	2)ERLICH, YOSSI
(61) Patent of Addition to Application Number	:NA	3)SUTSKOVER, ILAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An embodiment of the present invention provides an apparatus, comprising a transmitter operable to communicate in a wireless network and adapted to use an efficient Golay correlator running at 1.5 times a sampling rate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9067/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HIGH HAZE TRANSPARENT CONTACT INCLUDING INSERTION LAYER FOR SOLAR CELLS, AND/OR METHOD OF MAKING THE SAME

(51) International classification	:H01L 31/18	(71) Name of Applicant :
(31) Priority Document No	:12/591,060	1)GUARDIAN INDUSTRIES CORP.
(32) Priority Date	:05/11/2009	Address of Applicant :2300 HARMON ROAD, AUBURN HILLS, MI 48326-1714, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/002859	1)KRASNOV, ALEXEY
Filing Date	:28/10/2010	
(87) International Publication No	:WO 2011/056206	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Certain example embodiments of this invention relate to a front transparent conductive electrode for solar cell devices (e.g., amorphous silicon or a-Si solar cell devices), and/or methods of making the same. Advantageously, certain example embodiments enable high haze to be realized in the top layer of the thin film stack. In certain example embodiments, an insertion layer comprising ITO or AZO is provided between a layer of AZO and a layer of ITO. The AZO may be deposited at room temperature. The insertion layer is provided with an oxygen content selected so that the insertion layer sufficient to alter the crystalline growth of the layer of AZO compared to a situation where no insertion layer is provided. In certain example embodiments, the layer of ITO may be ion-beam treated so as to roughen a surface thereof. The ion beam treating may be performed a voltage sufficient to alter the crystalline growth of the layer of AZO compared to a situation where no insertion layer is provided.

No. of Pages : 28 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9077/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR PRODUCING 4-SUBSTITUTED BENZOTHIOAMIDE DERIVATIVE

(51) International classification	:C07C 327/48
(31) Priority Document No	:2009-138049
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/060003
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/143735
(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

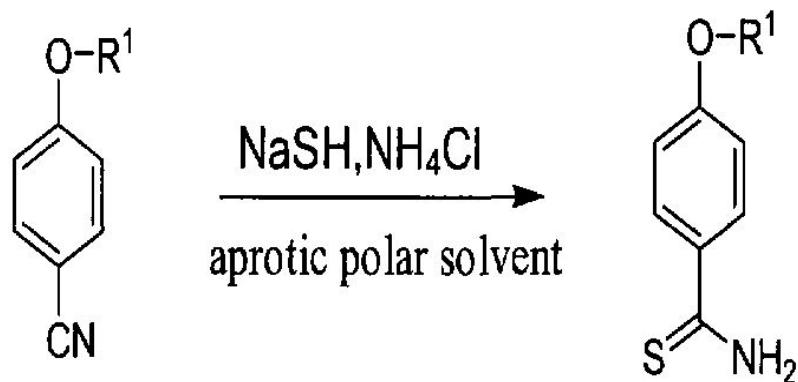
Address of Applicant :2,1, KASUMIGASEKI 3-CHOME,
CHIYODA-KU, TOKYO 100-0013, JAPAN

(72)Name of Inventor :

1)SATOSHI SUGIURA

(57) Abstract :

Disclosed is a method appropriate for safely, economically and easily producing at a high yield a 4-substituted benzothioamide derivative which is useful as an intermediate in the production of a 2-(3-cyanophenyl)thiazole derivative useful as a drug for gout. Specifically disclosed is a method for producing a 4-substituted benzothioamide derivative represented by formula (A).



No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9078/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HANDLE FOR A DOOR LEAF OF AN AUTOMOBILE

(51) International classification	:E05B 7/00
(31) Priority Document No	:MI2009A000896
(32) Priority Date	:21/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/003115
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/133372
(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)VALEO SPA

Address of Applicant :VIA ASTI 89, I-10026 SANTENA,
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(72)Name of Inventor :

1)SAVANT FIORENZO

2)GUILLAUME LESUEUR

(57) Abstract :

The invention relates to a handle for a door leaf of an automobile, including: a gripping lever (3, 103, 203) rotatably movable relative to the door leaf about a first axis of rotation (Z) between an inoperative position and a control position for opening a lock of the door leaf; a transmission lever (11, 111,211) mounted in a base (5, 105,205) of the handle attached to the door leaf, the transmission lever (11, 111,211) being configured so as to be actuated by the gripping lever (3, 103,203) and to pivot about a second axis of rotation (A) between an inoperative position and an operative position in which the transmission lever (11, 111,211) actuates the opening of the lock; and a safety system (9) mounted in the base (5, 105, 205), configured to prevent the rotation of the transmission lever (11, 111, 211) in the event of a crash, characterised in that the safety system (9) comprises two inertial bodies (17, 117, 217) and (27, 127, 227), pivotably mounted between an inoperative position and an operative position, preventing the rotation of the transmission lever (11, 111,211), wherein one of said bodies is locked in the operative position in a non-reversible manner.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9079/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : USE OF HIGH-DOSES OF MONOMERIC CONTRAST MEDIUM CONTAINING IODINE IN X-RAY DIAGNOSTICS, IN PARTICULAR IN INTERVENTIONAL X-RAY DIAGNOSTICS AND IN RADIATION THERAPY ASSISTED BY CONTRAST MEDIA CONTAINING IODINE

(51) International classification	:A61K 49/04
(31) Priority Document No	:10 2009 021 752.5
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/002769 :06/05/2010
(87) International Publication No	:WO 2010/130365
(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)GREGOR JOST
2)HUBERTUS PIETSCH
3)MARTIN SIEBER
4)MATTHIAS BRAUTIGAM
5)SVEN GOLFIER

(57) Abstract :

The invention relates to diagnostic or therapeutic composition comprising a monomeric iodine-containing X-ray contrast medium, in particular iopromide for the X-ray-supported diagnosis or treatment for the use of high doses of an X-ray contrast medium in the patient, more particularly in patients with limited renal function.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9080/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CARPET ADAPTED TO MOVEMENTS IN VIRTUAL REALITY

(51) International classification	:G06F 3/01
(31) Priority Document No	:0901912
(32) Priority Date	:21/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050754
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/122261
(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)AMPLISENS

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(72)Name of Inventor :

1)ERIC BELMON

(57) Abstract :

The invention relates to a device (1) for moving in virtual reality comprising a substantially rigid node (4) and an envelope (5) arranged so as to be capable of movement in all directions about the node (4), the envelope (5) defining with the node (4) a surface for the movement of a person (2), and the assembly defined by the node and the envelope bearing on appropriate bearing means (6). The envelope can be mounted so as to slide against the node, or at least a portion of the node.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9083/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HIGH-FREQUENCY TREATMENT INSTRUMENT

(51) International classification	:A61B 18/12
(31) Priority Document No	:2009-123077
(32) Priority Date	:21/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/JP10/003111
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/134273
(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)YASUHISA ISHII

2)SHINETSU HARATA

(57) Abstract :

A high-frequency treatment instrument (10) includes a flexible tube (50) for insertion into a body cavity, an operating wire inserted through the flexible tube (50), a treatment element (60) provided at a distal end of the operating wire to treat a diseased part by a high-frequency current, and a manipulating unit (20) attached to a proximal end of the flexible tube (50) to axially move the operating wire to manipulate the treatment element (60), and to rotate the operating wire torsionally about its axis thus rotating the treatment element (60). The manipulating unit (20) includes a main body (22) connected to a high-frequency cable (70), a rotational manipulator (24) attached to a distal side of the main body (22) to rotate the operating wire, and an axial manipulator (26) attached to a proximal side of the main body (22) to axially move thereby causing the operating wire to axially move.

No. of Pages : 62 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9045/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES

(51) International classification	:A61K 31/195
(31) Priority Document No	:61/170,657
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031793
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123930
(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)ELCELYX THERAPEUTICS, INC.

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SAN DIEGO, CA 92130, U.S.A.

(72)Name of Inventor :

1)BARON, ALAIN

2)BROWN, MARTIN, R.

3)JONES, CHRISTOPHER, R.G.

(57) Abstract :

Provided herein are compositions and methods for treating diabetes, obesity, and other metabolic diseases, disorders or conditions with chemosensory receptor ligands. Also provided herein are pharmaceutical compositions useful for the methods of the present invention.

No. of Pages : 96 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9046/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PRETREATMENT OF LIGNOCELLULOSIC BIOMASS THROUGH REMOVAL OF INHIBITORY COMPOUNDS

(51) International classification	:C08H 8/00	(71) Name of Applicant :
(31) Priority Document No	:61/170,805	1)GREENFIELD ETHANOL INC.
(32) Priority Date	:20/04/2009	Address of Applicant :20 TORONTO STREET, SUITE 1400, TORONTO, ONTARIO M5C 2B8 (CA) Canada
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/CA2010/000483	1)DOTTORI, FRANK, A.
Filing Date	:07/04/2010	2)BENSON, ROBERT, ASHLEY, COOPER
(87) International Publication No	:WO 2010/121348	3)BENECH, REGIS-OLIVIER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the pretreatment of lignocellulosic biomass is disclosed. The process is intended for use in connection with biomass to ethanol processes and is directed in particular to an economical removal of inhibitory compounds generated in biomass pretreatment, which are inhibitory to downstream hydrolysis and fermentation steps. The process includes the steps of heating the lignocellulosic biomass with steam to a preselected temperature, at a preselected pressure and for a preselected time to hydrolyze and solubilize hemicelluloses in the biomass; explosively decomposing the biomass into fibers, and extracting from the resulting reaction mixture a liquefied portion of the lignocellulosic biomass before or after explosive decomposition. The liquefied portion is extracted to remove compounds from the lignocellulosic biomass which are inhibitory to enzymatic cellulose hydrolysis and sugar fermentation to ethanol. For improved efficiency and economy, the inhibitory compounds are not completely removed. Furthermore, xylose has been found to be a good indicator compound for the general level of inhibitory compounds in the reaction mixture and the extraction step is therefore controlled on the basis of the xylose content in the reaction mixture. In particular, the extracting step is discontinued once a dry matter (dm) content of xylose, as monomer or oligomer, in the reaction mixture of 4% to 8% (w/w dm) is achieved. This most economically balances the practical need for inhibitory compound removal with the economical need to control and preferably minimize the costs of the overall ethanol production process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9048/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR DISPLAYING A WARPED VERSION OF A SOURCE IMAGE

(51) International classification	:	G06T 3/60
(31) Priority Document No	:	0911045.3
(32) Priority Date	:	25/06/2009
(33) Name of priority country	:	U.K.
(86) International Application No	:	PCT/GB2010/001089
Filing Date	:	04/06/2010
(87) International Publication No	:	WO 2010/149946
(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)MALLET, RICHARD PETER DISNEY

(57) Abstract :

Incoming video data is processed. According to an example embodiment, video data as presented in rows of pixels is stored in terms of blocks of pixels of corresponding images making up the video. When a particular pixel is read from memory, the block of pixels is retrieved (e.g., with a single read), facilitating (simultaneous) access to pixels in adjacent rows or columns, without necessarily accessing entire rows and columns to do so.

No. of Pages : 73 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9093/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VIBRATION-DAMPING CONTROLLING APPARATUS

(51) International classification	:B60L 15/20
(31) Priority Document No	:PCT/JP2009/058900
(32) Priority Date	:13/05/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/JP2009/058900
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/131341
(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)MUTA, KOICHIRO

3)YAMAMOTO, MASAYA

4)FUKUSHIRO, EIJI

5)OYAMA, SHUNSUKE

6)HASHIMOTO, TOSHIYA

7)AOKI, TAKANORI

8)KIMURA, AKIHIRO

(57) Abstract :

An sprung vibration damping for suppressing sprung vibration which is generated to a vehicle 1 by an input from a road surface to wheels 20 provided with the vehicle 1 by controlling a torque of a motor 10, and the sprung vibration damping is subjected to a restriction including a prohibition in response to a state of a battery 14, which supplies power to the motor 10, such as a voltage and a temperature of the battery or a state of a control, which affects the power of the battery 14, such as a charge/discharge amount feedback control and the like. With the operation, the sprung vibration damping can be restricted in a state in which there is a possibility that it is difficult to appropriately execute the sprung vibration damping, in a state in which the battery 14 is liable to be deteriorated, and further in a state in which there is a possibility that the sprung vibration damping interferes with the other control. Accordingly, the sprung vibration damping can be executed in a state that the control is compromised as necessary, and thus the sprung vibration damping and the other control can be properly executed. As a result, it can be suppressed that the other control is under the influence of the execution of the sprung vibration damping control.

No. of Pages : 101 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9094/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MODULATORS OF 5-HT RECEPTORS AND METHODS OF USE THEREOF

(51) International classification

:C07D 487/04

(31) Priority Document No

:61/180,569

(32) Priority Date

:22/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/035626

Filing Date

:20/05/2010

(87) International Publication No

:WO 2010/135560

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

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5)WILSON NOEL S.

6)TURNER SEAN C.

7)KRUGER ALBERT W.

8)RELO ANA-LUCIA

9)SHEKHAR SHASHANK

10)ZHAO HONGYU

11)GANDARILLA JORGE

12)GASIECKI ALAN F.

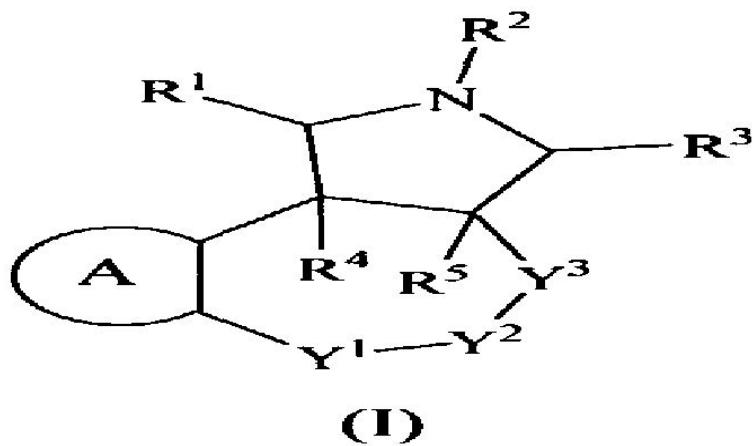
13)LI HUANQIU

14)THOMPSON CHRISTINA M.

15)ZHANG MIN

(57) Abstract :

The present application relates to aryl- and heteroaryl-fused decahydropyrroloazepine, octahydroxepinopyrrole, octahydropyrrolothiazepine dioxide, decahydrocyclohepta[c]pyrrole, and octahydrocyclohepta[c]pyrrole derivatives of formula (I) wherein R1, R2, R3, R4, R5, A, Y1, Y2, and Y3 are as defined in the specification. The present application also relates to compositions comprising such compounds, processes for making such compounds, and methods of treating disease conditions using such compounds and compositions, and methods for identifying such compounds.



No. of Pages : 316 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9095/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TEXTILE MATERIAL WITH THREADS WHICH CAN BE ACTED ON ELECTRICALLY

(51) International classification	:D04B 1/04
(31) Priority Document No	:10 2009 023 658.9
(32) Priority Date	:26/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003180
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136179
(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)WAGNER, KARL ROBERT

(57) Abstract :

A textile material which has at least one textile base layer (11) and pile threads (13) or pile loops projecting therefrom is described. It is essential that the textile base layer (11) has threads (11e) which can be acted on electrically and which can be embodied as self-illuminating threads or as heating conductors. The textile basic layer (11) has no or fewer pile threads (13) or pile loops in a region in which these threads (11e) which can be acted on electrically are arranged, in order to make the threads which can be acted on electrically more effective, i.e. to achieve more effective emission of light and/or increased intensity of heat. (Fig. 2)

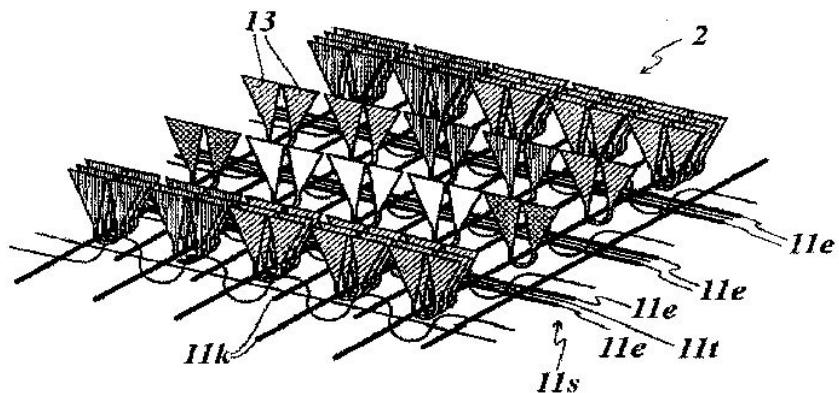


Fig. 2

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9096/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SUBTERRANEAN CONTINUOUS LOOP HEAT EXCHANGER, METHOD OF MANUFACTURE AND METHOD TO HEAT, COOL OR STORE ENERGY WITH SAME

(51) International classification	:F24J 3/08	(71) Name of Applicant : 1)ANZOIC ENERGY INC. Address of Applicant :SUITE 630 11012 MCLEOD TRAIL SOUTH, CALGARY, ALBERTA T2J 6A5, CANADA
(31) Priority Document No	:61/170,728	
(32) Priority Date	:20/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IB2010/000869	(72) Name of Inventor : 1)HOFFMAN, OWEN
Filing Date	:19/04/2010	
(87) International Publication No	:WO 2010/122394	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A subterranean continuous loop heat exchanger is disclosed having a borehole including an entrance at a first end and an exit at a second end and a conduit for a fluid. A direction of fluid flow relative to the borehole is unidirectional, and a major length of the borehole is non-horizontal. The entrance and the exit are separated by a predetermined distance and a first thermal envelope at the entrance and a second thermal envelope at the exit are substantially independent. The conduit is positioned in at least a portion of the borehole and in operational connection to supply and return lines for connection to a ground sourced heat pump or to a heat exchanger system. Also disclosed are methods of constructing a subterranean continuous loop heat exchanger having at least one continuous borehole and a method of regulating a temperature in a structure with a system that includes the subterranean continuous loop heat exchanger.

No. of Pages : 48 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9098/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AIRCRAFT TRANSFER SYSTEM

(51) International classification	:B64F 1/12
(31) Priority Document No	:10 2009 025 650.4
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000650
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/145638
(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)ROBERT BOSCH GMBH

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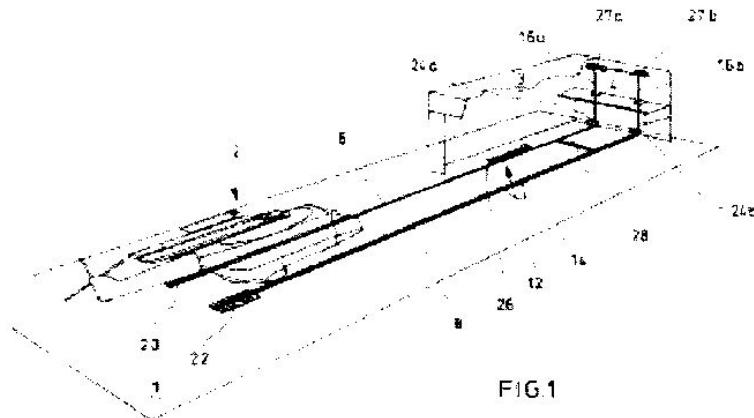
(72)Name of Inventor :

1)VAN DEN BERG, WILBERTH

2)SCHALKX, MAARTEN

(57) Abstract :

Described herein is an aircraft transfer system for transferring an aircraft located in a pick-up zone into a parking position. The aircraft transfer system has at least one rail (6, 8), a pick-up section of which is located near or in the pick-up zone and a parking section of which is located near the parking position. The aircraft transfer system further has a main runner (26) movable on the rail (6). A bridge (12) is coupled to the main runner (26). The bridge (12) is swivable away from the pick-up zone and is displaceable transversely to a longitudinal direction of the rail (6, 8).



No. of Pages : 26 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9099/DELNP/2011 A

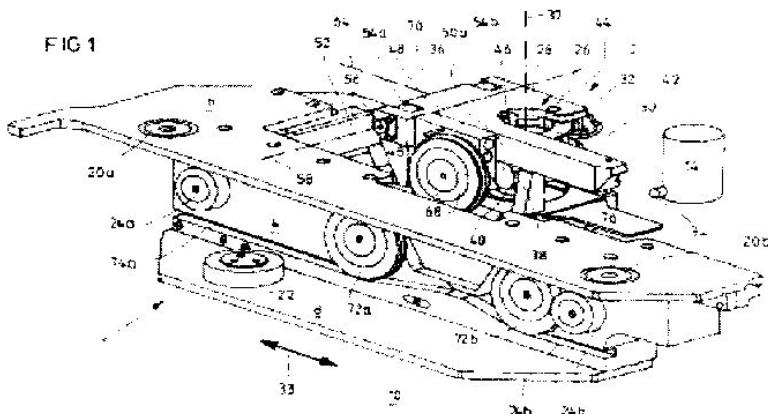
(43) Publication Date : 18/01/2013

(54) Title of the invention : GRIPPER ARRANGEMENT FOR AIRCRAFT TRANSFER SYSTEMS

(51) International classification	:B64F 1/12	(71)Name of Applicant :
(31) Priority Document No	:10 2009 025 650.4	1)ROBERT BOSCH GMBH
(32) Priority Date	:17/06/2009	Address of Applicant :WERNERSTRASSE 1, 70469
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:PCT/DE2010/000649	(72)Name of Inventor :
Filing Date	:09/06/2010	1)BERG, VAN DEN WILBERTH
(87) International Publication No	:WO 2010/145637	2)SCHALKX, MAARTEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein is a gripper arrangement for coupling an aircraft to an aircraft transfer system. A connecting part (14), which can be connected to a gripper (2), is attached to the aircraft. The gripper (2) is in turn coupled to a gripper runner (1), which can be moved substantially parallel to a stand plane (10). Further, the gripper (2) can rotate or pivot about at least one play axis (58, 64) positioned parallel to the stand plane (10).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9057/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AIRCRAFT ENGINE STARTING/GENERATING SYSTEM AND METHOD OF CONTROL

(51) International classification	:F02C 7/268
(31) Priority Document No	:12/468206
(32) Priority Date	:19/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029299
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/135030
(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)GATARIC, SLOBODAN

3)KARIPIDES, DAVID DIMITRI

4)JIA, XIAOCHUAN

5)ABBAS, MOHAMED ABD ELKADER

(57) Abstract :

A starting and generating system for use with an aircraft engine includes a starter/generator and an inverter/converter/controller (ICC) coupled to the starter/generator. The starter/generator is configured to start the aircraft engine in a start mode and to generate AC power in a generate mode. The starter/generator includes an exciter and a rotational shaft. The ICC is configured to provide AC power at a first frequency the starter/generator in the start mode and to control the exciter during the generate mode such that the generate mode AC power has a second frequency, wherein the first frequency is based on a shaft speed of the shaft.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.9059/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BITUMINOUS BINDER FOR PREPARING LOW-TEMPERATURE ASPHALT OR COATED MATERIALS

(51) International classification	:C04B 24/08
(31) Priority Document No	:FR 0902423
(32) Priority Date	:19/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/052209
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/134024
(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)MONTPEYROUX, ALAIN

2)LAPALU, LAURENCE

3)HERAULT, JOEL

4)THIEBAUT, BENOIT

5)DEVIS, ROLAND

(57) Abstract :

The present invention relates to a bituminous binder comprising bitumen and at least two additives making it possible to reduce the manufacturing, processing and compacting temperatures of mixes and asphalts, the first additive being a Tall Oil derivative, alone or in a mixture, and the second additive being a monoester of a mixture of fatty acids. The invention also relates to low-temperature methods for the preparation of the mixes and asphalts obtained from the binder containing additives. The invention finally relates to the use of the binder containing additives in order to produce mixes and asphalts at lower temperatures, and the use of these mixes or asphalts, in particular in road applications, for sub-base courses, base courses, foundation courses, surface courses such as binder courses and/or wearing courses.

No. of Pages : 25 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9100/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ASSEMBLY LAYOUT FOR CONTROLLING THE STROKE OF A STROKE TOOL OF A VEHICLE AND METHOD FOR CONTROLLING STROKE

(51) International classification	:A01B 63/111
(31) Priority Document No	:10 2009 022 410.6
(32) Priority Date	:22/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002538
Filing Date	:24/04/2010
(87) International Publication No	:WO 2010/133285
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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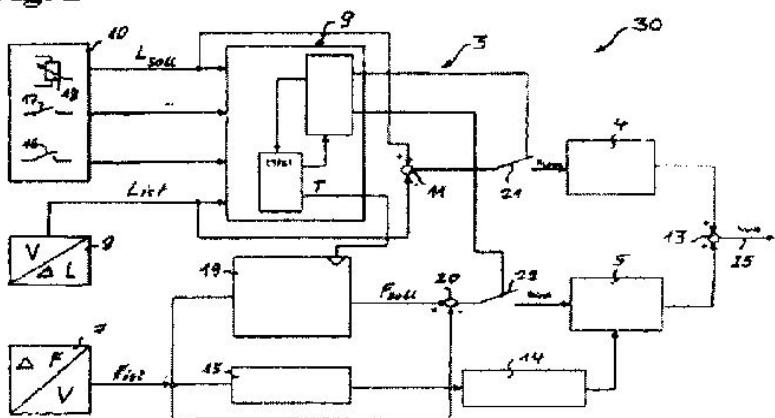
(72)Name of Inventor :

1)MUELLER, GEROLD

(57) Abstract :

The present subject matter relates to an assembly layout (1) and a method for controlling the stroke of a stroke tool (2). The assembly layout includes a control device (3) including a position controller (4) and a force controller (5) acting together with a, controllable hydraulic valve (6) for the stroke tool (2). The hydraulic valve (6) is connected downstream of the position controller (4) and of the force controller (5), and converts control signals from the position controller (4) and from the force controller (5) into stroke motions of the stroke tool (2) by means of a stroke cylinder (12). The assembly layout (1) further comprises a tensile force measurement sensor (7) for measuring the tensile force acting on the stroke tool (2) and a stroke mechanism position measurement sensor (8) for measuring the position at which the stroke tool (2) is located. Fig. 2

Fig. 2



No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9102/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FALSE ALARM DETECTION FOR MALWARE SCANNING

(51) International classification	:G06F 21/00
(31) Priority Document No	:0909954.0
(32) Priority Date	:10/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/057474
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/142545
(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)NIEMELA, JARNO

(57) Abstract :

A method of scanning files for malware on a computer system. The method comprises receiving a file to be scanned in the system, and using at least one malware scanning engine to determine whether or not the file possesses properties that are indicative of malware. If it is determined that the file does possess properties that are indicative of malware, then at least one cleanliness scanning engine is used to determine whether or not the file possesses properties that are indicative of a clean file. If it is determined that the file possesses properties that are indicative of a clean file, then a false alarm is signalled. [Figure 1]

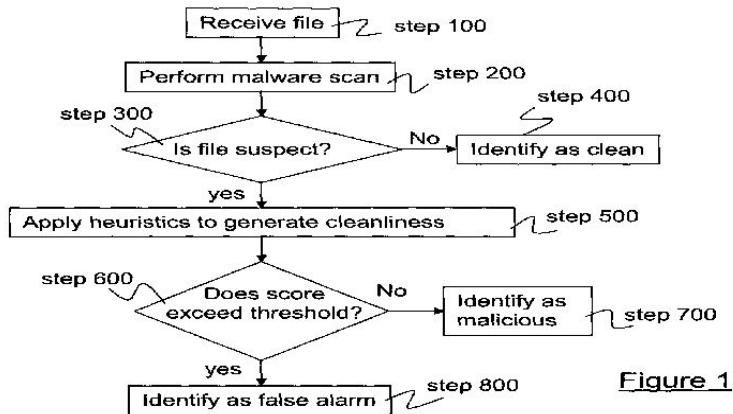


Figure 1

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9069/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR OPERATING A REGENERATIVE HEATER

(51) International classification	:C21B 9/04
(31) Priority Document No	:91 572
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Luxembourg
(86) International Application No	:PCT/EP2010/056422
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/133476
(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)SIMOES, JEAN-PAUL

(57) Abstract :

The present invention proposes a method for operating a regenerative heater (10), in particular a hot blast stove of a blast furnace, the regenerative heater (10) comprising a first chamber (12) and a second chamber (22), the first chamber (12) having a burner (14) arranged therein, the second chamber (22) comprising heat storage means. Such a method comprises a heating cycle wherein fuel and oxidizing gas are fed to the burner (14) of the first chamber (12) and allowed to burn and wherein hot flue gasses are led through the second chamber (22) to heat the heat storage means; and a blowing cycle wherein a process gas is fed through the second chamber (22) to pick up heat from the heat storage means. According to an important aspect of the present invention, the heating cycle comprises the steps of feeding a first stream (38) of fuel to the burner (14) of the regenerative heater (10); feeding a second stream (42) of fuel to a pre-combustion chamber (44); feeding oxygen (46) to the pre-combustion chamber (44); allowing the second stream (42) of fuel and the oxygen (46) to interact so as to form oxidizing gas (48); and feeding the oxidizing gas (48) to the burner (14) of the regenerative heater (10). At the end of the heating cycle, the supply of oxygen (46) to the pre-combustion chamber (44) is discontinued, while further feeding the second stream (42) of fuel to the pre-combustion chamber (44) and further feeding the first stream (38) of fuel to the burner (14).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9072/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PROCESS FOR PRODUCING MULTILAYER- COATED METAL SHEET

(51) International classification

:B05D 1/34

(31) Priority Document No

:2009-123274

(32) Priority Date

:21/05/2009

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP10/058852

Filing Date

:21/11/2011

(87) International Publication No

:WO 2010/134627

(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)KUNIHIKO TOSHIN

2)KOHEI UEDA

3)KATSUNORI TOBISA WA

(57) Abstract :

Provided is a process for producing a multilayer-coated metal sheet having no coating defects and having high adhesion. The process for producing a multilayer-coated metal sheet comprises the step of simultaneous multilayer coating in which an upper-layer coating material and an underlayer coating material each in a wet state are simultaneously applied to at least one surface of a metal sheet by curtain coating and the superposed wet upper-layer coating film and underlayer coating film are simultaneously dried. The process is characterized in that the upper-layer coating material and the underlayer coating material have respective dynamic surface tensions and static surface tensions which all satisfy certain relationships.

No. of Pages : 36 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9110/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR IDENTIFYING THE CREATOR OF A WORK OF ART

(51) International classification	:G06K 9/00
(31) Priority Document No	:10 2009 022 147.6
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000534
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/133204
(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)SCHOLZEN, WERNER

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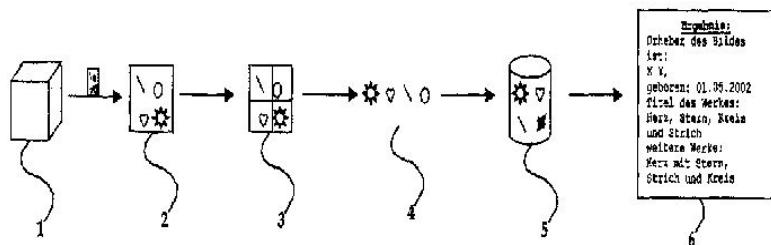
(72)Name of Inventor :

1)SCHOLZEN, WERNER

(57) Abstract :

Method for determining the creator of a painting, wherein the method has at least the following steps: - converting the painting to be examined or parts of the painting to be examined into at least one data record with the aid of a digitizing means, in particular a scanner, - analysing the data record(s) and determining characteristic features or parts of characteristic features, in particular dots or lines, or groups of dots or lines or patterns, which are contained in the data record in digitized form, wherein the characteristic features to be determined are stored in a database, - and wherein the database has an additional associated data record for each of these stored characteristic features. FIG. 1

FIG. 1



No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9113/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ELECTRIC CONNECTOR WITH IMPEDANCE CORRECTING ELEMENT AND FABRICATION METHOD

(51) International classification	:H01R 13/646
(31) Priority Document No	:10 2009 019 626.9
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055169
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/124965
(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)BUCK, CARSTEN

2)SIELER, TORSTEN

3)KARRASCH, GREGOR

(57) Abstract :

The present invention relates to an electrical connector with an electrically insulating contact carrier and with at least one electrically conducting contact element which is held in the contact carrier. Furthermore, the present invention relates to a manufacturing method for manufacturing a connector of this type. Changes in dimension in the geometry of the contact carrier and also fluctuations in spacing and geometry in the enclosing shielding cause impedance inhomogeneities in the signal propagation direction that adversely influence the signal quality. Furthermore, it may be necessary to purposefully set the impedance so as to differ from the nominal impedance. An electrical connector is therefore proposed with an electrically insulating contact carrier (102) and with at least one electrically conducting contact element (104) which is held in the contact carrier (102), wherein at least one impedance correction element (112, 116) is arranged in the contact carrier (102) for setting the impedance of the connector (100) in the region in which the at least one contact element (104) is arranged. FIG. 1

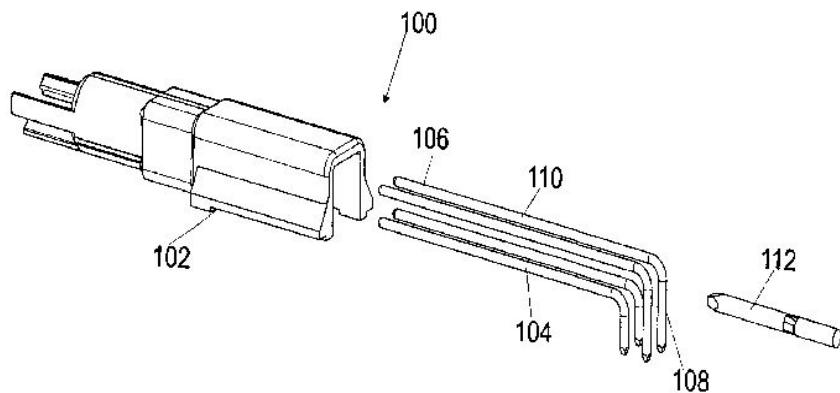


FIG. 1

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9085/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD OF CHARACTERIZING PARTICLES

(51) International classification	:G01N 15/12
(31) Priority Document No	:61/172,491
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032224
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124202
(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)RENLIANG XU

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(57) Abstract :

Mixtures containing homogeneously-sized particles with a minimum concentration of agglomerates or larger particles are desired in various manufacturing processes such as, for example, in the manufacture and use of chemical mechanical polishing slurries, food emulsions, pharmaceutical products, paints, and print toner. The method disclosed herein provides these industries with an accurate and efficient method of screening such mixtures for such agglomerates and large particles. The method generally includes preparing a suspension of the mixture in an electrolyte, wherein the suspension includes a specified concentration of small particles per unit of electrolyte. The method further includes passing the prepared suspension, and a plurality of the particles therein, through an aperture of a device capable of characterizing particles according to the Coulter principle to obtain data on the particles. Still further, the method includes deriving a particle size distribution of the large particles from the obtained data. The suspension includes at least one small particle per aperture volume. The large particles have an average diameter that is at least five times greater than the average diameter of the small particles. The aperture has a diameter that is (i) at least 50 times greater than the average diameter of the small particles, and (ii) about 1.2 times greater than the average diameter of the large particles to less than about 50 times greater than the average diameter of the large particles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9086/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ONCOLYTIC ADENOVIRUSES FOR TREATING CANCER

(51) International classification	:A61K 48/00
(31) Priority Document No	:P200901201
(32) Priority Date	:06/05/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000196
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/128182
(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)GUEDAN CARRIO, SONIA

2)CASCALLO PIQUERAS, MANEL MARIA

3)ALEMANY BONASTRE, RAMON

(57) Abstract :

The invention is related to an oncolytic adenovirus that comprises a sequence encoding a hyaluronidase enzyme inserted in its genome. This adenovirus spreads more efficiently in the tumour mass and therefore the oncolytic effect is increased. Injecting the oncolytic adenovirus of the invention endovenously, tumour volume regressions are obtained. Therefore the oncolytic adenovirus of the present invention is useful for the treatment of a cancer or a pre-malignant state of cancer.

No. of Pages : 52 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9120/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BASKETBALL RETURN APPARATUS WITH TRACK EXTENDER AND DEFLECTOR

(51) International classification	:A63B 69/00
(31) Priority Document No	:12/387,972
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001326
Filing Date	:05/05/2009
(87) International Publication No	:WO 2010/132091
(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)WARES, JONATHAN G.

(57) Abstract :

The present disclosure provides for a foldable, portable, apparatus for use as an operant conditioning basketball shooting practice aid by retrieving and returning shots at the hoop. The apparatus is comprised of a dismountable trough assembly depending from crossbar slots of a support assembly frame. The trough assembly includes ball collection panels each mounted on separated ball runway tubes or rails with the legs of a track extender-deflector inserted into the tubes. The deflectors are adapted to be configured for quick interchangeability from one configuration to another to deliver the ball to various locations to center or side court.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9121/DELNP/2011 A

(43) Publication Date : 18/01/2013

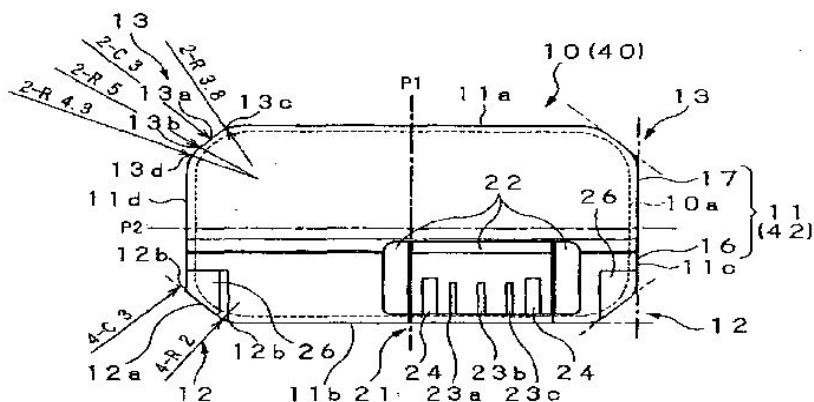
(54) Title of the invention : POWER SUPPLY

(51) International classification	:H01M 2/10	(71)Name of Applicant :
(31) Priority Document No	:JP2010-002063	1)SONY CORPORATION
(32) Priority Date	:29/03/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 1080075, JAPAN
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/053736	(72)Name of Inventor :
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(87) International Publication No	:WO 2010/122169	2)JIRO MORIYA
(61) Patent of Addition to Application Number	:NA	3)TOMOMARU UEDA
Filing Date	:NA	4)MICHIHITO KOBAYASHI
(62) Divisional to Application Number	:NA	5)TOSHIYUKI OKADA
Filing Date	:NA	6)HIDEKI KAMIYA

(57) Abstract :

Provided are a pack main body of a substantially rectangular parallelepiped shape in which a battery cell is embedded, and a terminal portion provided on a front face of the pack main body. The pack main body includes bevelled portions at corner portions formed by a top face and a bottom face and opposite side faces. The terminal portion is provided, in a protruding manner, on the front face at a position biased with respect to centre lines in a width direction and a height direction. The corner portions on one side have a chamfered shape and the corner portions on the other side have a rounded shape. Representative Drawing Fig. 5

FIG. 5



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9114/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FIBER WEB HAVING A HIGH STIFFNESS

(51) International classification	:B01D 39/00
(31) Priority Document No	:12/488,334
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038978
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/148189
(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)JAGANATHAN, SUDHAKAR

(57) Abstract :

The fiber webs described herein may be incorporated into filter media and filter elements. The webs may exhibit a high permeability and stiffness, at a low thickness. The stiffness can be sufficient for the webs to be pleated to include sharp, well-defined peaks which can be maintained in a stable configuration during use.

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9155/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INFORMATION PROCESSING DEVICE AND METHOD

(51) International classification	:H04N 7/32
(31) Priority Document No	:P2009-156563
(32) Priority Date	:01/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060605
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/001865
(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)SONY CORPORATION

Address of Applicant :1-7-1 KONAN MINATO-KU, TOKYO
1080075, JAPAN

(72)**Name of Inventor :**

1)KAZUSHI SATO

(57) Abstract :

The present invention relates to an image processing device and method enabling noise removal to be performed according to images and bit rates. A low-pass filter setting unit 93 sets, from filter coefficients stored in a built-in filter coefficient memory 94, a filter coefficient corresponding to intra prediction mode information and a quantization parameter. A neighboring image setting unit 81 uses the filter coefficient set by the low-pass filter setting unit 93 to subject neighboring pixel values of a current block from frame memory 72 to filtering processing. A prediction image generating unit 82 performs intra prediction using the neighboring pixel values subjected to filtering processing, from the neighboring image setting unit 81, and generates a prediction image. The present invention can be applied to an image encoding device which encodes with the H.264/AVC format, for example.

No. of Pages : 283 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9156/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HIGH ELONGATION FIBRE WITH GOOD ANCHORAGE

(51) International classification	:E04C 5/01
(31) Priority Document No	:09162571.5
(32) Priority Date	:12/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/058295
Filing Date	:14/06/2009
(87) International Publication No	:WO 2010/142808
(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)ANN LAMBRECHTS

(57) Abstract :

The invention relates to a steel fibre for reinforcing concrete or mortar. The fibre has a middle portion and anchorage ends. The middle portion has a maximum load capacity F_m and an elongation at maximum load $\Delta\ell_m$. The elongation at maximum load $\Delta\ell_m$ is at least 2.5 %. The steel fibre has an anchorage force in said concrete or said mortar of at least 90 % of the maximum load capacity F_m . The anchorage force is the maximum load obtained during a pull out test of a steel fibre embedded with one of the anchorage ends in the concrete or the mortar. The steel fibre has the advantage that it can be used at normal dosages in load carrying structures of concrete.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9158/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITION INCLUDING DIALKYL TIN OXIDE AND USE THEREOF AS A TRANSESTERIFICATION CATALYST FOR THE SYNTHESIS OF (METH)ACRYLIC ESTERS

(51) International classification	:B01J 23/14	(71) Name of Applicant :
(31) Priority Document No	:0953433	1)ARKEMA FRANCE
(32) Priority Date	:26/05/2009	Address of Applicant :420, RUE D'ESTIENNE D'ORVES, F-92700 COLOMBES, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050949	1)JEAN-MICHEL PAUL
Filing Date	:18/05/2010	2)BORIS TONNELIER
(87) International Publication No	:WO 2010/136696	3)FRANCIS AUGUSTIN
(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 relates to a composition including a dialkyl tin oxide, such as DBTO, which can be used as a transesterification catalyst for the synthesis of (meth)acrylic esters. The invention also relates to a method for the synthesis of (th)acrylic esters by transesterification in the presence of said composition. The composition of the invention is a solution with concentration of dialkyl tin oxide. The composition is easy to implement in a continuous process and results in an enhanced activity in relation to solid DBTO or the homolog thereof. Advantageously, the compounds used for producing the solution of alkyl tin oxide are the reagents used in the transesterification reaction and with or without the product of said reaction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9159/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CAMERA SYSTEM, SIGNAL DELAY AMOUNT ADJUSTING METHOD AND PROGRAM

(51) International classification	:H04N 5/225
(31) Priority Document No	:JP2010-082340
(32) Priority Date	:31/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/001742
Filing Date	:24/03/2011
(87) International Publication No	:WO 2011/121951
(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)SATOSHI TSUBAKI
3)TAMOTSU MUNAKATA
4)EISABURO ITAKURA
5)HIDEAKI MURAYAMA**

(57) Abstract :

A camera system having a plurality of camera pairs is provided. Each pair may have a camera control unit and a camera head unit respectively connected together by way of an asynchronous transmission network. The camera system may also have a central processing unit configured to obtain a video signal delay amount, representative of a time delay between a respective camera control unit and its respective camera head unit, for each of the plurality of camera pairs, and to adjust the video signal delay amount between at least one said camera control unit and its respective camera head unit to be equal to a selected video signal delay amount of another said camera control unit and its respective camera head unit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.9107/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HONEYCOMB BODY HEATABLE IN MULTIPLE STAGES

(51) International classification	:F01N 3/20
(31) Priority Document No	:10 2009 018 182.2
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055163
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/122005
(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)DORENKAMP, RICHARD

3)NAGEL, THOMAS

4)HODGSON, JAN

5)SCHEPERS, SVEN

6)KRUSE, CARSTEN

(57) Abstract :

The invention relates to an electrically heatable honeycomb body (1) having channels (2), comprising at least one heating disk (3) having at least one first layer stack (4) made of an electrically conductive material and one second layer stack (5) made of an electrically conductive material, wherein the first layer stack (4) and the second layer stack (5) are interleaved with each other and electrically insulated from each other, wherein the first layer stack (4) forms a first current path (8) for conducting an electrical current for a first heating circuit (10) and the second layer stack (5) forms a second current path (9) for conducting an electrical current for a second heating circuit (11). According to the invention the first heating circuit (10) of the heating disk (3) is also operated at a power of 300 W to 500 W and the second heating circuit (11) of the heating disk is operated at 500 W to 700 W. Thus the exhaust gas of an internal combustion engine can be evenly heated by several independent heating circuits in a common heating disk even with different heating capacities using a simple design.

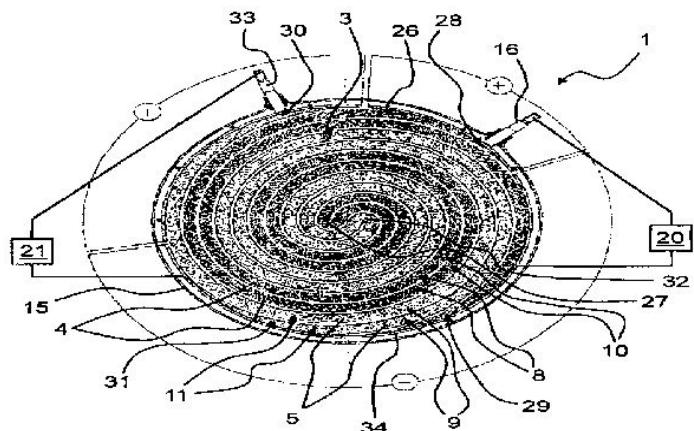


FIG. 1

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9144/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CAMERA APPLICATIONS IN A HANDHELD DEVICE

(51) International classification	:G03B 3/00
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069804
Filing Date	:30/12/2009
(87) International Publication No	:WO 2010/147609
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:8405/DELNP/2011
Filed on	:31/10/2009

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(72)**Name of Inventor :**

1)FERRON, BRAN

2)NISHIHARA, H., KEITH

(57) Abstract :

The present invention relates to a method, comprising: wirelessly receiving data from a second device, the data describing contents of a bar code; and performing an operation selected from a list of operations consisting of: 1) presenting a display showing an image of the bar code; and 2) wirelessly transmitting the data to a third device.

No. of Pages : 30 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9147/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS, SYSTEMS AND DEVICES FOR NEUROMODULATING SPINAL ANATOMY

(51) International classification	:A61B 17/00
(31) Priority Document No	:61/178,847
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034973
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/132816
(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 :

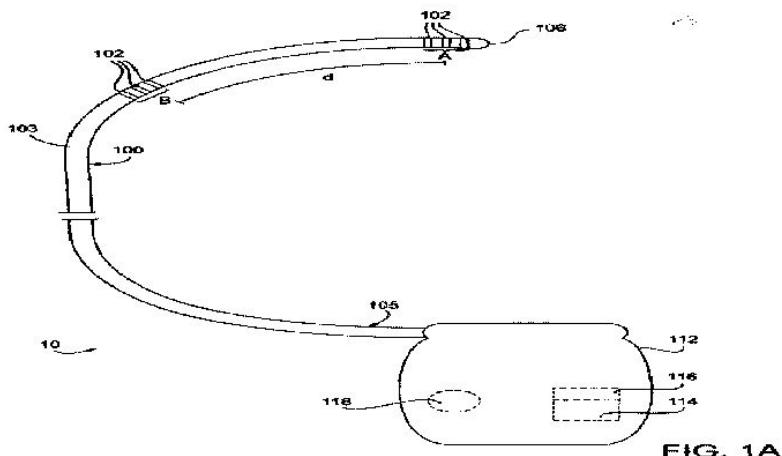
1)BROUNSTEIN, DANIEL, M.

2)BURDULIS, ALBERT, G.

3)SUMMA, CHRISTOPHER, D.

(57) Abstract :

Devices, systems and methods for treating pain or other conditions while minimizing possible complications and side effects. Treatment typically includes electrical stimulation and/or delivery of pharmacological or other agents with the use of a lead or catheter. The devices, systems and methods provide improved anchoring which reduces migration of the lead yet allows for easy repositioning or removal of the lead if desired. The devices, systems and methods also provide for simultaneous treatment of multiple targeted anatomies. This shortens procedure time and allows for less access points, such as needle sticks to the epidural space, which in turn reduces complications, such as cerebral spinal fluid leaks, patient soreness and recovery time. Other possible complications related to the placement of multiple devices are also reduced. Fig. 1A



No. of Pages : 50 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9149/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PURIFICATION OF A CONVENTIONAL POLYMER STREAM CONTAMINATED WITH PLA

(51) International classification	:C08J 11/08	(71) Name of Applicant :
(31) Priority Document No	:2009/0475	1)GALACTIC S.A.
(32) Priority Date	:06/08/2009	Address of Applicant :PLACE D'ESCANAFFLES, 23, BE-7760 ESCANAFFLES, BELGIUM
(33) Name of priority country	:Belgium	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/060142	1)COSZACH, PHILIPPE
Filing Date	:14/07/2010	2)WILLOCQ, JONATHAN
(87) International Publication No	:WO 2011/015433	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method for purifying a conventional polymer stream (PE, PP, PET, PVC, etc.) contaminated with not more than 50% PLA, comprising steps for the suspension of the polymer with solubilisation of the PLA fraction and the recovery of the purified polymer after separation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9151/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SOLID-LIQUID SEPERATION APPARATUS AND SOLID-LIQUID SEPERATION METHOD

(51) International classification	:B01D 21/24
(31) Priority Document No	:2009-165221
(32) Priority Date	:14/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061407
Filing Date	:05/07/2010
(87) International Publication No	:WO 201/007692
(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)HIRAI, TAKAAKI

4)NISHIZAWA, AKIHIKO

5)ISHII, HIROKI

6)YAMASHITA, TETSUO

(57) Abstract :

An object is to provide a solid-liquid separation apparatus that is capable of satisfactorily and efficiently producing supernatant. Provided is a a solid-liquid separation apparatus including a solid-liquid separation tank having a solid-liquid separation area, through which the solid-liquid separation tank generates supernatant and sludge concentrate from raw water containing sludge by gravity settling, in which the content rate of sludge of the supernatant is smaller than that of the raw water and the content rate of sludge of the sludge concentrate is greater than that of the raw water; a distributor that is located below liquid level of the solid-liquid separation tank to distribute and supply the raw water into the solid-liquid separation area; and a transfer tank that is located on the upper side of the distributor to transfer the supplied raw water to the distributor so that the raw water supplied into the transfer tank is transferred while falling within the transfer tank, the solid-liquid separation apparatus being configured so that the raw water falls within the transfer tank while being pressed against an inner peripheral surface of the transfer tank by at least one of centrifugal force and gravity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9130/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PIPERAZINE DITHIOCTATE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME

(51) International classification	:C07D 339/02
(31) Priority Document No	:10-2009-0056337
(32) Priority Date	:24/06/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/003954
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/151008
(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)KYOUUNG SOO KIM
2)YOUNG JUN PARK
3)HYUN-NAM SONG
4)IN SUK LEE
5)JOON WOO KIM

(57) Abstract :

The present invention relates to piperazine dithioctate, a novel addition salt of thioctic acid with a base and a pharmaceutical composition comprising the same. The piperazine dithioctate according to the present invention has good thermal and moisture stability and high water-solubility as well as dosage increase lower than other addition salts, thereby being effectively used for preparing a pharmaceutical composition for antioxidation or for preventing or treating diabetic polyneuropathy, etc.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9132/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MAGNETIC SHEET, ANTENNA MODULE, ELECTRONIC APPARATUS, AND MAGNETIC SHEET MANUFACTURING METHOD

(51) International classification	:H01Q 7/06
(31) Priority Document No	:2010-074956
(32) Priority Date	:29/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/001667
Filing Date	:22/03/2011
(87) International Publication No	:WO 2010/121933
(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)SONY CORPORATION

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TOKYO 1080075, JAPAN

(72)Name of Inventor :

1)KATO YOSHIHIRO

2)SHINICHI FUKUDA

3)KENICHI KABASAWA

4)YOSHITO IKEDA

5)KEISUKE MATSUNAMI

(57) Abstract :

A magnetic sheet for use with an antenna module is provided. The magnetic sheet may have a magnetically permeable layer having a plurality of randomly shaped pieces such that the magnetic sheet is configured to affect a resonance frequency of the antenna module. At least one of the randomly shaped pieces of the magnetic sheet does not have a rectangular or triangular shape. [DRAWINGS] [Fig. 1]

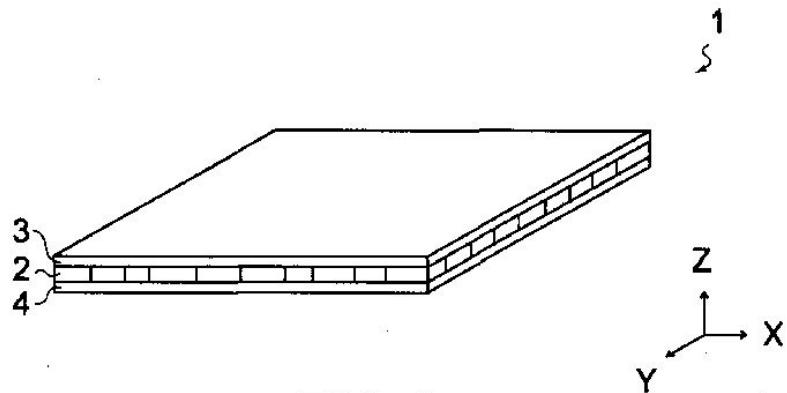


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9138/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : UV LIQUID STERILISER

(51) International classification	:A61L 2/10	(71) Name of Applicant : 1)STERIFLOW LIMITED Address of Applicant :5 GIFFARD COURT, MILLBROOK CLOSE, NORTHAMPTON NN5 5JF, UNITED KINGDOM
(31) Priority Document No	:0907338.8	
(32) Priority Date	:28/04/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2010/050697	(72) Name of Inventor : 1)SNOWBALL, MALCOLM, ROBERT
Filing Date	:28/04/2010	
(87) International Publication No	:WO 2010/125389	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fluid treatment apparatus particularly for sterilising drinks comprises an elongate tubular duct (110) and an elongate UV light source (111) extending longitudinally of the duct (110). The fluid flows longitudinally of the duct (110) in a thin annular low passage (114) which extends around the UV light source (111). A mixing device (112) disposed between adjacent longitudinal portions of the duct (110) for diverts all of the fluid flowing along a first portion of the passage (114) through fluid mixing means (113,116) in the device (112) and returns the mixed fluid to a second portion of the passage (114). Micro-organisms in the thin flow of fluid are killed as they come within close proximity of the light source (111). The mixing device (112) causes all of the flow to be thoroughly mixed and returned to the flow passage (114). The provision of a plurality of mixing devices along the length of the duct (110) increases the likelihood that all microorganisms receive a sufficient lethal dose of UV radiation.

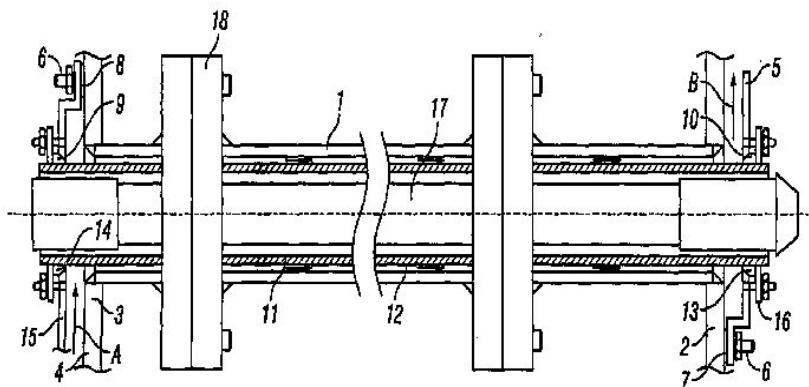


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9139/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FLUID FLOW METER

(51) International classification	:G01F 1/115
(31) Priority Document No	:0907012.9
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050663
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/122348
(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)ELSTER METERING LIMITED

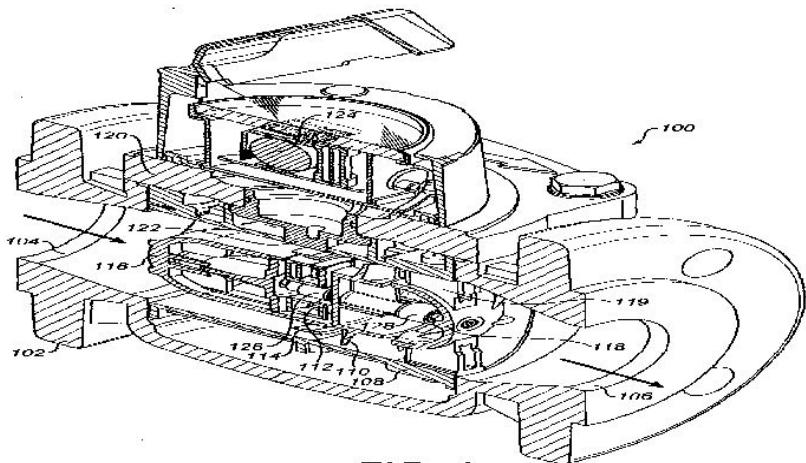
Address of Applicant :130 CAMFORD WAY, SUNDON PARK, LUTON, BEDFORDSHIRE LU3 3AN, UNITED KINGDOM

(72)Name of Inventor :

- 1)BARDON, ROSS, JAMES
- 2)CLARIDGE, RONALD, DESMOND
- 3)RASHID, ALAM
- 4)ROGERS, IVOR, THOMAS
- 5)STOCKILL, WILLIAM, DAVID
- 6)WRIGHT, DOUGLAS, RICHARD

(57) Abstract :

The present invention relates to a fluid flow meter, comprising: means for defining a fluid flow path; a rotor, with at least one blade, positioned in said fluid flow path; and a ring positioned upstream from, and adjacent to, said rotor; wherein the ring is adapted to conditions the flow at the leading edge of the rotor blade over a range of operating conditions. By providing a ring the accuracy and flow measuring range may be improved. [FIG. 1]



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9140/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMPROVED ULTRASOUND TRANSDUCER

(51) International classification	:A61B 8/00
(31) Priority Document No	:2009902886
(32) Priority Date	:23/06/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000757
Filing Date	:21/06/2010
(87) International Publication No	:WO 2010/148428
(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)SIGNOSTICS LIMITED

Address of Applicant :40-46 WEST THEBARTON ROAD,
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(72)Name of Inventor :

1)EL-AKLOUK, ESSA

2)BARTLETT, STEWART

3)PARKER, JOHN

(57) Abstract :

An ultrasound imaging device with a transducer which is moved in a repetitive motion by an ultrasonic motor, including an array of transducers wherein the distance between adjacent transducers is greater than the minimum separation of adjacent scanlines required to produce an ultrasound image of a desired resolution, the movement of the array allowing the device to produce an ultrasound image of at least the desired resolution.

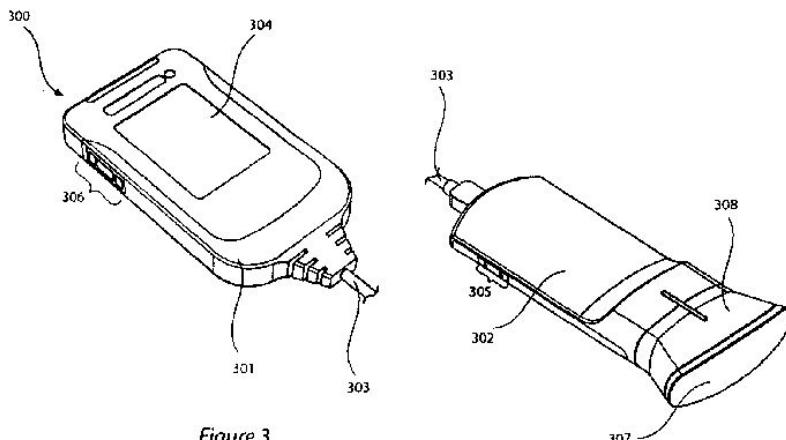


Figure 3

No. of Pages : 60 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9122/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR RECOVERING AND CONTROLLING POST-RECOVERY MOTION OF UNMANNED AIRCRAFT

(51) International classification

:B64F 1/02

(31) Priority Document No

:61/172,663

(32) Priority Date

:24/04/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/032314

Filing Date

:23/04/2010

(87) International Publication No

:WO 2010/138265

(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)JOHN STAFFORD

3)BRIAN D. DENNIS

4)ALLEN SMITH

5)JAIME MACK

6)STEVEN M. SLIWA

7)BRADLEY SCHRICK

8)ROBERT HUGHES

(57) Abstract :

Systems and methods for recovering unmanned aircraft and controlling post-recovery motion of the aircraft are disclosed herein. An aircraft recovery system for handling an unmanned aircraft in accordance with one embodiment of the disclosure includes a base portion and an elongated aircraft capture member having a first end movably coupled to the base portion and a second, free end opposite the first end. The aircraft capture member includes a first portion and a second portion at a distal end of the first portion and positioned to intercept an unmanned aircraft in flight. The first and/or second portions are generally flexible. The system further includes an energy capture and dissipation assembly operably coupled to the aircraft capture member and positioned to receive at least a portion of the landing forces from the aircraft.

No. of Pages : 32 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9123/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COPEPOD OIL COMPOSITIONS, FORMULATIONS COMPRISING THE OIL COMPOSITION, AND THE USE THEREOF TO REDUCE ACCUMULATION OF VISCELAR FAT, IMPROVE GLUCOSE TOLERANCE, AND PREVENT OR TREAT OBESITY RELATED DISEASES AND DISORDERS

(51) International classification	:A23D 9/00
(31) Priority Document No	:20092282
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Norway
(86) International Application No Filing Date	:PCT/NO2010/000223 :11/06/2010
(87) International Publication No	:WO 2010143977
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**

1)JAN RAA

2)GUNNAR RORSTAD

3)KURT STEINAR TANDE

(57) Abstract :

This invention relates to an oil composition, preferably obtained from a copepod, and the use thereof to reduce accumulation of visceral fat and counteract impairment of heart function caused by obesity inducing Western diets. The oil composition of the present invention can thus be used to reduce abdominal obesity and improve glucose tolerance and thus to reduce the risk of obesity related diseases such as but not limited to type 2 diabetes or cardiovascular disease, or to prevent or treat such diseases.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2011

(21) Application No.9125/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CONTINUOUS METHOD FOR PRODUCING ESTERS OF ALIPHATIC CARBOXYLIC ACIDS

(51) International classification	:C07C 67/08
(31) Priority Document No	:10 2009 031 053.3
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003446
Filing Date	:09/06/2010
(87) International Publication No	:WO 2011/000463
(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)MATTHIAS KRULL

2)ROMAN MORSCHHAUSER

(57) Abstract :

The invention related to a continuous method for producing aliphatic carboxylic acid esters by reacting at least one aliphatic carboxylic acid of formula (I) R1-COOH (I), wherein R1 represents hydrogen or an optionally substituted aliphatic hydrocarbon group with 1 to 50 carbon atoms, with at least one alcohol of formula (II) R2-(OH)n (II), wherein R2 represents an optionally substituted hydrocarbon group with 1 to 100 C atoms and n is an integer from 1 to 10, in the presence of at least one transesterification catalyst in a reaction tube the longitudinal axis of which extends in the direction of propagation of the microwaves of a monomode microwave applicator, under microwave irradiation to form the ester.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9169/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INTERACTIVE VOICE RESPONSE SYSTEM AND REALIZATION METHOD THEREOF.

(51) International classification	:H04M 11/00
(31) Priority Document No	:200910142310.6
(32) Priority Date	:27/05/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/073886
Filing Date	:11/09/2009
(87) International Publication No	:WO 2010/135880
(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)TAO, ZHIPING

2)ZHOU, ZHIJUN

(57) Abstract :

A method for implementing an interactive voice response system is provided, and the method includes: after receiving a call request, the IVR system queries user information of a user from an online charging system according to a user identifier in the call request, further acquires an IVR function menu customized for the user according to the user information, and provides all kinds of function services in the IVR function menu for the user.

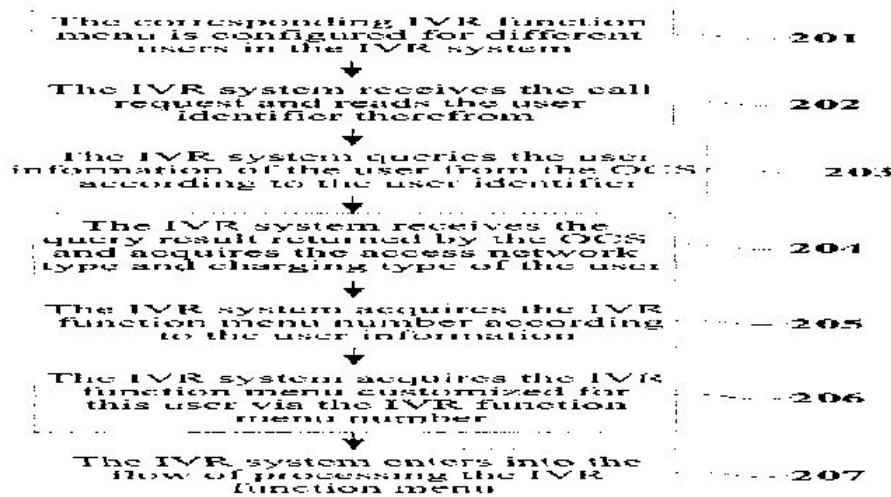


FIG. 2

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9171/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PHENOXYMETHYL HETEROCYCLIC COMPOUNDS

(51) International classification	:C07D 405/12
(31) Priority Document No	:61/176,413
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/068644
Filing Date	:18/12/2009
(87) International Publication No	:WO 2010/128995
(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)SHAPIRO, GIDEON

2)RIPKA, AMY

3)CHESWORTH, RICHARD

(57) Abstract :

Phenoxyethyl compounds that inhibit at least one phosphodiesterase 10 are described as are pharmaceutical compositions containing such compounds and methods for treating various CNS disorders by administering such compounds to a patient in need thereof.

No. of Pages : 138 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9174/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SIGNAL AMPLIFICATION MICROSPHERES, THEIR USE IN ONE-STEP AND MULTI-STEP ANALYTICAL AMPLIFICATION PROCEDURES AND METHODS FOR THEIR PRODUCTION

(51) International classification	:G01N 33/52
(31) Priority Document No	:0910010.8
(32) Priority Date	:10/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001144
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/142960
(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)MAK, WING CHEUNG

2)WONG, LING WAI

3)CHAN, PUI YEE CANGEL

4)RENNEBERG, REINHARD

(57) Abstract :

The present invention relates to microspheres comprising protein signal precursor molecules, or a carrier protein bonded to signal precursor molecules, wherein said signal precursor molecules are activatable to generate a detectable signal whilst remaining bonded to the carrier protein. Also disclosed is a method of making such microspheres comprising the steps of mixing protein molecules with a matrix former in solution; adding a reducing reagent to the mixture; removing the reducing reagent; and removing the matrix former to leave microspheres of protein molecules. Also disclosed are bioassay methods using the microspheres to provide signal amplification, including an amplification cycling procedure.

No. of Pages : 59 No. of Claims : 87

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9175/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS OF SIGNAL GENERATION AND SIGNAL LOCALIZATION FOR IMPROVEMENT OF SIGNAL READABILITY IN SOLID PHASE BASED BIOASSAYS'

(51) International classification	:G01N 33/543
(31) Priority Document No	:0910203.9
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001152
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/142963
(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)SUPERNOVA DIAGNOSTICS, INC.

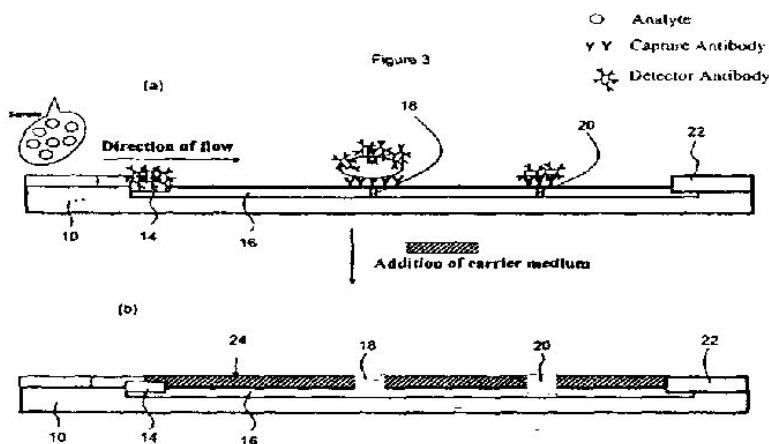
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- 2)WONG, LING WAI
- 3)CHAN, PUI YEE CANGEL
- 4)RENNEBERG, REINHARD
- 5)SIN, KING KEUNG

(57) Abstract :

The invention provides a method for generating and localizing a signal in a solid phase substrate detection system, comprising: applying a solution of a target material to a solid phase substrate; binding said target material with a specific affinity molecule for that target material to which a non-catalytic label is attached, said non-catalytic label comprising a plurality of signal precursor molecules; applying a carrier medium to said solid phase substrate, and treating the label to convert the plurality of signal precursor molecules to a plurality of detectable signal generating molecules; wherein said carrier medium comprises a solvent for the dissolution of the non-catalytic label and a thickener for causing localization of the signal generated by said plurality of detectable signal generating molecules indicating the presence and/or quantity of said target. In some embodiments, the carrier medium may also include a signal developing reagent that converts the plurality of signal precursor molecules to a plurality of detectable signal generating molecules. In other embodiments, a signal developing reagent is not necessary because the plurality of signal precursor molecules is converted to a plurality of detectable signal generating molecules by physical means such as change in temperature, change in pH, sonication, light irradiation or microwave heating. A test device for detecting a target in a fluid sample, and a kit of parts for determining the presence of a target in a fluid sample are also disclosed.



No. of Pages : 40 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9176/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : LIQUID PUMP APPARATUS AND METHOD

(51) International classification	:F04F 1/18
(31) Priority Document No	:0907944.3
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050751
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/128336
(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)SHORT, GARY

(57) Abstract :

Embodiments of the invention provide liquid pump apparatus. The apparatus may comprise an immersion assembly comprising at least one immersion member having a liquid conduit provided therein along at least a portion of a length thereof, the immersion assembly being arranged whereby in use at least a portion of the immersion assembly is immersed in liquid to be pumped, the apparatus being arranged to provide a supply of gaseous fluid to liquid in the tank through the at least one immersion member at one of a plurality of vertically spaced apart locations of the assembly thereby to cause passage of liquid through the assembly from a liquid inlet aperture to a liquid outlet aperture of the assembly, the apparatus being configured whereby a location at which gaseous fluid is supplied to the immersion assembly is selected to be a location at which a head of pressure of liquid in the tank is within a prescribed range of values.

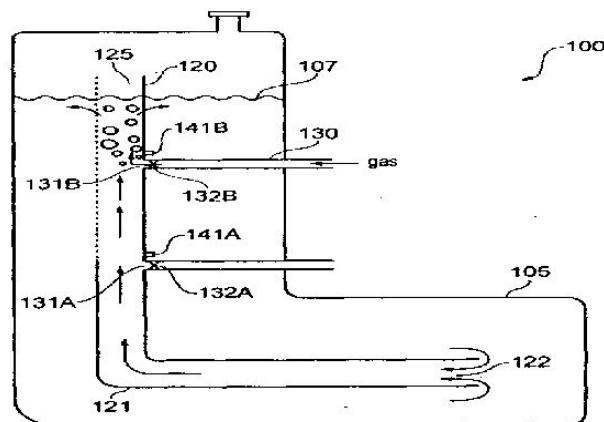


FIG. 1

No. of Pages : 19 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9178/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ARRANGING LINK RESOURCE FRAGMENTS

(51) International classification	:H04L 12/24
(31) Priority Document No	:200910108116.6
(32) Priority Date	:23/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/074148
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/148596
(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)LUO, ZHENJIANG

(57) Abstract :

The present invention relates to the field of optical communication and provides a method and system for arranging link resource fragments. The method comprises: configuring cascade services in a link in advance; generating a preset arrangement method according to an initial channel number of occupied channel(s) in the link and a cascade number of service born in the channel(s) (S210); a local end node that initiates a link resource arrangement notifying an opposite end node to arrange link resource fragments (S220); the local end node and the opposite end node reconfiguring a cross connection according to the preset arrangement method (S230). The method and system of the present invention can re-arrange the channel resources within one link, and integrate the scattered channel resource fragments into complete and available resources with a broader bandwidth, thus achieving the maximum utilization of the link bandwidth resources.

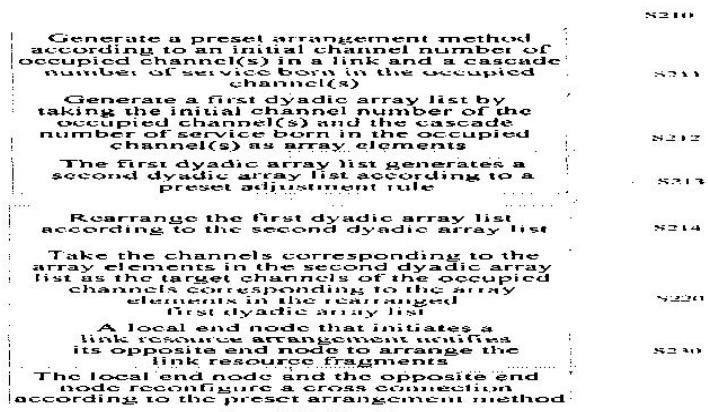


FIG. 2

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9179/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS AND DEVICES FOR AN ELECTRICALLY NON-RESISTIVE LAYER FORMED FROM AN ELECTRICALLY INSULATING MATERIAL

(51) International classification	:H01L 31/042
(31) Priority Document No	:61/172,357
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032464
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/124301
(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)OETTING, WOLF

2)ADRIANI, PAUL

(57) Abstract :

A method is described that provides a current carrying substrate and individually controlling film characteristics for a material being simultaneously formed on both sides of the substrate so as to provide a first layer of the material on one side substantially thicker than a second layer on another side of the substrate. The thinned layer is formed from an electrically insulating material but is configured such that the layer provides no significant electrical resistance to current passing through the layer. Fig: 1a; 1b; 1c; 1d; 1e

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9180/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SENSOR AND METHOD FOR MEASURING THE SURFACE LEVEL OF A LIQUID PHASE METAL'

(51) International classification	:C01F 23/26
(31) Priority Document No	:09/52849
(32) Priority Date	:29/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/ER2010/050810
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/125310
(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)AVEMIS

Address of Applicant :19 RUE DU MONT BLANC LOT LES FANGES 69850 SAINT MARTIN EN HAUT FRANCE

(72)Name of Inventor :

1)DUSSUD, MICHEL

(57) Abstract :

The invention relates to a sensor (1) for measuring the surface level of a liquid phase metal in a continuous casting plant including an ingot mold having an upper surface into which an opening (4), in which a liquid metal is fed, leads, characterized in that the sensor includes: an air excitation coil (7) perpendicular to the upper surface of the ingot mold and arranged near the opening, powered by a current for generating a magnetic field, the field lines of which propagate along upper field lines away from the ingot mold and along the lower field lines covering the upper surface of the ingot mold and the molten metal surface; a lower air reception coil (8) parallel to the excitation coil, in which an induced voltage is generated by the action of the lower field lines, wherein the latter can be modified by a variation in the level of the molten metal surface; and an upper air reception coil (9) parallel to the excitation coil, vertically adjacent to the lower excitation coil, and having a shape and characteristics identical to those of the latter, wherein the induced voltage is generated by the action of the upper field lines, the latter being substantially free of disturbances generated by the molten metal surface.

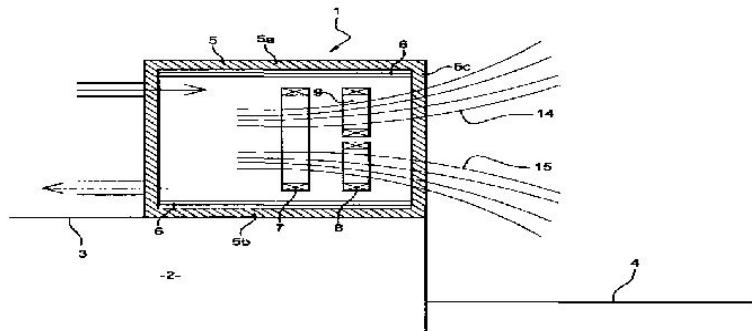


FIG.1

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9181/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PNEUMATIC DISC BRAKE DEVICE FOR RAILWAY ROLLING STOCK

(51) International classification	:B61H 5/00
(31) Priority Document No	:2009-117176
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058088
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/131699
(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)SUMITOMO METAL INDUSTRIES, LTD.

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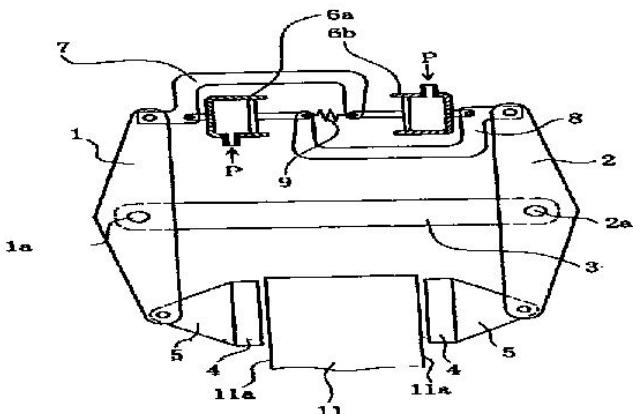
(72)Name of Inventor :

1)SATO, YOSHI

(57) Abstract :

A pneumatic disc brake device for a railway rolling stock which can produce two times the conventional braking force when the brake cylinder diameter is the same comprises first and second brake levers (1,2), a pair of brake pads (4) which are mounted through brake heads (5) at one end of the brake levers so as to oppose to a brake disc, and a brake cylinder (6) disposed between the other ends of the first and second brake levers, wherein the brake cylinder (6) comprises a first cylinder part (6a) and a second cylinder part (6b) disposed in series. Fig. 1

Fig. 1



No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9190/DELNP/2011 A

(43) Publication Date : 18/01/2013

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

(51) International classification	:G02B 5/18
(31) Priority Document No	:2009-145532
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060306
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/147185
(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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TOKYO 110-0016, JAPAN

(72)**Name of Inventor :**

1)YASHIKI KAZUHIRO

2)SAWAMURA CHIKARA

3)UMEZAKI KOJI

4)KUBO AKIRA

(57) Abstract :

Provide is an optical technique that makes it possible to stably form a reflective layer with a high positional accuracy. An optical device according to the present invention includes a relief structure formation layer, a first layer made of a first material having a refractive index different from that of a material of the relief structure formation layer, and a second layer made of a second material different from the first material and covering the first layer, a ratio of an amount of the second material at a position of the second region to an apparatus area of the second region being zero or smaller than a ratio of an amount of the second material at the position of the second sub-region to an apparatus area of the second sub-region.

No. of Pages : 89 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9191/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CYCLIN DEPENDENT KINASE INHIBITORS AND METHODS OF USE

(51) International classification	:A61K 38/18
(31) Priority Document No	:61/177,724
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034816
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132725
(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)SHARPLESS NORMAN E.
2)ROBERTS PATRICK J.
3)WONG KWOK-KIN
4)LIU YAN
5)JOHNSON SOREN**

(57) Abstract :

The presently disclosed subject matter relates to methods and compositions for protecting healthy cells from damage due to DNA damaging agents. In particular, the presently disclosed subject matter relates to the protective action of selective cyclin dependent kinase 4/6 (CDK4/6) inhibitors administered to subjects that have been exposed to or that are at risk of exposure to DNA damage.

No. of Pages : 100 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9193/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 1-(PIPERIDIN-4-YL)-PYRAZOLE DERIVATIVES AS GPR 119 MODULATORS

(51) International classification	:C07D 401/04
(31) Priority Document No	:61/184,355
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052377
Filing Date	:27/05/2010
(87) International Publication No	:WO 20110/140092
(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)PFIZER INC.

Address of Applicant :235 EAST 42ND STREET, NEW YORK 10017 U.S.A.

(72)Name of Inventor :

- 1)DENINNO MICHAEL PAUL
- 2)FUTATSUGI KENTARO
- 3)KUNG DANIEL WEI-SHUNG
- 4)LEFKER BRUCE ALLEN
- 5)MASCITTI VINCENT
- 6)MCCLURE KIM FRANCIS
- 7)MUNCHHOF MICHAEL JOHN
- 8)ROBINSON JR., RALPH PELTON

(57) Abstract :

Compounds of Formula I that modulate the activity of the G-protein-coupled receptor GPR119 and their uses in the treatment of diseases linked to the modulation of the G-protein-coupled receptor GPR119 in animals are described herein.

No. of Pages : 114 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9196/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : STRUCTURED FIBROUS WEB

(51) International classification	:A61F 13/15
(31) Priority Document No	:12/477,600
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037061
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/141578
(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 PROCTER & GAMBLE COMPANY
Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, OHIO 45202, U.S.A.

(72)Name of Inventor :

**1)BOND, ERIC, BRYAN
2)KRIPPNER, CAROLA, ELKE BEATRICE
3)STRUBE, JOHN, BRIAN**

(57) Abstract :

The present invention is directed to a structured fibrous web comprising thermally stable, hydrophilic fibers that are thermally bonded together using heat producing a base substrate that is thermally stable. The base substrate is textured via mechanical treatment to increase its thickness and optionally modified via over bonding to improve its mechanical and fluid handling properties. The structured fibrous web provides optimal fluid wicking and fluid acquisition capabilities and is directed toward fluid management applications.

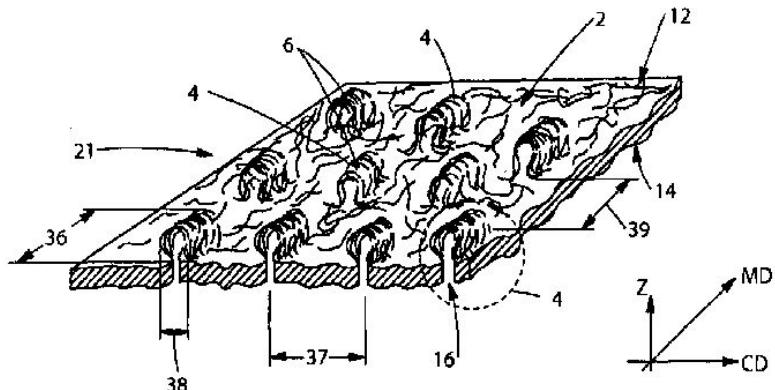


Fig. 3

No. of Pages : 98 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9197/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ENDOVASCULAR ELECTROSTIMULATION NEAR A CAROTID BIFURCATION IN TREATING CEREBROVASCULAR CONDITIONS

(51) International classification	:A61N 1/36
(31) Priority Document No	:61/178,049
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052134
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/131219
(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)SAMSON NEUROSCIENCES LTD.

Address of Applicant :39 YAKINTON STREET, HAIFA
34792 (IL) Israel

(72)Name of Inventor :

1)SHALEV, ALON

(57) Abstract :

An interventional system that utilizes a carotid chemoreceptor(s) and optionally baroreceptor(s) for inducing vasodilatation in blood vessels of the brain is provided for treating ischemic conditions of the CNS, such as ischemic stroke and cerebral vasospasm. The system includes an electrical signal generator and an endovascular module with electrode units for transiently being disposed in the internal and external carotid arteries, adjacent a carotid body. Fig. 3

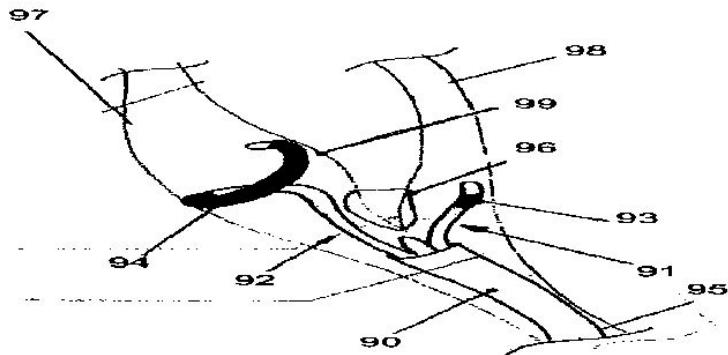


Fig. 3

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9198/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BLADE CARTRIDGE.

(51) International classification	:B26B 21/40
(31) Priority Document No	:61/187,840
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038971
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/148183
(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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U.S.A.

(72)Name of Inventor :

1)JOHNSON, ROBERT HAROLD

2)WESTER, CHRISTIAN REBER

(57) Abstract :

A shaving blade cartridge containing a guard on its leading edge is provided. The guard employs an array of flexible fins. There is at least one change in stiffness among the different fins situated within the array.

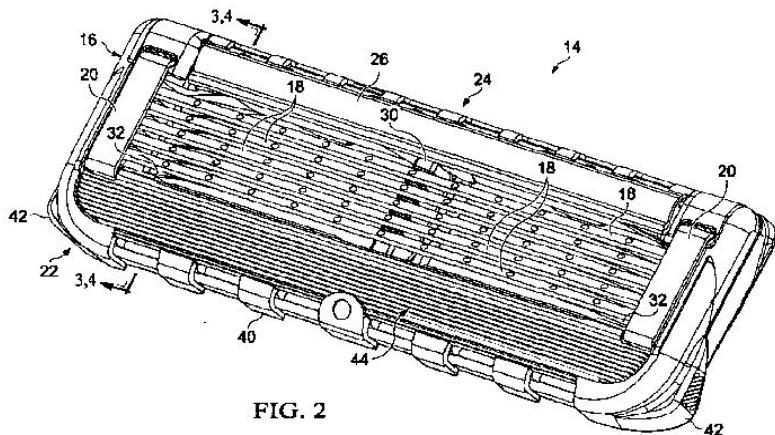


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9208/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FORGING DIE HEATING APPARATUSES AND METHODS FOR USE

(51) International classification	:B21J 1/06
(31) Priority Document No	:12/480,246
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035349
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/144220
(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 :1600 NE OLD SALEM ROAD,
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(72)Name of Inventor :

1)URBAN J. DE SOUZA

2)ROBIN M. FORBES-JONES

3)BILLY B. HENDRICK

4)ALONZO L. LILES

5)RAMESH S. MINISANDRAM

6)STERRY A. SHAFFER

(57) Abstract :

A forging die (412', 414') heating or preheating apparatus (420) comprises a burner head (422) comprising a plurality of flame ports (426). The burner head (422) is oriented to compliment an orientation of at least a region of a forging surface of a forging die and is configured to receive and combust a supply of an oxidizing gas and a supply of a fuel and produce flames at the flame ports. The burner portion (432) can be movable with respect to the burner portion (432') to conform at least a portion of the burner head (422) to an orientation of the forging surface (416') of the forging die (410'). The plurality of flame ports (426) are thus configured to impinge the flames onto the forging surface (416', 418') of the forging die to substantially uniformly heat at least the region of the forging surface of the forging die.

No. of Pages : 100 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9210/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SELF MICRO-EMULSIFYING ORAL PHARMACEUTICAL COMPOSITION OF HYDROPHILIC DRUG AND PREPARATION METHOD THEREOF

(51) International classification	:A61K 9/107
(31) Priority Document No	:61/172,901
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CN2010/000577
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/124525
(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)INNOPHARMAX, INC.

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(72)**Name of Inventor :**

1)CHANG-SHAN HSU

2)WEI-HUA HAO

3)JONG-JING WANG

4)TSUNG-HSIN LIN

(57) Abstract :

A self micro-emulsifying oral pharmaceutical composition of a hydrophilic drug or its pharmaceutical acceptable salt and the preparation method thereof are disclosed. The composition comprises hydrophilic drug such as bendamustine or gemcitabine, solvent, surfactant and hydrophilic carrier, and has good bioavailability and stability. Said hydrophilic carrier is compatible with drug solution and surfactant.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9212/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VARIABLE ANGLE SCREW PLATE SYSTEMS

(51) International classification	:A61B 17/80
(31) Priority Document No	:61/181,149
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031722
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/138260
(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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OBERDORF, SWITZERLAND

(72)Name of Inventor :

1)URS HULLIGER

2)ROBERT FRIGG

(57) Abstract :

A bone fixation element comprises a shaft extending longitudinally from a proximal end to a distal end and a head connected to the proximal end of the shaft. The head includes a radially outer abutting structure deformable to lockingly engage an inner wall of an opening through a bone plate. Deformation of the abutting structure permits the head to lock the bone fixation element within the opening at any user-selected angle with respect to a central axis of the opening within a permitted range of an-gulation.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9213/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICE FOR THE AUTOMATIC OPERATION OF A MANUAL GEAR BOX

(51) International classification :F16H 63/20
(31) Priority Document No :0950469-7
(32) Priority Date :17/06/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE10/050664
 Filing Date :14/06/2010
(87) International Publication No :WO 2010/147543
(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)SCANIA CV AB

Address of Applicant :S-151 87 SODERTALJE, SWEDEN

(72)Name of Inventor :

1)MAGNUS HAGBERG

(57) Abstract :

The invention relates to an operating device for an automatically switched manual gearbox. The gearbox is provided with a movable engagement element for each gear. The operating device is provided with rotary shafts (1) and rotatable shift fingers (2, 3, 4) to move selected engagement elements. According to the invention, the shift finger means (2, 3, 4) comprise a number of separate shift fingers (2, 3, 4) each associated with a specific engagement element. Each shift finger (2, 3, 4) is adapted to being separately pivotable independently of the other shift fingers (2, 3, 4).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9214/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICE FOR SUPPORTING BRAKE SHOES OF A DRUM BRAKE

(51) International classification	:F16D 51/20
(31) Priority Document No	:10 2009 027 081.7
(32) Priority Date	:22/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/058455
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/149553
(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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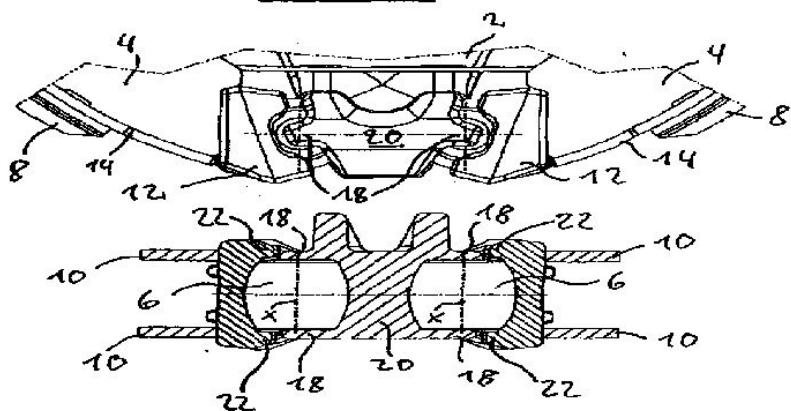
(72)Name of Inventor :

1)DREWES, OLAF

(57) Abstract :

A device for supporting brake shoes of a drum brake of a vehicle, in particular of a utility vehicle or an agricultural machine, comprising a brake carrier (2), a brake lining carrier (4) and a bearing body (6), wherein the brake lining carrier is arranged on the brake carrier so as to be swivelable across the bearing body in such a way that the brake lining carrier can be pivoted along a plane of swiveling, the inclination of said plane of swiveling to the brake carrier being variable, wherein the bearing body has a bearing surface which is rotation-symmetrical about its bearing axis and the front faces (16) of the bearing body have fastening portions for arranging the bearing body on the brake carrier or on the brake lining carrier. [Fig. 2]

FIG. 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9182/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MULTI-PHASE FLUID MEASUREMENT APPARATUS AND METHOD

(51) International classification	:G01D 21/02
(31) Priority Document No	:61//175,370
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033617
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129603
(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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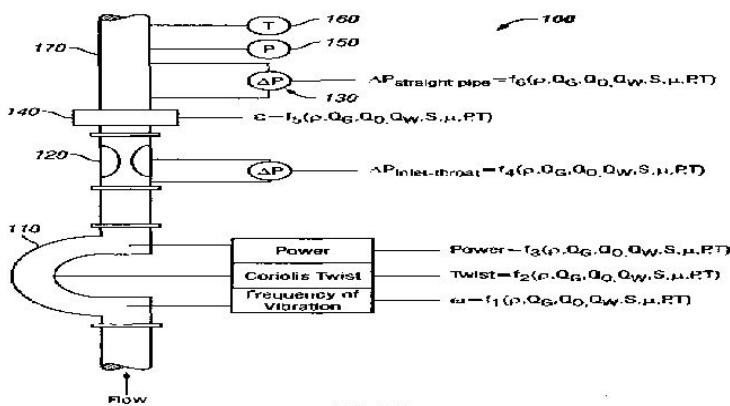
(72)Name of Inventor :

1)AGAR, JORAM

2)SIDDAVARAM, VIKRAM

(57) Abstract :

The present disclosure provides a flow meter including a vibrating element configured to be inserted in a measured fluid; a driver circuit to vibrate the vibrating element in its natural frequency of oscillation; one or more additional technology flow meters configured to measure an additional property of the fluid; a data acquisition circuit configured to measure signals effected by the flow of a multi-phase fluid; and a computer suitable to solve non-linear simultaneous equations. The fluid may include gas, oil and/or water. The fluid may also include solids.



No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9184/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MOBILE SELF-CONTAINED STONE-MAKING AND CONCRETE-PROCESSING FACTORY

(51) International classification	:B28B 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CA2009/000775
Filing Date	:28/05/2009
(87) International Publication No	:WO 2010/135802
(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 :P.O. BOX 92, PERTH, ONTARIO
K7H 3E3, CANADA

(72)Name of Inventor :

1)TROKE GARY

(57) Abstract :

A novel mobile self-contained stone-making and cement- forming factory comprises, in general, four main components, namely (1) a power plant, (2) a receptacle for receiving local aggregate, (3) a batching module for mixing aggregate with cementitious material and water and for feeding the batch to a compression station and (4) the compression station for compressing the batch into a stone, block, paver, tile, brick or other stone-type product of variable size, colour, and surface finish. These main four components are supported together on a trailer or other portable frame that can be towed or otherwise transported to the construction site. Optional compression plates can be provided to produce customized double-faced stone products. The mobile factory- enables efficient, inexpensive, onsite manufacturing of a broad range of different stone products.

No. of Pages : 51 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9185/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : POLYCYCLIC ANTAGONISTS OF LYSOPHOSPHATIDIC ACID RECEPTORS

(51) International classification	:C07D 261/08
(31) Priority Document No	:61/183,785
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037309
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141761
(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)HUTCHINSON JOHN HOWARD

2)SEIDERS THOMAS JON

3)WANG BOWEI

4)ARRUDA JEANNIE M.

5)ROPPE JEFFREY ROGER

6)PARR TIMOTHY

(57) Abstract :

Described herein are compounds that are antagonists of lysophosphatidic receptor(s). Also described are pharmaceutical compositions and medicaments that include the compounds described herein, as well as methods of using such antagonists, alone and in combination with other compounds, for treating LPA-dependent or LPA-mediated conditions or diseases.

No. of Pages : 94 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9187/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DENTIFRICE COMPOSITION

(51) International classification

:A61K 8/21

(31) Priority Document No

:61/181,116

(32) Priority Date

:26/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/036041

Filing Date

:25/05/2010

(87) International Publication No

:WO 2010/138492

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COLGATE-PALMOLIVE COMPANY

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(72)Name of Inventor :

1)MORGAN ANDRE

2)PORTER VENDA

3)MARTINETTI MELISSA

4)PRENCIPE MICHAEL

(57) Abstract :

Disclosed are dentifrice compositions comprising an orally acceptable vehicle and at least one source of metal ions in a polymer matrix, the metal being selected from zinc, stannous, copper or combinations thereof, the at least one source of metal ions comprising from 10 to 75 wt% of the total weight of the polymer matrix and the at least one source of metal ions, and wherein the dentifrice composition comprises less than 10 wt% water based on the total weight of the dentifrice composition. Also disclosed is a method of stabilizing at least one source of metal ions in a dentifrice composition.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9221/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR THE SIMULTANEOUS PRODUCTION OF IRON AND A CRUDE SYNTHESIS GAS CONTAINING CO AND H2.

(51) International classification	:C21B 5/00	(71) Name of Applicant :
(31) Priority Document No	:10 2009 022 510.2	1)THYSSENKRUPP UHDE GMBH
(32) Priority Date	:25/05/2009	Address of Applicant :FRIEDRICH-UHDE-STRASSE 15
(33) Name of priority country	:Germany	44141 DORTMUND, GERMANY.
(86) International Application No	:PCT/EP2010/056083	(72) Name of Inventor :
Filing Date	:05/05/2010	1)MENZEL, JOHANNES
(87) International Publication No	:WO 2010/136306	
(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 a method for simultaneously producing iron and a crude syngas containing CO and H2 by means of a blast furnace that is charged with iron ore and carbon-containing reducing agents. The amount of carbon-containing reducing agents fed to the blast furnace is greater than the amount of fuel required for producing the iron. Technically pure oxygen is fed into the blast furnace for the blast furnace process and for producing the crude syngas. In addition, CO2 and/or steam are fed to the blast furnace in order to control the ratio between CO and H2 in the crude syngas discharged from the blast furnace as top gas and/or moderate the temperature at which the oxygen is injected.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9222/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HIGHLY OXIDIZED GRAPHENE OXIDE AND METHODS FOR PRODUCTION THEREOF

(51) International classification	:C08F 301/00
(31) Priority Document No	:61/180,505
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034905
Filing Date	:14/05/2010
(87) International Publication No	:WO 2011/016889
(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)WILLIAM MARSH RICE UNIVERSITY

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77005 (US) U.S.A.

(72)Name of Inventor :

1)TOUR, JAMES, M.

2)KOSYNKIN, DMITRY, V.

(57) Abstract :

A highly oxidized form of graphene oxide and methods for production thereof are described in various embodiments of the present disclosure. In general, the methods include mixing a graphite source with a solution containing at least one oxidant and at least one protecting agent and then oxidizing the graphite source with the at least one oxidant in the presence of the at least one protecting agent to form the graphene oxide. Graphene oxide synthesized by the presently described methods is of a high structural quality that is more oxidized and maintains a higher proportion of aromatic rings and aromatic domains than does graphene oxide prepared in the absence of at least one protecting agent. Methods for reduction of graphene oxide into chemically converted graphene are also disclosed herein. The chemically converted graphene of the present disclosure is significantly more electrically conductive than is chemically converted graphene prepared from other sources of graphene oxide.

No. of Pages : 47 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9225/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MONITORING THE DEGREE OF INTEGRATION BETWEEN THE FUNCTIONS OF THE HEART AND THE LUNGS, AND THE THERAPEUTIC SUCCESS OF RESUSCITATIVE INTERVENTIONS

(51) International classification	:A61B 5/08
(31) Priority Document No	:61/173,136
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2010/000684 :27/04/2010
(87) International Publication No	:WO 2010/124395
(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)BRODKIN IAN

2)WILLMS ARTHUR

3)HALWANI FOUAD

4)AYOUBI AWNI

5)AYOUBI NATHAN

(57) Abstract :

A method, system and apparatus for assessing the coupling between lung perfusion and ventilation in a patient who is mechanically ventilated or who is breathing spontaneously through a conventional artificial airway is provided. Embodiments of the apparatus comprise an adaptor configured to fit between the artificial airway and mechanical ventilator (or to attach to the free end of the artificial airway in cases where the patient is breathing spontaneously), a measuring chamber in constant fluid communication with the adaptor via one or more measuring chamber sampling ports, and a monitoring unit where data obtained from temperature and relative humidity sensors located in the measuring is calibrated, sampled, logged and analyzed together with anthropometric patient data provided by the operator in order to calculate and/or derive a novel cardio-pulmonary coupling index termed Qi as described, and to enable ongoing diagnostic cardio-pulmonary monitoring of a patient by comparing changes in the patient's Qi index during a monitoring interval. The Qi index is expressed in non-dimensional units, and is displayed relative to a range of normal values defined with reference to values that are commonly observed at rest in persons in good general health and who generally match a given patient in gender, age and body size, and/or as a specific patient's baseline values at rest or under stress at the outset of a monitoring interval.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9227/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BRUSHLESS DIRECT CURRENT ACTUATOR WITH CLIP FOR RETAINING BOBBINS

(51) International classification	:H02K 3/52
(31) Priority Document No	:61/217,100
(32) Priority Date	:27/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035963
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/138455
(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)CTS CORPORATION

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(72)**Name of Inventor :**

1)CORS DOUGLAS

2)BLAKESLEY PATRICK

3)GARVER RYAN

4)CRITES DEREK

(57) Abstract :

A brushless rotary actuator comprises a housing including a motor housing defining a cavity for a motor assembly and a cover defining a cavity for a gear assembly. The motor assembly includes a rotor and a stator with a plurality of bobbins. A clip in the form of a ring plate is seated against the bobbins for retaining the bobbins on the stator. Fingers formed on the ring plate are fitted into respective slots defined by respective bobbin terminals. A circuit board is seated in the housing against an interior shoulder of the motor housing. A plate is seated in the housing against a peripheral rim of the motor housing in a spaced relationship above the circuit board.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9161/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FLOW CONTROLLED MICROFLUIDIC DEVICES

(51) International classification	:B01F 13/00
(31) Priority Document No	:2009120627
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/US2010/036333
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/138676
(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)MIKHAIL SERGEEVICH CHIVILIKHIN

2)LEV LVOVITCH KUANDYKOV

(57) Abstract :

A microfluidic device 10 comprises at least one reactant passage 60 defined within a layer 50 of the microfluidic device 10 and comprising one or more chambers 70,75 disposed along a central axis 110. Each chamber 100 is divided at a flow-splitting region 150 into two subpassages 140,145 that diverge from the central axis 110 and then converge together at a flow-joining region 160. The flow-splitting region 150, the flow-joining region 160 or both may comprise at least one flow-directing cape 180,185 comprising a terminus 190,195 positioned along the central axis 110. In some embodiments, each subpassage 140 may comprise at least one bend 170. In other embodiments, each subpassage 310 may comprise at least two spaced bends 330,335.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9162/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CAMERA SYSTEM, SIGNAL DELAY AMOUNT ADJUSTING METHOD AND PROGRAM

(51) International classification	:H04N 5/225
(31) Priority Document No	:JP2010-082341
(32) Priority Date	:31/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/001743
Filing Date	:24/03/2011
(87) International Publication No	:WO 2011/121952
(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)HIROAKI TAKAHASHI
2)TAMOTSU MUNAKATA
3)HIDEAKI MURAYAMA
4)SATOSHI TSUBAKI
5)EISABURO ITAKURA
6)NA**

(57) Abstract :

A system and method for adjusting one or more signal delays. The signal delays are adjusted by obtaining delay amounts of video signals associated with respective camera units and respective camera control units, the camera units being coupled to respective ones of the camera control units via an asynchronous network, and adjusting one or more of the delay amounts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9163/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD OF REDUCING INTRAOCULAR PRESSURE IN HUMANS

(51) International classification	:A61K 31/076
(31) Priority Document No	:61/174,655
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033112
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/127210
(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)INOTEK PHARMACEUTICALS CORPORATION
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(72)Name of Inventor :

1)SHIKHA BARMAN
2)RUDOLF A. BAUMGARTNER

(57) Abstract :

Provided herein are compounds of Formula I, compositions comprising an effective amount of a compound of Formula I, and methods for reducing intraocular pressure comprising administering an effective amount of compounds of Formula I to a subject in need thereof.

No. of Pages : 65 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9164/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMAGE PROCESSING DEVICE AND METHOD, AND PROGRAM

(51) International classification	:H04N 5/232
(31) Priority Document No	:P2010-079185
(32) Priority Date	:30/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/056107
Filing Date	:15/03/2011
(87) International Publication No	:WO 2011/122335
(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)MASAYA KINOSHITA

2)YUTAKA YONEDA

3)TAKASHI KAMEYA

(57) Abstract :

The present invention relates to an image processing device and method, and a program whereby a subject can be imaged in a simpler manner with a desired imaging range. A size ratio calculating unit 553 calculates a size ratio between a region of interest that is a region of a subject of interest, and a partial region that is the region of a portion of the subject included in the region of interest with an imaged image that has been imaged, and a lens driving control unit 556 controls the zoom power of an imaged image according to a zoom operation by a user so that the size ratio calculated by the size ratio calculating unit 553, and a predetermined value match or generally match. The present invention may be applied to an imaging apparatus.

No. of Pages : 153 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.9165/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMPROVEMENTS IN SECURITY SUBSTRATES

(51) International classification	:B42D 15/00
(31) Priority Document No	:0909652.0
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001033
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/139930
(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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KINGDOM

(72)**Name of Inventor :**

1)SIMON DEXTER MARCHANT

2)PAUL HOWLAND

3)JANINA MOREKE

(57) Abstract :

The security substrate comprises an at least partially light transmitting carrier supporting a security feature and the security feature comprises at least first and second layers at least one of which covers an area which is less than a full surface area of the carrier and which at least partially overlaps the other layer. The layers have substantially the same colour and texture and the reflective contrast ratio of the overlapping areas and the non-overlapping areas is less than 20% and the transmissive contrast ratio of the overlapping areas and the non-overlapping areas is greater than 30%

No. of Pages : 30 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9249/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 'RESISTANCE TO BACTERIAL INFECTION

(51) International classification	:C12Q 1/68
(31) Priority Document No	:0907409.7
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000850
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/125345
(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)MARK FIFE

2)PETER KAISER

3)NIGEL SALMON

(57) Abstract :

The present invention provides a method of identifying an animal having a genotype associated with resistance to bacterial infection comprising the steps of: (a) providing a sample from said animal; (b) determining the alleles at one or more markers of the SAL 1 locus to identify the genotype of the marker, wherein said SAL1 locus Lies between 54.0 MB to 54.3 MB of chicken Chromosome 5 or an equivalent thereof; and (c) determining whether the genotype is a genotype associated with lance to bacterial infection.

No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9215/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : STACKED-CHIP PACKAGES IN PACKAGE-ON-PACKAGE APPARATUS, METHODS OF ASSEMBLING SAME, AND SYSTEMS CONTAINING SAME

(51) International classification	:H01L 23/12
(31) Priority Document No	:12/459,226
(32) Priority Date	:26/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033536
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/151375
(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 :2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CALIFORNIA 95052, U.S.A.

(72)**Name of Inventor :**

1)MUTHUKUMAR, SRIRAM

2)GEALERG, CHARLES A.

(57) Abstract :

A stacked-chip apparatus includes a package substrate and an interposer with a chip stack disposed with a standoff that matches the interposer. A package-on-package stacked-chip apparatus includes a top package disposed on the interposer.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9216/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : OPTIMIZING CODE USING A BI-ENDIAN COMPILER

(51) International classification	:G06F 9/45
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/RU2009/000316
Filing Date	:25/06/2009
(87) International Publication No	:WO 2010/151167
(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)INTEL CORPORATION

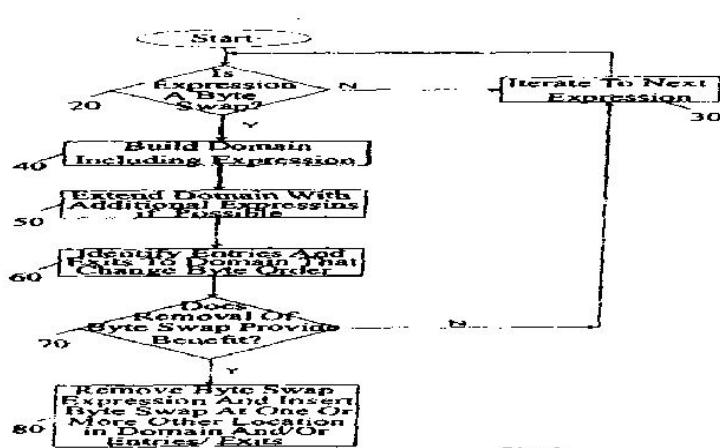
Address of Applicant :2200 MISSION COLLEGE BLVD., SANTA CLARA, CA 95054, U.S.A.

(72)Name of Inventor :

1)LEONKO, MIKHAIL YURIEVICH

(57) Abstract :

In one embodiment, a method includes identifying a byte swap operation, building a domain including the byte swap operation and other expressions, identifying domain entries and domain exits associated with the domain, determining that a benefit will be obtained by performing a swap of the domain, and responsive to the determination performing the swap of the domain, and storing the swapped domain in a storage medium. Other embodiments are described and claimed.



No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9254/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SAFENING PENOXSULAM HERBICIDE INJURY IN WATER-SEEDED, DIRECTSEEDED AND TRANSPLANTED PADDY RICE

(51) International classification	:A01N 43/90	(71) Name of Applicant : 1)DOW AGROSCIENCES LLC Address of Applicant :9330 ZIONSVILLE ROAD, INDIANAPOLIS, INDIANA 46268-1054, U.S.A.
(31) Priority Document No	:61/174,627	
(32) Priority Date	:01/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/032357 :26/04/2010	(72) Name of Inventor : 1)RICHARD MANN 2)DEBORAH SHATLEY
(87) International Publication No	:WO 2010/126812	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Clomazone safens rice from the slight amounts of damage caused by penoxsulam at concentrations required to adequately control undesirable vegetation.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9256/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR MANAGING USER EQUIPMENT ACCESS IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W 36/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/050621
Filing Date	:29/05/2009
(87) International Publication No	:WO 2010/138037
(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)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

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Sweden

(72)Name of Inventor :

1)MILDH, GUNNAR

(57) Abstract :

Methods and arrangements in a node in a wireless communication system for managing user equipment access to the target node. The wireless communication system comprises the target node, a source node, a core network node and a user equipment. The user equipment is configured for wireless communication over a bearer with the source node and for performing a handover from the source node to the target node. The method comprises receiving a bearer request associated with the user equipment, obtaining a time information parameter associated with the queuing time of the bearer request in at least the source node, checking if communication resources are available for establishing a bearer with the user equipment. If communication resources are not available, the bearer request is placed in a priority queue, based on the received time information parameter.

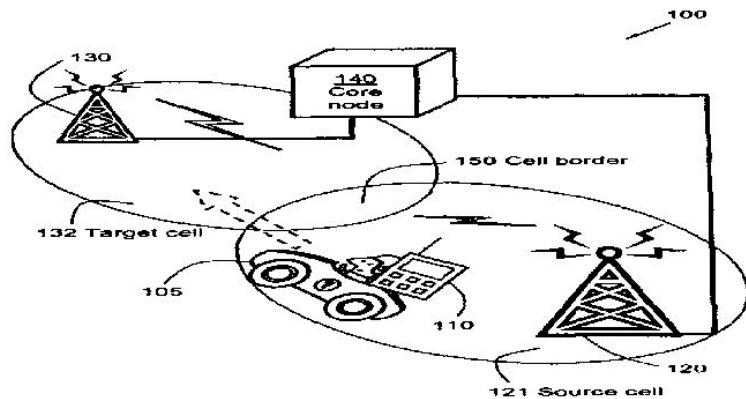


Fig. 1

No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9260/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMPROVED CARBON CAPTURE IN FERMENTATION

(51) International classification	:C12P 7/06
(31) Priority Document No	:61/173,968
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/NZ2010/000082
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/126382
(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)OAKLEY, SIMON, DAVID

(57) Abstract :

The present invention relates to improvement in efficiency in gasification for use with syngas fermentation. In particular, the invention relates to increasing the overall carbon capture efficiency of a gasification/fermentation process to produce products such as alcohols

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9261/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : UNPACKING PACKED DATA IN MULTIPLE LANES

(51) International classification :G06F 9/30
(31) Priority Document No :12/494,667
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040395
 Filing Date :29/06/2010
(87) International Publication No :WO 2011/002773
(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)HARGIL, ASAFAF
2)ORENSTEIN, DORON

(57) Abstract :

Receiving an instruction indicating first and second operands. Each of the operands having packed data elements that correspond in respective positions. A first subset of the data elements of the first operand and a first subset of the data elements of the second operand each corresponding to a first lane. A second subset of the data elements of the first operand and a second subset of the data elements of the second operand each corresponding to a second lane. Storing result, in response to instruction, including: (1) in first lane, only lowest order data elements from first subset of first operand interleaved with corresponding lowest order data elements from first subset of second operand; and (2) in second lane, only highest order data elements from second subset of first operand interleaved with corresponding highest order data elements from second subset of second operand.

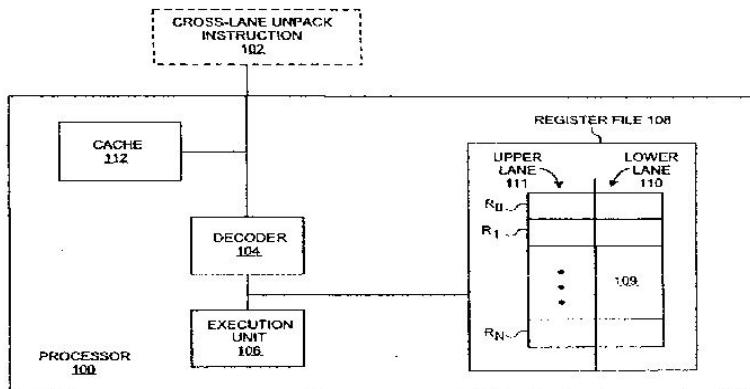


FIG. 1

No. of Pages : 40 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9228/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 1, 3-DISUBSTITUTED IMIDAZOLIDIN-2-ONE DERIVATIVES AS INHIBITORS OF CYP 17

(51) International classification	:C07D 403/04
(31) Priority Document No	:1500/CHE/2009
(32) Priority Date	:26/06/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/EP2010/059029
Filing Date	:24/06/2010
(87) International Publication No	:WO 2010/149755
(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)BOCK MARK G.

2)GAUL CHRISTOPH

3)GUMMADI VENKATESHWAR RAO

4)SENGUPTA SAUMITRA

(57) Abstract :

The present invention provides compounds of Formula (I) and (II), or a pharmaceutically acceptable salts thereof, where R53, R54, p, q and n are as defined herein. The compounds of the present invention have been found to be useful as 17 α -hydroxylase/C17-20-lyase inhibitors.

No. of Pages : 253 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9270/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COOLING APPARATUS, COOLING METHOD, MANUFACTURING APPARATUS, AND MANUFACTURING METHOD OF HOTROLLED STEEL SHEET

(51) International classification	:B21B 45/02	(71) Name of Applicant : 1)SUMITOMO METAL INDUSTRIES, LTD. Address of Applicant :5-33, KITAHAMA 4-CHOME, CHUOKU OSAKA-SHI OSAKA 541-0041 JAPAN
(31) Priority Document No	:2009-156258	
(32) Priority Date	:30/06/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/060971	(72) Name of Inventor :
Filing Date	:28/06/2010	1)ETO, MANABU
(87) International Publication No	:WO 2011/001935	2)HARAGUCHI, YOICHI
(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 provides: a cooling apparatus of a hot-rolled steel sheet; a cooling method of a hot-rolled steel sheet; a manufacturing apparatus of a hot-rolled steel sheet; and a manufacturing method of a hot-rolled steel sheet, which are capable of manufacturing a hot-rolled steel sheet having ultra fine crystal grains and of enhancing efficiency in the use of cooling water. In the cooling apparatus of a hot-rolled steel sheet, when defining as V1, an average cooling rate on the surface of the steel sheet which exists within a position corresponding to the radius of a work roll in a final stand; defining as V2, an average cooling rate on the surface of the steel sheet which exists between the position corresponding to the radius of the work roll and an exit side of a housing post in the final stand; and defining as Vm, an average cooling rate on the surface of the steel sheet which exists between a cooling-start point and the exit side of the housing post, relations $V1 > V2$, and $Vm > 400^{\circ}\text{C} / \text{s}$ are satisfied. The cooling method uses the cooling apparatus. The manufacturing apparatus of a hot-rolled steel sheet comprises a final stand of a row of hot finish rolling mills and the cooling apparatus. And the manufacturing method of a hot-rolled steel sheet comprises a process to treat a steel sheet rolled in the final stand of the row of hot finish rolling mills by using the manufacturing apparatus.

No. of Pages : 77 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9272/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMPROVED SYNTHESIS OF PICOPLATIN`

(51) International classification	:A01N 55/02
(31) Priority Document No	:61/186,526
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038348
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/144827
(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)LEIGH, ALISTAIR J.

2)JOST, STEFFEN

(57) Abstract :

An improved method for the synthesis of the anticancer drug picoplatin is provided. Condensation of a tetrachloroplatinate salt (TCP), such as potassium tetrachloroplatinate, and 2-picoline, in a solvent, is catalyzed by the presence of oxygen, such as in air, and additionally catalyzed by the presence of a Pt+4 complex, such as potassium hexachloroplatinate. The oxygen can be introduced into the reaction mixture by sparging, optionally with high shear mixing and under an inert gas headspace. The product trichloropicolineplatinate salt (TCPP) is a key intermediate in the synthesis of picoplatin, to which it can be converted by reaction of the TCPP with ammonia.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9273/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PYRAZOLOPYRIMIDINES AND RELATED HETEROCYCLES AS KINASE INHIBITORS

(51) International classification	:A61K 31/535
(31) Priority Document No	:61/180,090
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035657
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/135581
(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)HADDACH, MUSTAPHA

2)TRAN, JOE, A.

(57) Abstract :

The invention provides compounds of general formula (I) that inhibit selected kinases (Pirn and/or CK.2 kinases) and compositions containing such compounds. These compounds and compositions are useful for treating proliferative disorders such as cancer, as well as other kinase-associated conditions including inflammation, pain, and certain infections and immunological disorders.

No. of Pages : 92 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9275/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COOLING SYSTEM, IN PARTICULAR OF A MOTOR VEHICLE

(51) International classification	:F01P 5/12
(31) Priority Document No	:10 2009 055 975.2
(32) Priority Date	:27/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/007223
Filing Date	:29/11/2010
(87) International Publication No	:WO 2011/063982
(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 :ST. POLTENER STR. 43, 89522
HEIDENHEIM GERMANY (DE)

(72)Name of Inventor :

1)BARTHELMAS, SANDRA

2)THONNIBEN, JOCHEN

3)KLEY, MARKUS

4)LAUKEMANN, DIETER

(57) Abstract :

The invention concerns a cooling system, in particular a motor vehicle cooling system comprising - a cooling circuit, in which a cooling medium is circulated by means of a cooling medium pump; wherein - the cooling medium pump or another work machine is driven by means of a drive machine via a hydrodynamic coupling, comprising a pump impeller driven by the drive machine and a turbine wheel driving the cooling medium pump, which together form a toroidal working chamber which can optionally be filled with working medium; wherein - the working medium is the cooling medium; - a compensating container, comprising a space filled with cooling medium and an air chamber above a cooling medium level in the space filled with cooling medium. The invention is characterised in that the working chamber of the hydrodynamic coupling is always connected to the air chamber or can optionally be connected to the latter via an air-conducting connection.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9262/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN ADVANCED TELEVISION SYSTEMS COMMITTEE (ATSC) DIGITAL TELEVISION (DTV) RECEIVER

(51) International classification	:H04N 7/015
(31) Priority Document No	:12/495,594
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/040680 :30/06/2010
(87) International Publication No	:WO 2011/002940
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)Name of Inventor :

1)TSUI, ERNEST

2)SIMANAPALLI, SIVA

3)SHAO, LEI

(57) Abstract :

A computer system may comprise a receiver to perform equalization. The receiver comprises an equalizer. The equalizer may determine locations of a principal tap, a platform noise tap, and a pre-cursor tap in a feedforward path of an equalizer. Also, the equalizer may determine locations of a post-cursor tap, a cross-term tap, and a portable tap in a feedback path of the equalizer. The receiver may align the portable tap in the feedback path with the principal tap in the feedforward path. The platform noise tap may cancel the effect of platform noise on a principal located at the principal tap, thus enabling the computer system to operate effectively in severe platform noise environment. Also, the computer system may operate in statics and portable environment in which platform noise and AGWN may be present.

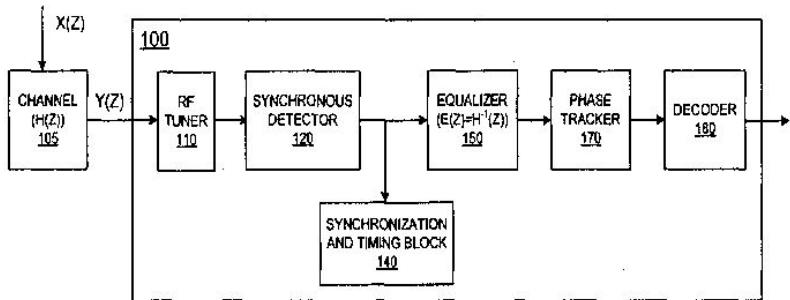


FIG. 1

No. of Pages : 31 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9263/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PROVIDING STATE STORAGE IN A PROCESSOR FOR SYSTEM MANAGEMENT MODE

(51) International classification	:G06F 13/10
(31) Priority Document No	:12/550,737
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/044089 :02/08/2010
(87) International Publication No	:WO 2011025626
(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)NATU, MAHESH, S.**
- 2)GANESAN, BASKARAN**
- 3)RANGARAJAN, THANUNATHAN**
- 4)KUMAR, MOHAN, J.**
- 5)DOSHI, GUATAM, B.**
- 6)PARTHASARATHY, RAJESH, S.**
- 7)DATTA, SHAMMANNA, M.**
- 8)BINNS, FRANK**
- 9)MURTHY, RAJESH NAGARAJA**
- 10)SWANSON, ROBERT, C.**

(57) Abstract :

In one embodiment, the present invention includes a processor that has an on-die storage such as a static random access memory to store an architectural state of one or more threads that are swapped out of architectural state storage of the processor on entry to a system management mode (SMM). In this way communication of this state information to a system management memory can be avoided, reducing latency associated with entry into SMM. Embodiments may also enable the processor to update a status of executing agents that are either in a long instruction flow or in a system management interrupt (SMI) blocked state, in order to provide an indication to agents inside the SMM. Other embodiments are described and claimed.

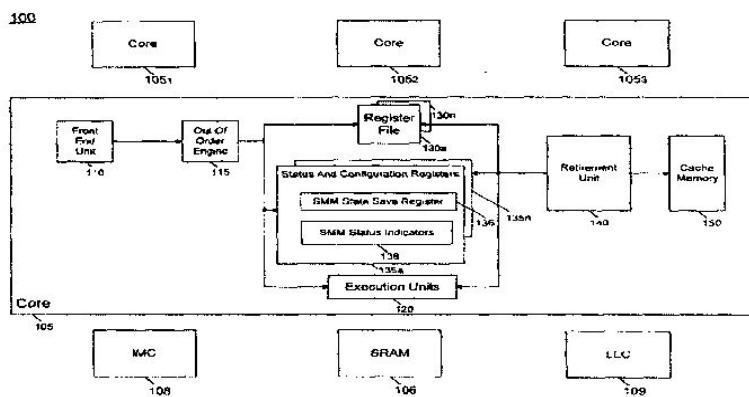


FIG. 1

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9264/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PROVIDING INTEGRITY VERIFICATION AND ATTESTATION IN A HIDDEN EXECUTION ENVIRONMENT

(51) International classification	:G06F 21/22
(31) Priority Document No	:12/639,616
(32) Priority Date	:16/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054312
Filing Date	:27/10/2010
(87) International Publication No	:WO 2011/084210
(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)SMITH, NED

2)SHANBHOGUE, VEDVYAS

3)KUMAR, ARVIND

4)GOEL, PURUSHOTTAM

(57) Abstract :

In one embodiment, a processor includes a microcode storage including processor instructions to create and execute a hidden resource manager (HRM) to execute in a hidden environment that is not visible to system software. The processor may further include an extend register to store security information including a measurement of at least one kernel code module of the hidden environment and a status of a verification of the at least one kernel code module. Other embodiments are described and claimed.

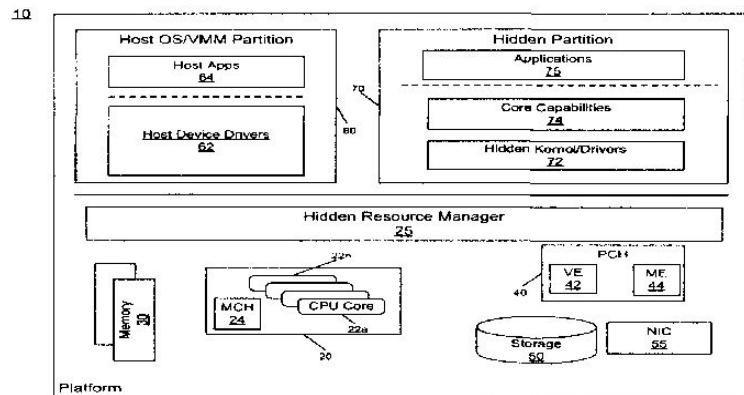


FIG. 1

No. of Pages : 33 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9267/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CANNABONOID-CONTAINING COMPOSITIONS AND METHODS FOR THEIR USE

(51) International classification	:A61K 47/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/042124
Filing Date	:29/04/2009
(87) International Publication No	:WO 2010/126501
(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)STINCHCOMB, AUDRA, LYNN
2)BANKS, STANLEY, LEE'**

(57) Abstract :

This invention relates to cannabinoid-containing compositions, particularly cannabinoid-containing gel formulations and methods for the treatment of traumatic injury, e.g., strains, sprains and contusions, and disease conditions, e.g., arthritis, particularly osteoarthritis. The methods involve topically applying a cannabinoid or a cannabinoid-containing composition to a subject's skin near, or distant from, the area of the injury or the area affected by the disease condition, e.g., an arthritic joint. The cannabinoid-containing composition is preferably a pharmaceutically acceptable gel containing a therapeutically effective amount of a cannabinoid sufficient to alleviate the symptoms associate with the injury or disease condition.

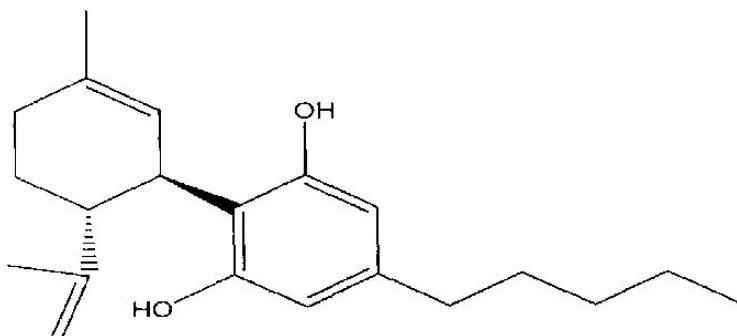


FIG. 1

No. of Pages : 65 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9268/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : RELIABLE EXECUTION USING COMPARE AND TRANSFER INSTRUCTION ON AN SMT MACHINE

(51) International classification	:G06F 9/38
(31) Priority Document No	:12/432,146
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032514
Filing Date	:27/04/2010
(87) International Publication No	:WO 126868
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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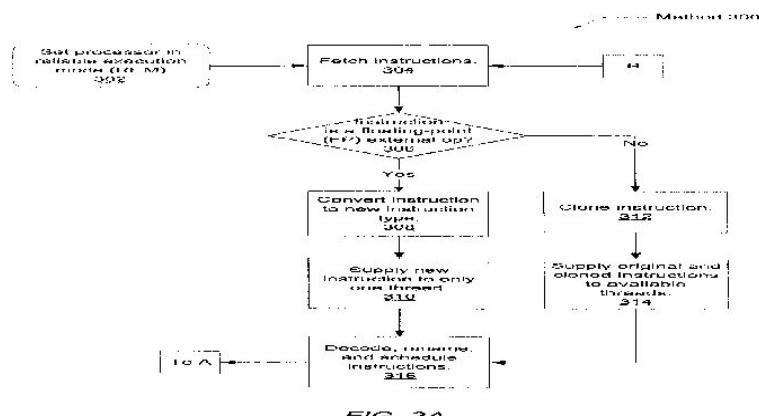
(72)Name of Inventor :

1)SUDHAKAR, RANGANATHAN

2)QUACH, NHON, T.

(57) Abstract :

A system and method for efficient reliable execution on a simultaneous multithreading machine. A processor is placed in a reliable execution mode (REM) to detect possible errors during execution of a mission critical software application. Only two threads may be configured to operate in this mode. Floating-point store and integer-transfer unary instructions may be converted to new binary instructions. Each new instruction has two source operands, each one corresponding to a different thread is specified by a same logical register number as a single source operand of the original unary instruction. All other instructions are replicated, wherein the original instruction and its twin are assigned to different threads. Simultaneous multi-threaded (SMT) floating-point logic may only be able to provide lockstep execution when it communicates using the new instruction with instantiated integer independent clusters. The new instruction cannot begin until both source operands are ready, which are subsequently compared to determine any mismatches or errors.



No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9231/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FORMULATIONS OF CANNABIDIOL AND METHODS OF USING THE SAME

(51) International classification	:A61K 31/352
(31) Priority Document No	:61/173,469
(32) Priority Date	:28/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032822
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/127033
(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)STINCHCOMB, AUDRA, LYNN

2)BANKS, STAN, LEE

(57) Abstract :

Described herein are pharmaceutical compositions comprising a cannabinoid, such as cannabidiol or a cannabidiol prodrug, which is metabolized to cannabidiol, and a penetration enhancer. Also described herein are methods of using the same. One embodiment described herein relates to the transdermal or topical administration of pharmaceutical compositions comprising a cannabinoid, such as cannabidiol or a cannabidiol prodrug, and a penetration enhancer to a person in need thereof.

No. of Pages : 94 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9232/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SAFETY RAZOR WITH PIVOT AND ROTATION

(51) International classification	:B26B 21/22
(31) Priority Document No	:61/186,408
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037858
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/144510
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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U.S.A.

(72)**Name of Inventor :**

1)ROYLE, TERENCE, GORDON

(57) Abstract :

A safety razor (10) including a handle (12) having a grip portion (14) and a connection portion (16) secured to the grip portion. The connection portion rotates with respect to the grip portion about a rotational axis (18). The blade unit (11) is mounted to the connection portion by a connection member (20). The blade unit has a guard (22), a cap (24) and at least one blade (26) positioned between the guard and the cap. The blade unit pivots with respect to the connection member about a pivot axis (36) substantially parallel to the at least one blade.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9233/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : POLYETHYLENE BASED RESIN, PRODUCING CATALYST FOR THE SAME, METHOD FOR PRODUCING THE SAME, HOLLOW PLASTIC MOLDED ARTICLE CONTAINING POLYETHYLENE BASED RESIN, AND USE OF THE SAME

(51) International classification	:C08F 10/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/JP2009/061784 :26/06/2009
(87) International Publication No	:WO 2010/150410
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**

1)KUZUBA, YUUICHI

2)MONOI, TAKASHI

3)MATSUMOTO, RITSUYA

4)OGAWA, KOUICHI

5)KANAZAWA, SATOSHI

6)HATTORI, TAKAAKI

(57) Abstract :

A polyethylene based resin exhibiting excellent moldability and durability and having an excellent balance between impact resistance and stiffness; and a hollow plastic molded article using the foregoing resin, which exhibits excellent moldability, durability and barrier properties and has an excellent balance between impact resistance and stiffness, are provided. The polyethylene based resin satisfies the following requirements (1) to (4): (1) a high-load melt flow rate (HLMFR) is from 1 to 100g/10 min; (2) a density is from 0.940 to 0.960 g/cm³; (3) a strain hardening parameter λ_{max} of elongational viscosity is from 1.05 to 1.50; and (4) a rupture time in a full notch tensile creep test and a density satisfy the following relational expression (A): $\log(\text{rupture time}) > -355 \times (\text{density}) + 337.6$ (A).

No. of Pages : 112 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9234/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : RECOMBINANT POXVIRUS EXPRESSING HOMOLOGOUS GENES INSERTED INTO THE POXVIRAL GENOME

(51) International classification	:C07K 14/18
(31) Priority Document No	:PA 2002 00752
(32) Priority Date	:16/05/2002
(33) Name of priority country	:Denmark
(86) International Application No Filing Date	:PCT/EP2003/005047 :14/05/2003
(87) International Publication No	:WO 03/097846
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:2955/DELNP/2004 :29/09/2004

(71)**Name of Applicant :**

1)BAVARIAN NORDIC A/S

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(72)**Name of Inventor :**

1)HOWLEY, PAUL

2)LEYRER, SONJA

(57) Abstract :

The present invention relates to a recombinant poxvirus vector capable of expressing two or more homologous, foreign sequences, which derive from different variants of a microorganism, and which have a homology of 50% or above. The invention further relates to a method for preparing such recombinant poxvirus and the use of such recombinant poxvirus as medicament or vaccine. Additionally, a method for affecting preferably inducing an immune response in a living animal, including a human, is provided.

No. of Pages : 63 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.9236/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NANOCARRIERS POSSESSING COMPONENTS WITH DIFFERENT RATES OF RELEASE

(51) International classification	:A61K 47/48
(31) Priority Document No	:61/217,117
(32) Priority Date	:27/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001559
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/138192
(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)SELECTA BIOSCIENCES, INC.

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(72)Name of Inventor :

1)LIPFORD, GRAYSON B.

2)ZEPP, CHARLES

3)GAO, YUN

4)KEEGAN, MARK J.

5)BALDWIN, SAM

6)FU, FEN-NI

7)JOHNSTON, LLOYD

(57) Abstract :

This invention relates to compositions, and related methods, of synthetic nanocarriers that comprise immunomodulatory agents and antigens that are differentially released from the synthetic nanocarriers.

No. of Pages : 80 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9281/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CELLULASE VARIANTS WITH IMPROVED EXPRESSION, ACTIVITY AND/OR STABILITY, AND USE THEREOF

(51) International classification	:C12N 9/42	(71)Name of Applicant :
(31) Priority Document No	:61/183,959	1)DANISCO US INC. Address of Applicant :925 PAGE MILL ROAD, PALO ALTO, CALIFORNIA 94304-1013, U.S.A.
(32) Priority Date	:03/06/2009	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)AEHLE WOLFGANG 2)BOTT RICHARD R. 3)BOWER BENJAMIN 4)CASPI JONATHAN 5)ESTELL DAVID A. 6)GOEDEGEBUUR, FRITS 7)HOMMES RONALDUS W.J. 8)KAPER THIJS 9)KELEMEN BRADLEY 10)KRALJ SLAVKO 11)NIKOLAEV IGOR 12)VAN LIESHOUT JOHAN 13)VAN STIGT THAN SANDER 14)WALLACE LOUISE 15)VOGTENTANZ GUDRUN 16)SANDGREN MATS
(86) International Application No	:PCT/US2010/037328	
Filing Date	:03/06/2010	
(87) International Publication No	:WO 2010/141779	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to cellulase variants. In particular the present disclosure relates to cellulase variants having improved expression, activity and/or stability. Also described are nucleic acids encoding the cellulase variants, compositions comprising the cellulase variants, and methods of use thereof.

No. of Pages : 243 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9251/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AQUEOUS POLYVINYLDENE FLUORIDE COMPOSITION

(51) International classification	:C07D
(31) Priority Document No	:61/182,364
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036279
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/138647
(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)RAMIN AMIN-SANAYEI

2)RAVI R. GUPTA

(57) Abstract :

The invention relates to an aqueous fluoropolymer, and preferably polyvinylidene fluoride (PVDF), composition for manufacturing electrodes for use in non-aqueous-type electrochemical devices, such as batteries and electric double layer capacitors. The composition contains aqueous PVDF binder, and one or more powdery electrode-forming materials. In one embodiment, the composition is free of fluorinated surfactant In another embodiment, one or more fugitive adhesion promoters are added. The electrode formed from the composition of the invention exhibits interconnectivity and irreversibility that is achieved from the use of aqueous PVDF binder.

No. of Pages : 33 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9253/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DESCALER FOR VARIABLE THICKNESS METAL

(51) International classification	:B21B 45/08
(31) Priority Document No	:0910499.3
(32) Priority Date	:18/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/054567
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/145860
(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)PETER CHRISTOFOROU

2)MICHAEL TEVOR CLARK

3)DAVID EASTWOOD

4)JOHN FRANEY

(57) Abstract :

Metal descaling apparatus comprising: first and second arrays of nozzles wherein each nozzle comprises a flat fan type nozzle, arranged to direct a jet of descaling fluid to the metal as it passes therebelow; the apparatus further comprising a datum at one edge of the apparatus, parallel to a direction of travel of the metal; means for passing the metal below the nozzles wherein the nozzles in each array are located at different distances from the datum; and, wherein the second array comprises a set of nozzles, each nozzle having a different

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9290/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ANTIMICROBIAL MATERIAL FOR WATER STERILIZATION COMPRISING A POLYAMIDE CARRIER AND ELEMENTAL SILVER NANOPARTICLES

(51) International classification	:A01N 59/16	(71) Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :HET OVERLOON 1, NL-6411 TE HEERLEN, THE NETHERLANDS
(31) Priority Document No	:09167095.0	
(32) Priority Date	:03/08/2009	
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor : 1)LOONT JENS, JACOBUS 2)VRINZEN, ALEXANDER PETER MARIE
(86) International Application No Filing Date	:PCT/EP2010/060056 :13/07/2010	
(87) International Publication No	:WO 2011/015429	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an antimicrobial material consisting of particles comprising an antimicrobial agent (A) and a carrier (B), wherein: the antimicrobial material is a granular material; at least 90% w/w of the particles have a particle size in the range of from 1.0 mm up to and including 8.0 mm measured according to the method DIN 66165-1 1-2; at least 90% w/w of the particles have an aspect ratio R, equal to or lower than 8; the antimicrobial agent (A) comprises elemental silver nanoparticles; the antimicrobial agent (A) is present in an amount in the range of from 0.001 % w/w up to and including 2% w/w on antimicrobial material; the carrier (B) is a polymer comprising a polyamide; the carrier (B) is present in an amount in the range of from 98% w/w up to and including 99.999% w/w on antimicrobial material. The invention further relates to an article comprising the granular antimicrobial material, a device comprising the granular antimicrobial material or the article. The invention also relates to a process for preparing the granular antimicrobial material and use of the granular antimicrobial material or an article or a device comprising the granular antimicrobial material in water treatment systems/appliances, water filters, swimming pools, whirlpools, water supply containers, water storage and for treatment of drinking water.

No. of Pages : 40 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9293/DELNP/2011 A

(43) Publication Date : 18/01/2013

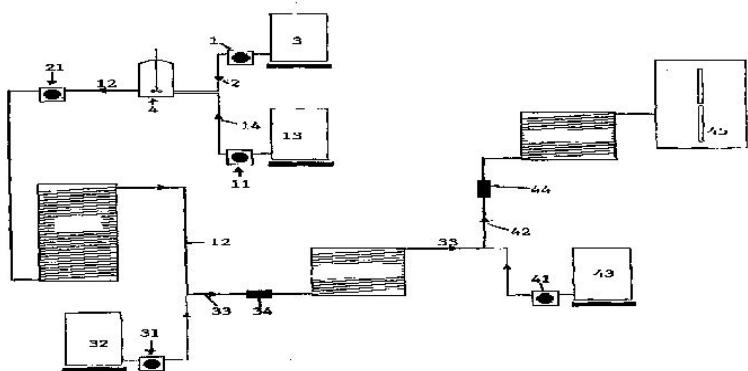
(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING AND/OR PURIFYING POLYNUCLEOTIDES AND PRODUCTS OBTAINABLE THEREOF

(51) International classification	:C12N 15/10	(71) Name of Applicant : 1)EUROGENTEC S.A. Address of Applicant :SCIENCE PARK, RUE BOIS SAINT JEAN 5, B-4102 SERAING, BELGIUM
(31) Priority Document No	:EP 09161169.9	
(32) Priority Date	:26/05/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2010/057276	(72) Name of Inventor :
Filing Date	:26/05/2010	1)LEDENT, PHILIPPE
(87) International Publication No	:WO 2010/136503	
(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 relates to an apparatus and a method for obtaining a (poly)nucleotide sequence of interest and comprising the steps of cultivating hosts cells to produce a nucleotide sequence of interest and harvesting these cells, introducing these cells in a passageway and disintegrating them in a continuous process, in this continuous process, performing in the passageway a precipitation of contaminants by a mixing of these disintegrated cells with a solution containing one or more salt(s) and obtaining a mixture and allowing a precipitate to separate from the solution of this mixture, preferably to float and/or to sediment from the solution of this mixture for 1-48 hours and pumping out a soluble material from this solution, while excluding recovering the precipitate . Figure 1

Figure 1



No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9277/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : STORAGE SYSTEM HAVING A PLURALITY OF FLASH PACKAGES

(51) International classification	:G06F 12/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/003437
Filing Date	:22/07/2009
(87) International Publication No	:WO 2011/010344
(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)HITACHI, LTD.

Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
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(72)Name of Inventor :

1)YAMAHOTO AKIRA

2)SUGIMOTO SADAHIRO

3)ARAKI AKIHIKO

4)YAMAMOTO MASAYUKI

(57) Abstract :

A storage system 100, which has a plurality of flash packages 230, has a function for minimizing the imbalance of the number of deletions of each block inside the flash package 230 and a block-unit capacity virtualization function, and efficiently manifests lessening of the imbalance of the number of deletions and reduction in the data storage capacity for the entire storage system 100 by having functions for calculating the number of deletions and the data occupancy of each flash package 230, and for transferring data between the flash packages 230 on the basis of the values of these number of deletions and data occupancy.

No. of Pages : 160 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9278/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : RECOVERY OF HEAT FROM WASTEWATER

(51) International classification	:F24D 17/00
(31) Priority Document No	:0902563
(32) Priority Date	:26/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/057165
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/136456
(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)COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES

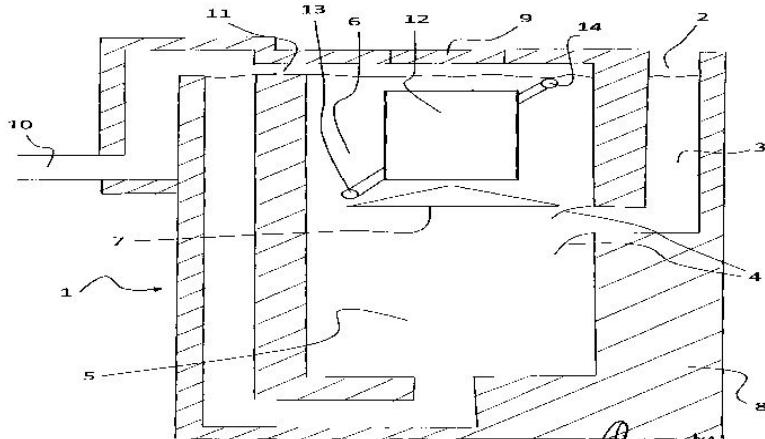
Address of Applicant :25 RUE LEBLANC BATIMENT LE PONANT D 75015 PARIS, FRANCE.

(72)Name of Inventor :

1)CLAUDON FABRICE

(57) Abstract :

Device for recovering heat originating from wastewater, characterized in that it comprises a tank (1) comprising at least two portions, a bottom portion (5) designed to store the cold wastewater and a top portion (6) designed to store the hot wastewater, the said portions being separated by stratification, and in that it comprises a heat exchanger (12) placed in the top portion (6). Figure for the abstract: 1



No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9279/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VORTEX COMBUSTOR FOR LOW NOX EMISSIONS WHEN BURNING LEAN PREMIXED HIGH HYDROGEN CONTENT FUEL

(51) International classification	:F23C 9/00	(71) Name of Applicant : 1)RAMGEN POWER SYSTEMS LLC Address of Applicant :11808-NORTHUP WAY, SUITE W-190, BELLEVUE, WA 98005, U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/US2009/042997	(72) Name of Inventor :
Filing Date	:06/05/2009	1)STEELE ROBERT C.
(87) International Publication No	:WO 2010/128964	2)EDMONDS RYAN G.
(61) Patent of Addition to Application Number	:NA	3)WILLIAMS JOSEPH T.
Filing Date	:NA	4)BALDWIN STEPHEN P.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A trapped vortex combustor. The trapped vortex combustor is configured for receiving a lean premixed gaseous fuel and oxidant stream at a velocity which significantly exceeds combustion flame speed in a selected lean premixed fuel and oxidant mixture, thus allowing use of high hydrogen content fuels. The combustor is configured to operate at relatively high bulk fluid velocities while maintaining stable combustion and low NOx emissions. The combustor is useful in gas turbines in a process of burning synfuels, as it offers the opportunity to avoid use of diluent gas to reduce combustion temperatures. The combustor also offers the possibility of avoiding the use of selected catalytic reaction units for removal of oxides of nitrogen from combustion gases exiting a gas turbine.

No. of Pages : 42 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9301/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITIONS FOR PULMONARY DELIVERY OF LONG-ACTING MUSCARINIC ANTAGONISTS AND LONG-ACTING B2 ADRENERGIC RECEPTOR AGONISTS AND ASSOCIATED METHODS AND SYSTEMS

(51) International classification	:A61K 9/12
(31) Priority Document No	:61/182,565
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/036659 :28/05/2010
(87) International Publication No	:WO 2010/138868
(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 :

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- 2)MICHAEL STEVEN HARTMAN**
- 3)ADRIAN EDWARD SMITH**
- 4)VIDYA B. JOSHI**
- 5)SARVAJNA KUMAR DWIVEDI**

(57) Abstract :

Compositions, methods and systems are provided for pulmonary delivery of long-acting muscarinic antagonists and long-acting 2 adrenergic receptor agonists via a metered dose inhaler. In particular embodiments, the compositions include a suspension medium, active agent particles, and suspending particles, in which the active agent particles and suspending particles form a co-suspension within the suspension medium.

No. of Pages : 139 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9302/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS AND APPARATUS FOR PERFORMING KNEE ARTHROPLASTY

(51) International classification	:A61F 2/38
(31) Priority Document No	:61/182,435
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036608
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138836
(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)BRIAN W. MC KINNON

3)DAVID A. DRUCKER

4)MICHAEL D. RIES

(57) Abstract :

Methods and apparatus for performing knee arthroplasty, including, but not limited to, bicuspid retaining knee arthroplasty, are described herein. Methods and apparatus for preparing a distal femur for a femoral implant as well as methods and apparatus for preparing a proximal tibia for a tibial implant are described. These methods and apparatus, in at least some embodiments and uses, facilitate decreasing the complexity of knee arthroplasty procedures such as bicuspid retaining procedures, while maintaining, if not improving on, the safety, accuracy and / or effectiveness of such procedures.

No. of Pages : 154 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9303/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FUEL DISPENSER USER INTERFACE

(51) International classification	:G07F 9/02
(31) Priority Document No	:61/185,451
(32) Priority Date	:09/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/058118
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/142748
(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)GIOVANNI CARAPELLI

(57) Abstract :

A user interface for a fuel dispenser comprising a display, a display controller, and control circuitry. The control circuitry comprises a processing device, memory, and at least one micro switch. The display controller and the control circuitry are positioned such that the micro switch connects the control circuitry to the display controller. The microswitch is activated if the control circuitry is separated from the display controller. Activation of the microswitch causes any sensitive information stored by the control circuitry to be erased. In one aspect, separation of the display controller from the control circuitry is the only manner by which the processing device and/or the memory may be accessed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9308/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CARBURIZED COMPONENT AND MANUFACTURING METHOD

(51) International classification	:C22C 38/00
(31) Priority Document No	:2009-127175
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058876
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/137607
(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)KOBAYASHI, YUJI

5)SUGIURA, HIDEAKI

(57) Abstract :

A carburized component has improved fatigue strength in a low to medium cycle region, wherein base steel is a steel having a chemical composition containing, by mass%, C: 0.15-0.25%, Si: 0.03-0.50%, Mn: more than 0.60% and not more than 1.5%, P<-800 MPa, $\sigma_{r(100)} < -800 \text{ MPa}$, and residual stress intensity index $I_r > 80000$. The residual stress intensity index I_r is calculated by $[I_r = \int |\sigma(y)| dy]$, where $y \mu\text{m}$ is the depth from the outermost surface and $\sigma(y)$ is the residual stress for the points from the outermost surface to a depth of 100 μm . Here, the integration interval, that is, the range of y is 0 to 100 (μm).

No. of Pages : 73 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9309/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS FOR DETECTING GENE DYSREGULATIONS

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/181,217
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035974
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/138460
(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)SANDERS, HEATHER R.
2)ALBITAR, MAHER
3)MELONI-EHRIG, AURELIA**

(57) Abstract :

Described herein are methods, compositions and kits directed to the detection of gene fusions and/or chromosomal abnormalities, e.g., translocations, insertions, inversions and deletions. Samples containing fusions or genetic abnormalities in a gene of interest may show independent expression patterns for the 5' and 3' regions of the gene. The methods, compositions and kits are useful for detecting mutations that cause the differential expression of a 5' portion of a target gene relative to the 3' region of the target gene.

No. of Pages : 60 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9310/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A TEMPERATURE CONTROL SYSTEM

(51) International classification	:B65D 81/38
(31) Priority Document No	:0909249.5
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001059
Filing Date	:29/05/2010
(87) International Publication No	:WO 2010/136771
(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)SOFTBOX SYSTEMS LIMITED

Address of Applicant :1 RIDGE WAY, LONG CRENDON,
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(72)Name of Inventor :

1)TATTAM, EDWIN, FRANCIS

(57) Abstract :

The present invention relates to a transport container which provides mechanical and thermal stability for a load and which container is fabricated as the container is loaded. In particular, the present invention relates to a temperature control system for a container which can be readily transported on aircraft, such as an aircraft container. In the field of logistics, that is the field of movement and supply of produce and materials, in particular in the transport of intermediate and finished products, containers have been developed which safely protect from physical damage a wide variety of product. Food and pharmaceutical products not only need protection from physical shock and pressures but also require temperature stability during transportation; otherwise goods can be damaged and be unusable, whether such damage is apparent or not. The present invention seeks to provide a temperature control system for a transport container which can maintain goods within a narrow temperature range, can displace a considerably reduced volume before erection, is economical to manufacture, can readily and easily be constructed. The present invention further seeks to provide a transport container which is compatible with standard Unit Load Device specifications.

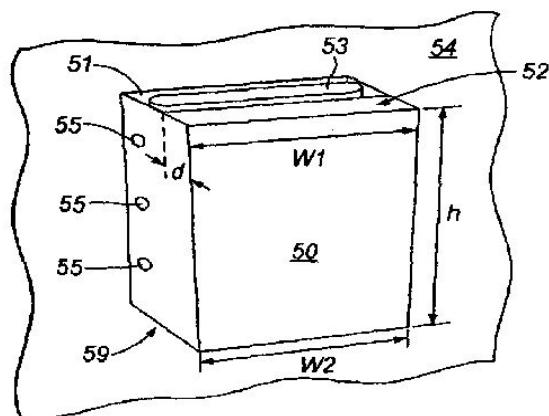


Fig.3a

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9311/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD OF ENHANCING THE CONDUCTIVE AND OPTICAL PROPERTIES OF DEPOSITED INDIUM TIN OXIDE (ITO) THIN FILMS

(51) International classification	:H01L 31/18
(31) Priority Document No	:12/457,006
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001418
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/138157
(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)BROADWAY, DAVID, M.

2)LU, YIWEI

(57) Abstract :

Certain example embodiments of this invention relate to a method of activating an indium tin oxide (ITO) thin film deposited, directly or indirectly, on a substrate. The ITO thin film is baked in a low oxygen environment at a temperature of at least 450 degrees C for at least 10 minutes so as to provide for (1) a post-baked resistivity of the ITO thin film that is below a resistivity of a corresponding air-baked ITO thin film, (2) a post-baked visible spectrum absorption and transmission of the ITO thin film that respectively are below and above the absorption and transmission of the corresponding air-baked ITO thin film, and (3) a post-baked infrared reflectivity of the ITO thin film that is above the reflectivity of the corresponding air-baked ITO thin film. The substrate with the activated ITO thin film may be used in a photovoltaic device, for example.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9312/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SIDEWALL PHOTODETECTOR

(51) International classification	:H01L 31/101
(31) Priority Document No	:12/495,665
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034755
Filing Date	:13/05/2010
(87) International Publication No	:WO 2011/008330
(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 :

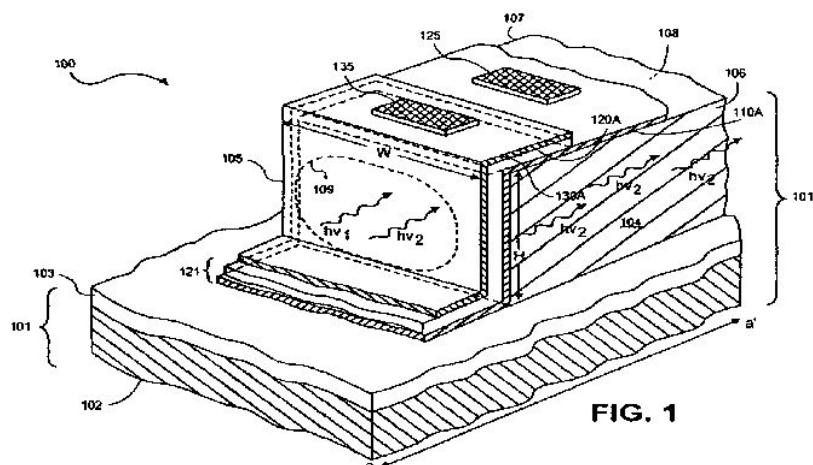
1)MORSE, MICHAEL T.

2)PANICCIA, MARIO, J.

3)DOSUNMU, OLUFEMI

(57) Abstract :

Sidewall photodetectors for integrated photonic devices and their method of manufacture. An embodiment includes a p-i-n film stack formed on a sidewall of a substrate semiconductor feature having sufficiently large area to accommodate the spot size of a multi-mode fiber. An embodiment includes a first sidewall photodetector coupled to a second sidewall photodetector by a waveguide, the first sidewall photodetector having an i-layer tuned to absorb a first wavelength of light incident to the first sidewall and pass a second wavelength of light to the second sidewall photodetector having an i-layer tuned to absorb the second wavelength.



No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9314/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMBINATION OF A TNF-ALPHA ANTAGONIST AND A VEGF ANTAGONIST FOR USE IN THE TREATMENT OR PREVENTION OF DISEASES OF THE EYE.

(51) International classification	:A61K 39/395
(31) Priority Document No	:61/181,887
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057246
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136492
(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)ADAMSON, PETER

2)ERTL, PETER, FRANZ

3)GERMASCHEWSKI, VOLKER

4)GOUGH, GERALD, WAYNE

5)STEWARD, MICHAEL

(57) Abstract :

The invention relates to combinations of TNF α antagonists with VEGF antagonists for use in treating diseases of the eye, and provides antigen-binding proteins which bind to TNF α or a TNF α receptor and/or VEGF or a VEGF receptor.

No. of Pages : 273 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9316/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AVATAR INTEGRATED SHARED MEDIA SELECTION

(51) International classification	:G06Q 50/00
(31) Priority Document No	:61/217,268
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036539
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138798
(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)MATTINGLY, ANDREW LAWRENCE

2)KRAMP, BRIAN CHARLES

3)SOEMO, THOMAS M.

4)MAYS, EDDIE

(57) Abstract :

A method and system are disclosed in which a group of people are able to replicate the physical world experience of going with a group of friends to pick a movie, watch the movie together, and provide commentary on the movie itself in the virtual world on a virtual couch while each user is sitting in different physical locations. Additionally, the virtual representation of the destination that the group of people are watching the movie together in can be themed to allow users to watch movies in different locations pivoting on special events or by the users choice.

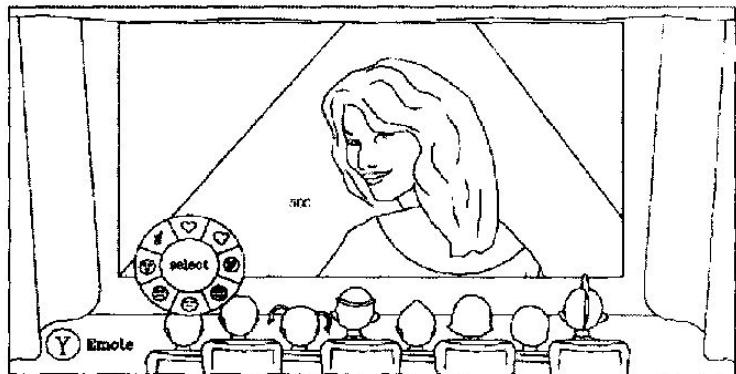


FIG. 5F

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9317/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SWARM-BASED SYNCHRONIZATION OVER A NETWORK OF OBJECT STORES

(51) International classification	:G06F 15/16
(31) Priority Document No	:12/474,716
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036323
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/138668
(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)SAPEK, ADAM

(57) Abstract :

An object set may be redundantly stored by a set of computers, each configured to store a local representation of corresponding objects. When a computer changes the object set (e.g., by adding or altering an object), the updated object may be synchronized across the computers by iteratively forming and using an ad hoc swarm network from the neighbors of a node storing the updated object. This swarm network may operate cooperatively, where each node distributes object chunks to other nodes as quickly as possible, and may disregard concepts of competitive swarm networks such as fairness and cheating avoidance, which may not apply to cooperative swarming and might otherwise slow the propagation of the object. An alternative ask technique may be included to identify and recover missed object updates, and a computing environment host may be included as an authoritative object source and/or as an object store of last resort.

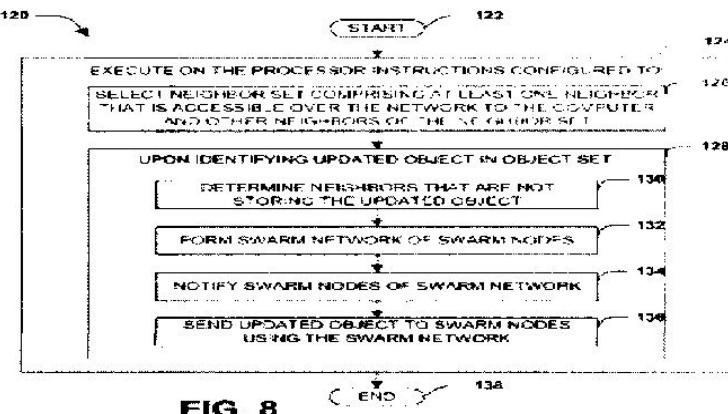


FIG. 8

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9282/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CLAVULANATE FORMULATION FOR NEUROPROTECTION AND TREATMENT OF NEURODEGENERATIVE DISORDERS

(51) International classification	:A61K 9/00
(31) Priority Document No	:61/173,841
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/032983 :29/04/2010
(87) International Publication No	:WO 2010/127125
(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)HUH YOUNG BUEHM**
- 2)KIM DEOG JOONG**
- 3)LEE YOUNG BOK**
- 4)AHN CHANG HO**
- 5)SCHOLTZ EDWARD CARL**

(57) Abstract :

The present invention generally relates to use of a stable solid pharmaceutical compositions that includes a clavulanate as the pharmaceutically active ingredients in an immediate-release or an extended-release solid dosage form. The composition can be used in a method of treating a neurodegenerative disease, providing neuroprotection, or preventing neuronal cell loss or death. Exemplary neurodegenerative diseases include Parkinson's disease, Alzheimer's disease and multiple sclerosis.

No. of Pages : 50 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9284/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MODULATING PRODUCTION OF PNEUMOCOCCAL CAPSULAR POLYSACCHARIDE

(51) International classification	:C12N 1/00
(31) Priority Document No	:60/189,847
(32) Priority Date	:16/03/2000
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2001/08442
Filing Date	:16/03/2001
(87) International Publication No	:WO 2001/68903
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1835/DELNP/2007
Filed on	:08/03/2007

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BOULEVARD, PHILADELPHIA, PA 19104-4318 U.S.A.

(72)Name of Inventor :

1)WEISER JEFFREY N.

(57) Abstract :

The invention relates to methods of modulating capsular polysaccharide production in pneumococci such as Streptococcus pneumoniae. The invention further relates to methods of alleviating pneumococcal infections in animals, and to methods of identifying both agents capable of modulating pneumococcal infections in animals. Figure (1) comprising figures 1Ai-1Avi and 1Bi-1Bvi is a series of images indicating the effect of environmental oxygen and carbon dioxide concentration on colony morphology and capsule size, as assessed using the Quellung reaction.

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9286/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUS FOR RAPIDLY VERIFYING TOLERANCES OF PRECISION COMPONENTS

(51) International classification	:G01H 1/00
(31) Priority Document No	:61/214,711
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032508
Filing Date	:27/04/2009
(87) International Publication No	:WO 2010/126865
(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)GERRY DAMIKOLAS

(57) Abstract :

An automated inspection system for inspecting, sorting and re-coining each of the locking bar, the rack, and the pin of a rekeyable lock cylinder, as well as other small close-tolerance components in an average cycle time of 1.5 seconds. The inspection system includes a high-speed pneumatic sorting matrix which reorients the components into various camera inspection stations, mechanical gauge stations, and/or coining stations, for combined gauge and visual tolerance checking and sorting. Defects are identified by a combination of visual and machine-gauge inspection, and the sorted components are sorted into three bins: rejects; good parts; and parts for coining. The inspection/sorting system is capable of tolerance-checking down to .00011811, with a repeatability of .00005906.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.9287/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PANEL POSITIONING APPARATUS AND PANEL INTEGRATION METHOD

(51) International classification	:B21D 43/00
(31) Priority Document No	:2009-126908
(32) Priority Date	:26/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058921
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/137622
(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)NOBUHIRO KOZASA

3)SHUNSUKE ISHII

4)HITOSHI YOSHIMICHI

5)KOKI SANADA

(57) Abstract :

A panel positioning apparatus is provided with an outer panel supporting device 20 adapted to support the outer panel 11 from a lower side of the outer panel 11 and an inner panel supporting device 30 adapted to support the inner panel 12 from an upper side of the inner panel 12. The outer panel supporting device 20 has a lower-surface contact section 23 adapted to abut against a lower surface of the outer panel 11. The inner panel supporting device 30 has an upper-surface contact section 344 adapted to expose below the inner panel 12 and to abut against an upper surface of a part of the outer panel 12 against which the lower-surface contact section 23 abuts. The outer panel 11 and the inner panel 12 are overlaid with each other, and a bending part 112A of the outer panel 11 is bent by pinching the outer panel 11 by the lower-surface contact section 23 and the upper-surface contact section 344.

No. of Pages : 27 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9323/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NON-AQUEOUS AGRICULTURAL COMPOSITIONS

(51) International classification	:A01N 25/08
(31) Priority Document No	:09007926.0
(32) Priority Date	:17/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/003454
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/145772
(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)MERLET, STEPHANE
2)ABRIBAT, BENOIT

(57) Abstract :

Suggested are new non-aqueous agricultural compositions, comprising (a) biocides and (b) alkoxylation products of unsaturated fatty alcohols.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9324/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PARENTERAL COMPOSITION COMPRISING A FLUROQUINOLONE COMPOUND AND A NITROIMIDAZOLE COMPOUND

(51) International classification	:A61K 31/4164	(71) Name of Applicant : 1)RANBAXY LABORATORIES LIMITED Address of Applicant :12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI-110019, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/IB2010/052037	(72) Name of Inventor : 1)BHASKAR CHAUHAN 2)JYOTI SRIVASTAVA 3)VINOD KUMAR ARORA
Filing Date	:08/05/2010	
(87) International Publication No	:WO 2010/146478	
(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 relates to novel parenteral compositions comprising at least one fluoroquinolone compound and at least one nitroimidazole compound. It further relates to processes for preparing such compositions. It also relates to method of treating acute condition of mixed infections using compositions of the present invention.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9325/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 1H-IMIDAZO[4,5-C]QUINOLINONE DERIVATIVES

(51) International classification	:C07D 471/04
(31) Priority Document No	:61/184,141
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057719
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/139731
(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

3)KALTHOFF FRANK STEPHAN

4)MAH ROBERT

5)RAGOT CHRISTIAN

6)STAUFFER FREDERIC

(57) Abstract :

The invention relates to the use of 1H-imidazo[4,5-c]quinolinone derivatives and salts thereof in the treatment of protein and/or lipid kinase dependent diseases and for the manufacture of pharmaceutical preparations for the treatment of said diseases; 1H-imidazo[4,5-c] quinolinone derivatives for use in the treatment of protein and/or lipid kinase dependent diseases; a method of treatment against said diseases, comprising administering the 1H- imidazo[4,5-c] quinofinone derivatives to a warm-blooded animal, especially a human; pharmaceutical preparations comprising an 1H-imidazo[4,5-c] quinolinone derivative, especially for the treatment of a protein and/or lipid kinase dependent disease; novel 1 H- imidazo[4,5-c] quinolinone derivatives; and a process for the preparation of the novel 1H-imidazo[4,5-c] quinolinone derivatives.

No. of Pages : 472 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9326/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BICYCLIC AND TRICYCLIC COMPOUNDS AS KAT II INHIBITORS

(51) International classification	:C07D 215/60
(31) Priority Document No	:61/218,149
(32) Priority Date	:18/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052349
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/146488
(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)GAN XINMIN
4)HAYWARD MATTHEW MERRILL
5)RONG SUOBAO
6)TUTTLE JAMISON BRYCE
7)VERHOEST PATRICK ROBERT**

(57) Abstract :

Compounds of Formula X: wherein A, X, Y, Z, R5, R6a, and R6b are as defined herein, and pharmaceutically acceptable salts thereof, are described as useful for the treatment of cognitive deficits associated with schizophrenia and other neurodegenerative and/or neurological disorders in mammals, including humans.

No. of Pages : 145 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9327/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CONNECTION-ERROR DETECTION APPARATUS

(51) International classification	:H02H 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/061950
Filing Date	:30/06/2009
(87) International Publication No	:WO 2011/001509
(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 :23-17, TAKANAWA 3-CHOME,
MINATO-KU, TOKYO 108-8580, JAPAN

(72)Name of Inventor :

1)HORINO HIROFUMI

2)KOBAYASHI TAKEHIRO

(57) Abstract :

Voltages of respective phase lines (L1, L2, L3) of an alternating-current power supply (1) of three-phase four-line type are rectified by a full-wave rectification circuit (11), and whether an output voltage (11) of the full-wave rectification circuit is above a predetermined value or not is determined. If a determination result thereof continuously indicates being above the predetermined value for a constant time, connection to the alternating-current power supply (1) of three-phase four-line type is determined to be not an error. If the determination results does not continuously indicates being above the predetermined value for the constant time, the connection to the alternating-current power supply (1) of three-phase four-line type is determined to be an error.

No. of Pages : 46 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9328/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DRIVE ASSEMBLY FOR A PASSENGER CONVEYOR

(51) International classification	:B66B 23/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/047183
Filing Date	:12/06/2009
(87) International Publication No	:WO 2010/144095
(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)SPIELMAN FRED R.

2)LINDEMEIER DETLEV

3)ENGELKE BERNWARD

4)MELLO ARY O.

5)WINKELHAKE DIRK

(57) Abstract :

An exemplary drive assembly for a passenger conveyor includes a belt including a plurality of cords at least partially encased in a jacket. A plurality of connecting blocks are secured to the belt longitudinally spaced apart from each other along the belt.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9329/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICE FOR CONTROLLING A MECHANICAL GEARBOX OF A VEHICLE BY CABLES USING A LEVER

(51) International classification	:F16H 59/04
(31) Priority Document No	:0953516
(32) Priority Date	:28/05/2009
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2010/050993 :21/05/2010
(87) International Publication No	:WO 2010/136708
(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)DURA AUTOMOTIVE SYSTEMS SAS

Address of Applicant :14 BUROSPACE - ROUTE DE GISY,
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(72)**Name of Inventor :**

1)PRADIER PHILIPPE

2)LECRINIER XAVIER

3)MATRAGLIA FRANCOIS

(57) Abstract :

The device has, at the level of the lever and gearbox, members (5) - (7) and (6) - (8) capable of being rotated as a result of displacement of lever (L) in order to exert a pull on the strands of flexible cables (1) - (2) and (3) - (4) attached to said members, regardless of the direction of angular displacement of lever (L) corresponding to gear shifting or gear selection, at the level of lever (L), one of the members (5) being directly secured to said lever (L) to constitute the shifting member, while the other member (6) is controlled by lever (L) via a return element and constitutes the selection member.

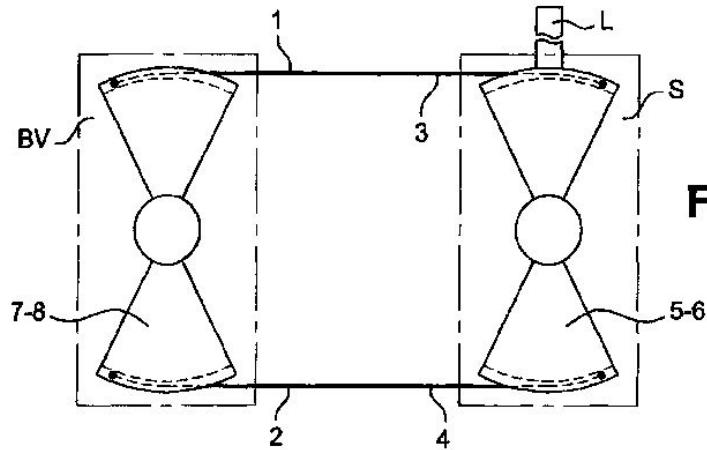


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9294/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR APPLYING A HIGH-TEMPERATURE LUBRICANT

(51) International classification	:C10M 103/06
(31) Priority Document No	:10 2009 022 982.5
(32) Priority Date	:28/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001061
Filing Date	:19/02/2010
(87) International Publication No	:WO 2010/136088
(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)OERLIKON TRADING AG, TRUBBACH
Address of Applicant :HAUPTSTRASSE, CH-9477
TRUBBACH, SWITZERLAND

(72)**Name of Inventor :**

1)ARNO MOOSBRUGGER
2)JORG KERSCHBAUMER
3)THEO BACHMANN
4)MARIO WOLFGANG WALCH

(57) Abstract :

The present invention relates to a method for applying hexagonal boron nitride to a rough surface, wherein it is intended for the boron nitride to be provided as a temperature-resistant lubricant of the surface. According to the invention, a pin composed of hexagonal boron nitride is rubbed with pressure over the rough surface, such that abraded boron nitride adheres to the surface.

No. of Pages : 7 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9296/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITIONS, METHODS & SYSTEMS FOR RESPIRATORY DELIVERY OF TWO OR MORE ACTIVE AGENTS

(51) International classification

:A61K 9/12

(31) Priority Document No

:61/182,565

(32) Priority Date

:29/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/036676

Filing Date

:28/05/2010

(87) International Publication No

:WO 2010/138884

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)**Name of Applicant :**

1)PEARL THERAPEUTICS, INC.

Address of Applicant :200 SAGINAW DRIVE, REDWOOD CITY, CALIFORNIA 94063, U.S.A.

(72)**Name of Inventor :**

1)REINHARD VEHRING

2)MICHAEL STEVEN HARTMAN

3)ADRIAN EDWARD SMITH

4)VIDYA B. JOSHI

5)SARVAJNA KUMAR DWIVEDI

6)DAVID LECHUGA-BALLESTEROS

(57) Abstract :

Compositions, methods and systems are provided for pulmonary or nasal delivery of two or more active agents via a metered dose inhaler. In one embodiment, the compositions include a suspension medium, active agent particles, and suspending particles, in which the active agent particles and suspending particles form a co-suspension within the suspension, medium.

No. of Pages : 135 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9297/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : THE USE OF METABOTROPIC GLUTAMATE RECEPTOR POTENTIATORS FOR REDUCING NICOTINE DEPENDENCE

(51) International classification	:A01N 43/40	(71) Name of Applicant :
(31) Priority Document No	:61/218,478	1)ASTRAZENECA PHARMACEUTICALS
(32) Priority Date	:19/06/2009	Address of Applicant :INTELLECTUAL PROPERTY, R&D, OW2-241, 1800 CONCORD PIKE, WILMINGTON, DE 19850, U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/038802	(72) Name of Inventor :
Filing Date	:16/06/2010	1)JOSEPH FREY
(87) International Publication No	:WO 2010/148074	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods of using potentiators of glutamate receptors for reducing nicotine usage, reducing the urge to smoke or chew tobacco or inducing the cessation of smoking are described.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9299/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITIONS FOR RESPIRATORY DELIVERY OF ACTIVE AGENTS AND ASSOCIATED METHODS AND SYSTEMS

(51) International classification	:A61K 9/12	(71) Name of Applicant :
(31) Priority Document No	:61/182,565	1)PEARL THERAPEUTICS, INC.
(32) Priority Date	:29/05/2009	Address of Applicant :200 SAGINAW DRIVE, REDWOOD CITY, CA 94063, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/036650	1)REINHARD VEHRING
Filing Date	:28/05/2010	2)MICHAEL STEVEN HARTMAN
(87) International Publication No	:WO 2010/138862	3)ADRIAN EDWARD SMITH
(61) Patent of Addition to Application Number	:NA	4)VIDYA B. JOSHI
Filing Date	:NA	5)SARVAJNA KUMAR DWIVEDI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A co-suspension deliverable from a metered dose inhaler, the stable co-suspension comprising: a suspension medium comprising a pharmaceutically acceptable propellant; a plurality of active agent particles; and a plurality of respirable suspending particles, wherein the plurality of active agent particles associate with the plurality of suspending particles despite buoyancy differences between the active agent particles and the suspending particles within the suspension medium.

No. of Pages : 142 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9335/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING THE INCOMING DIRECTION OF AN ELECTROMAGNETIC WAVE HAVING ANY POLARISATION

(51) International classification	:G01S 3/46	(71) Name of Applicant :
(31) Priority Document No	:0902524	1)TALES
(32) Priority Date	:26/05/2009	Address of Applicant :45, RUE DE VILLIERS, 92200 NEUILLY-SUR-SEINE, FRANCE
(33) Name of priority country	:France	
(86) International Application No	:PCT/EP2010/057070	(72) Name of Inventor :
Filing Date	:21/05/2010	1)JEAN - CHRISTOPHE MESNAGE
(87) International Publication No	:WO 2010/136409	2)JEAN-LUC ROGIER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method for determining the direction of arrival of an incident electromagnetic wave of bearing θ_0 , of elevation h_0 , of frequency F_0 and of arbitrary polarization P_0 , comprising at least the following steps: o designing a single antenna array on the basis of a set of radiating elements whose vector responses to two signals of distinct polarizations $POL1$ and $POL2$ are not collinear, o determining a first calibration table for said antenna array containing the vector responses $a1(F_i, X_j)$ and $a2(F_u, X_j)$ o interpolating at said frequency F_0 the vector responses $a1(F_0, X_j)$ and $a2(F_0, X_j)$ of the array for each value X_j of said interval $[X_1, X_2]$. o orthonormalizing said vector responses $a1(F_0, X_j)$ and $a2(F_0, X_j)$ so as to produce the orthonormalized vector responses of the array $b1(F_0, X_j)$ and $b2(F_0, X_j)$, o acquiring on said antenna array the signal received arising from said electromagnetic wave of bearing θ_0 or of elevation h_0 and of frequency F_0 and applying to said signal a goniometry procedure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9340/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS FOR TREATING OR PREVENTING OPHTHALMOLOGICAL DISEASES

(51) International classification	:A61K 31/7088
(31) Priority Document No	:61/174,746
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032816
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/127029
(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)OPHTHOTECH CORPORATION

Address of Applicant :ONE PENN PLAZA, 35TH FLOOR,
NEW YORK, NY 10119, U.S.A.

(72)Name of Inventor :

1)PATEL, SAMIR

2)MASONSON, HARVEY

(57) Abstract :

This invention relates to methods and compositions useful for the treatment or prevention of an ophthalmological disease, comprising administration of an effective amount of a PDGF antagonist and a VEGF antagonist to a mammal in need thereof.

No. of Pages : 251 No. of Claims : 135

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9347/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INTEGREATED MERCURY CONTROL SYSTEM

(51) International classification	:B01D 53/34
(31) Priority Document No	:12/437939
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025827
Filing Date	:02/03/2010
(87) International Publication No	:WO 2010/129084
(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, 5400
BADEN, SWITZERLAND

(72)**Name of Inventor :**

1)MATTESON DAVID J

2)TOBIASZ REBECCA LYNN

3)KOZLAK MARTIN J.

4)SUTTON JAMES P.

(57) Abstract :

An integrated system [1000] is described for reducing operating costs of power plants while keeping gaseous pollutants in exhaust flue gasses, such as Mercury (Hg), below acceptable limits. Controller [1800] monitors and controls operation of a scrubber [1300], activator injection system [1400], sorbent injection system [1500] and a filter [1600]. Scrubber [1300] provides a neutralizer to remove SO₂ emissions. Activator injection system [1400] provides and activator that increases affinity of the pollutant gasses for a sorbent. Sorbent injection system [1500] employs novel low friction injection lances [1590] that evenly distribute the sorbent particles. A filter [1600] collects the sorbent particles that cake onto filter bags [1620] that are periodically cleaned. A controller [1800] receives the costs of materials consumed and the filter bag life for the plant and performs an optimization of the multiple variables to minimize costs while keeping the pollutant emissions below a prescribed limit.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9348/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HEAT TRANSFER SHEET FOR ROTARY REGENERATIVE HEAT EXCHANGER

(51) International classification	:F28D 19/04
(31) Priority Document No	:12/437914
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027076
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/129092
(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)BIRMINGHAM JAMES WILLIAM

2)MATTISON GLENN DANIEL

3)O'BOYLE KEVIN JAMES

4)SEEBALD JAMES DAVID

(57) Abstract :

A heat transfer sheet [60,160,260,360] for a rotary regenerative heat exchanger is shaped to include sheet spacing features [59], which provide spacing between adjacent heat transfer sheets [60,160,260,360], and undulation surfaces [68,70] (corrugations) in the sections between the sheet spacing features [59]. The undulation sections [68,70] are constructed of regularly spaced lobes [64,72] extending at an angle with respect to the spacing features [59]. The undulating sections [68,70] impart turbulence in the air or flue gas flowing between the heat transfer sheets [60, 160, 260, 360] to improve heat transfer. The heat transfer sheets [60,160,260,360] may include undulating surfaces that differ in angle of their lobes [64,72].

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9350/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INFLATION KIT

(51) International classification	:A63H 27/10
(31) Priority Document No	:U200930170
(32) Priority Date	:09/06/2009
(33) Name of priority country	:
(86) International Application No	:PCT/MX2010/000053
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/143931
(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)CIGARSOLO, S.A. DE CV

Address of Applicant :CIRCUNVALACION ORIENTE NO.
344 CIUDAD GRANJA, CP. 45010 ZAPOPAN JALISCO (MX)
Mexico

(72)Name of Inventor :

1)MEDINA ANGUIANO, LUIS

(57) Abstract :

Inflation kit, especially for inflating balloons, balls and the like, characterized in that it comprises: two opposing hollow interlocking bodies, one having at least one inlet for air coming from the outside and the other body having at least one outlet for air coming from the internal cavity defined by the two bodies; an extractable bellows inside the internal cavity defined by the two bodies, through which air can flow from the air inlet to the air outlet; a valve that can be coupled to the air outlet of one of the bodies; and lastly a deflated inflatable element housed inside the cavity defined by the two bodies.

No. of Pages : 10 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9353/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A NON-TARGET AMPLIFICATION METHOD FOR DETECTION OF RNA SPLICE-FORMS IN A SAMPLE

(51) International classification	:C12Q 1/68	(71) Name of Applicant :
(31) Priority Document No	:61/174,946	1)QIAGEN GAITHERSBURG, INC.
(32) Priority Date	:01/05/2009	Address of Applicant :1201 CLOPPER ROAD, GAITHERSBURG, MD 20878, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033145	1)BRIAN LOWE
Filing Date	:30/04/2010	2)ANNA FULBRIGHT
(87) International Publication No	:WO 2010/127228	3)IRINA NAZARENKO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are methods of isolating RNA from a biological sample, methods and means for determining the presence of particular RNA splice-form variants in a biological sample, methods and menus for determining the relative ratio of RNA ratios in a biological sample, and methods and means for predicting the progression of precancerous cervical lesions.

No. of Pages : 40 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9354/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS AND APPARATUS FOR PERFORMING KNEE ARTHROPLASTY

(51) International classification	:A61F 2/38
(31) Priority Document No	:61/182,435
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036632
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138850
(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)SMITH & NEPHEW, INC.

Address of Applicant :1450 EAST BROOKS ROAD,
MEMPHIS, TN 38116, U.S.A.

(72)**Name of Inventor :**

1)BRIAN W. MC KINNON

2)ZACHARY CHRISTOPHER WILKINSON

3)MARK ELLSWORTH NADZADI

(57) Abstract :

Methods and apparatus for performing knee arthroplasty, including, but not limited to, bicuspid retaining knee arthroplasty, are described herein. Methods and apparatus for preparing a distal femur for a femoral implant as well as methods and apparatus for preparing a proximal tibia for a tibial implant are described. These methods and apparatus, in at least some embodiments and uses, facilitate decreasing the complexity of knee arthroplasty procedures such as bicuspid retaining procedures, while maintaining, if not improving on, the safety, accuracy and / or effectiveness of such procedures.

No. of Pages : 154 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9319/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CHANNEL AND WATER STORAGE LINER

(51) International classification	:E02B 5/02
(31) Priority Document No	:2009901840
(32) Priority Date	:28/04/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000485
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/124327
(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)INFRASTRUCTURE TECHNOLOGIES LIMITED
Address of Applicant :12TH FLOOR, RUTTONJEE HOUSE,
11 DUDDELL STREET, CENTRAL, HONG KONG, CHINA

(72)Name of Inventor :

1)HANNA, RUSSELL

(57) Abstract :

The invention relates to a membrane comprising a geotextile and a water impermeable cured cementitious composition which is disposed on at least one side of the geotextile. The cured cementitious composition comprises a binder polymer, cement and at least two different fillers.

No. of Pages : 32 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9362/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 'FEEDBACK AND FEEDFORWARD CLOSED LOOP PURITY AND RECOVERY CONTROL

(51) International classification

:C07C 7/12

(31) Priority Document No

:61/182,466

(32) Priority Date

:29/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/033088

Filing Date

:30/04/2010

(87) International Publication No

:WO 2010/138271

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)EXXONMOBIL CHEMICAL PATENTS INC.

Address of Applicant :5200 BAYWAY DRIVE, BAYTOWN,
TX 77520-2101, U.S.A.

(72)Name of Inventor :

1)ROBERT ALAN SCHAEFER

2)ROBERT L. LONG

(57) Abstract :

There is provided a closed loop purity and recovery control system and process for operating a xylene purification system such as a Parex unit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9363/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PAREX UNIT FEED

(51) International classification	:B01D 15/02
(31) Priority Document No	:61/182,481
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033722
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/138284
(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)EXXONMOBIL CHEMICAL PATENTS INC.

Address of Applicant :5200 BAYWAY DRIVE, BAYTOWN,
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(72)Name of Inventor :

1)ANTHONY GO

2)DANA LYNN PILLIOD

3)JOHN ROGER PORTER

(57) Abstract :

A process for separating a product from a multicomponent feedstream to an adsorption apparatus or system. The apparatus or system may comprise a moving-bed or a simulated moving-bed adsorption means. The product comprises at least one organic compound, such as an aryl compound with alkyl substitutes. In embodiments the conduits used to supply the feedstream to the apparatus or system are flushed with media of multiple grades. In embodiments the process achieves improvements in one or more of efficiency of adsorption separation, capacity of adsorption apparatus systems, and purity of product attainable by adsorption process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9364/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A METHOD FOR RETROFITTING AN EXISTING ETHYLBENZENE OR CUMENE PLANT(S)

(51) International classification	:C07C 6/12
(31) Priority Document No	:60/666,974
(32) Priority Date	:31/03/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/006539
Filing Date	:24/02/2006
(87) International Publication No	:WO 2006/107452
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6751/DELNP/2007
Filed on	:31/08/2007

(71)Name of Applicant :

1)EXXONMOBIL CHEMICAL PATENTS INC.

Address of Applicant :5200 BAYWAY DRIVE, BAYTOWN, TEXAS 77520-5200, U.S.A.

2)BADGER LICENSING

(72)Name of Inventor :

1)MICHAEL CHRISTOPHER CLARK

2)CARLOS NEMESIO LOPEZ

3)CHUNG-MING CHI

4)VIJAY NANDA

5)BRIAN MAERZ

(57) Abstract :

A method for retrofitting an existing ethylbenzene or cumene plant(s) to produce ethylbenzene or cumene, said method comprising the step of replacing the existing transalkylation process with the process of any preceding claim, wherein said ethylbenzene or cumene plant(s) have heat integration between an alkylation reactor and a transalkylation reactor.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9365/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : OPTICAL COHERENCE TOMOGRAPHY FOR BIOLOGICAL IMAGING

(51) International classification	:G01N 21/17
(31) Priority Document No	:61/182,061
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036743
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138927
(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)AVINGER, INC.

Address of Applicant :400 CHESAPEAKE DRIVE,
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(72)**Name of Inventor :**

1)BLACK, JOHN, F.

2)SPENCER, MAEGAN K.

3)ZUNG, MICHAEL

4)MCNALL, CHARLES

5)LUMABAS, EVANGELINE

6)ROSENTHAL, MICHAEL, H.

7)SIMPSON, JOHN, B.

(57) Abstract :

Described herein are catheters for use with Optical Coherence Tomography (OCT) that include an optical fiber core having a first refractive index and an interface medium having a second refractive index, where the first and second refractive indexes are mismatched such that receiving electronics configured to receive optical radiation reflected from the reference interface and the target operate in a total noise range that is within 5 dB of the shot noise limit. These OCT catheters may include a silicon die mirror having a reflective coating that is embedded in the interface medium. The optical fiber can be fixed at just the distal end of the catheter, and may be managed within a handle that is attached to the proximal end of the catheter body, and is configured to allow rotation of the both catheter body and the optical fiber relative to the handle.

No. of Pages : 55 No. of Claims : 87

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9366/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR THE IDENTIFICATION OF COMPOUNDS IN MEDICAL FLUIDS USING ADMITTANCE SPECTROSCOPY

(51) International classification	:G01N 27/06
(31) Priority Document No	:61/185,148
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037817
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/144482
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)S.E.A. MEDICAL SYSTEMS, INC.

Address of Applicant :3350 SCOTT BOULEVARD,
BUILDING 33, SANTA CLARA, CA 95054 (US). U.S.A.

(72)Name of Inventor :

1)MATSIEV, LEONID

2)WEICKERT, MICHAEL

3)BENNETT, JAMES

(57) Abstract :

Described herein are devices, systems, and methods for determining the composition of fluids, and particularly for describing the identity and concentration of one or more components of a medical fluid such as intravenous fluid. These devices, systems and methods take multiple complex admittance measurements from a fluid sample in order to identify the identity and the concentration of components of the fluid. The identity and concentration of all of the components of the solution may be simultaneously and rapidly determined. In some variations, additional measurement or sensing modalities may be used in addition to admittance spectroscopy, including optical, thermal, chemical, etc. Fig. 1

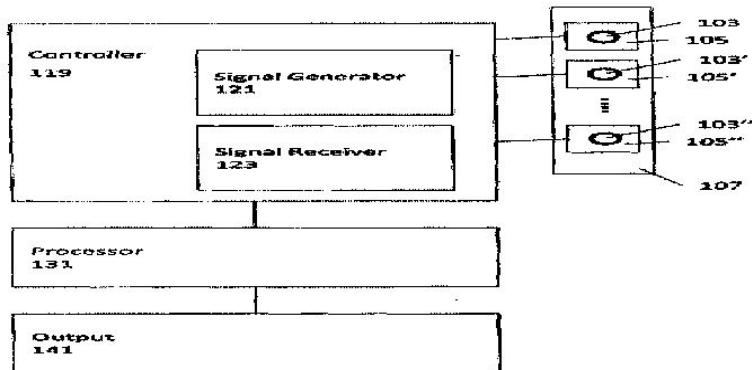


FIG. 1

No. of Pages : 107 No. of Claims : 91

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9331/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NON-RESEALABLE THERMOFORMED PACKAGING FOR LIQUID OR PASTY SUBSTANCES

(51) International classification	:B65D 1/09
(31) Priority Document No	:0902478
(32) Priority Date	:20/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000384
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/133778
(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 :LERE, AVENUE 2065M-LID, F-06516
CARROS FRANCE.

(72)Name of Inventor :

1)HAVRILECK BERTRAND

2)ROBIN MICHEL

(57) Abstract :

The invention relates to a packaging comprising: a rigid shell that can be deformed by having a user apply pressure, said shell forming a storage space (1) containing a liquid or pasty substance; a breakage area (6) for releasing an applicator (3) for ejecting the liquid or pasty substance from said packaging; and a gripping area (5) including an escape path (7) for said liquid or pasty substance, the escape path being naturally closed when the user applies no pressure such that the liquid or pasty substance is prevented from being discharged after opening the packaging.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9372/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DOSAGE FORMS OF APIXABAN

(51) International classification	:A61K 9/00
(31) Priority Document No	:61/187,442
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038660
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/147978
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)BRISTOL-MYERS SQUIBB COMPANY

(72)Name of Inventor :

1)NAUSE RICHARD G.

(57) Abstract :

The present invention relates to a Factor Xa inhibitor dosage form comprising apixaban in a solubility-improved form wherein the dosage form provides controlled release of apixaban and methods for preventing or treating venous thromboembolisms, deep vein thrombosis and acute coronary syndrome with said dosage form.

No. of Pages : 87 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9373/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VEHICLE CONTROL APPARATUS, VEHICLE, AND VEHICLE CONTROL METHOD

(51) International classification	:B60W 40/08
(31) Priority Document No	:2009-130746
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/001246
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136882
(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 :

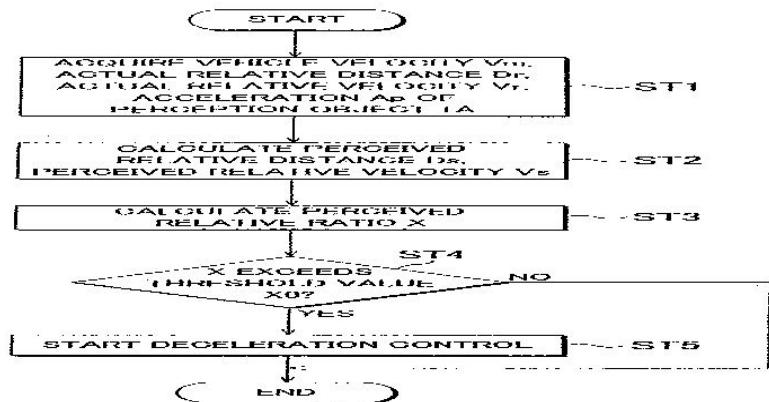
1)AOKI HIROFUMI

2)YASUDA HIROSHI

(57) Abstract :

A perceived relative distance (Ds) that shows a relative distance between a host vehicle and a perception object (TA) perceived by a driver of the host vehicle is calculated on the basis of an actual relative distance (Dr) therebetween. A perceived relative velocity (Vs) that shows a relative velocity between the host vehicle and the perception object (TA) perceived by the driver is calculated on the basis of an actual relative velocity (Vr) therebetween (step ST2). A perceived relative ratio (X) that is a ratio between the perceived relative distance (Ds) and the perceived relative velocity (Vs) is calculated (step ST3). If the perceived relative ratio (X) exceeds a threshold value (X0), a vehicle control is performed (steps ST4 and ST5). Selected Drawing: FIG 10

FIG. 10



No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9375/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DRIVE CLUTCH FOR A CONTINUOUSLY VARIABLE TRANSMISSION WITH ENGINE BRAKING AND BUILT IN BELT PROTECTION

(51) International classification	:F16H 61/66
(31) Priority Document No	:61/217,744
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/037269 :03/06/2010
(87) International Publication No	:WO 2010/141730
(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)OCHAB, DAVID, C.
- 2)COWEN, MATTHEW, J.
- 3)SCHNEIDER, SCOTT, C.
- 4)AVERILL, STEVEN, M.
- 5)MOYER, KENNETH, W.
- 6)COON, WILLIAM, J.

(57) Abstract :

A drive clutch for a continuously variable transmission that includes an input shaft designed to engage with an engine. A sheave assembly is mounted about the input shaft. A bearing assembly separates the sheave assembly from the input shaft such that the input shaft can rotate independently from the sheave assembly. At least one sheave clutch assembly is positioned about the input shaft. The sheave clutch assembly is configured to provide engagement between the sheave assembly and the input shaft when the rotation of the input shaft increases above a certain threshold value. An axial control mechanism is mounted on the input shaft adjacent to the second sheave. The axial control mechanism controls the movement of the second sheave toward and away from the first sheave as a function of the speed of the input shaft. A continuously variable transmission including the drive clutch and a driven clutch is also disclosed.

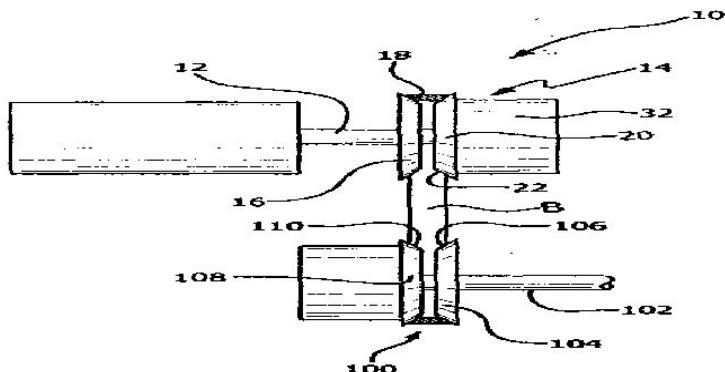


FIG. 1

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9376/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 'WATER- SOLUBLE POUCH

(51) International classification	:C11D 17/04
(31) Priority Document No	:09161692.0
(32) Priority Date	:02/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/US2010/036307
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/141301
(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 PROCTER & GAMBLE COMPANY

Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, OHIO 45202, U.S.A.

(72)Name of Inventor :

1)JENNEWINE, MARC

(57) Abstract :

The present application relates to a water soluble pouch comprising at least one compartment, wherein said compartment comprises a first liquid composition comprising an opacifier and an antioxidant and has a fresh Hunter L value of greater than 7 and a b value of less than 4.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.9343/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AUTOMATED CONTENT SUBMISSION TO A SHARE SITE

(51) International classification	:G06C
(31) Priority Document No	:12/473,487
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035640
Filing Date	:20/05/2010
(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)DOLIN Robert Michael

2)PEARCE Douglas Ray

(57) Abstract :

Methods systems and computer-readable media for remotely submitting content to a website without navigating to the website are provided. The website is a content-sharing website that accepts public content submissions and makes the content available to multiple users. Initially a client application may download remote-content-submission instructions from the website. Subsequently the client application may follow the instructions to format a remote content submission and communicate it to the website.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9344/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 'WIND TURBINE

(51) International classification	:F03D 11/02
(31) Priority Document No	:09160062.7
(32) Priority Date	:12/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056425
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/130717
(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 WIND S.L.U.

Address of Applicant :C/ ROC BORONAT, 78 E-08005,
BARCELONA, SPAIN

(72)Name of Inventor :

1)CASTELL MARTINEZ, DANIEL

(57) Abstract :

A wind turbine comprising a hub (1) carrying one or more blades, a frame (2), and a planetary gearing for transmitting the torque of the hub (1), said hub (1) being rotatably mounted upon the frame (2) at or near a distal end thereof, characterised in that, the torque of the hub (1) is introduced into the planetary gearing through a planet carrier (4) of said gearing, said planet carrier (4) being located at or near said distal end of said frame (2).

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9345/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITE CONNECTION FOR A WIND TURBINE TOWER STRUCTURE

(51) International classification	:E04H 12/08
(31) Priority Document No	:09160871.1
(32) Priority Date	:21/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056760
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/133558
(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 WIND S.L.U.

Address of Applicant :C/ ROC BORONAT, 78 E-08005,
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(72)Name of Inventor :

1)JORDI PUIGCORBE

2)ALBERT FISAS

3)ALBERTO GONZALEZ

4)NURIA GARCIA

(57) Abstract :

A tower section (100; 110) for a wind turbine tower structure comprises at least two shell segments (10, 10'; 11, 11') defining, in an assembled condition, a substantially hollow structure, and including first connecting means (200) for mutually joining two adjacent shell segments (10, 10'; 11, 11') along a joint (210), which comprise a column of concrete (220) arranged overlapping at least part of the joint (210) between adjacent shell segments (10, 10'; 11, 11'). A method for building a tower section (100; 110) for a wind turbine tower structure and a wind turbine comprising a nacelle having rotatable blades and a vertical tower made of at least one of such tower sections (100; 110) are further provided.

No. of Pages : 18 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9346/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PREDICTING THE OCCURRENCE OF A WIND GUST AT A WIND TURBINE

(51) International classification	:F03D 7/02	(71) Name of Applicant :
(31) Priority Document No	:09160250.8	1)ALSTOM WIND S.L.U.
(32) Priority Date	:14/05/2009	Address of Applicant :C/ ROC BORONAT, 78 E-08005, BARCELONA, SPAIN
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/056432	1)GARATE ALVARO, JOSE MIGUEL
Filing Date	:11/05/2010	
(87) International Publication No	:WO 2010/130721	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method of predicting the occurrence of a wind gust at a wind turbine comprising: obtaining, with a predetermined frequency, the values of at least one parameter measured for the wind turbine as input data; selecting a group of input data of predetermined size that was most recently obtained; calculating the probability of the occurrence of a wind gust on the basis of said selected group of input data; verifying if the calculated probability of the occurrence of a wind gust is above a predetermined probability level; and predicting the occurrence of a wind gust if the calculated probability is above said predetermined probability level.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9380/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR DISTRIBUTING CUT TOBACCO FOR FEEDING CIGARETTE-MAKING MACHINES

(51) International classification	:A24C 5/39
(31) Priority Document No	:P.388020
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Poland
(86) International Application No	:PCT/EP2010/056633
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/130822
(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 :

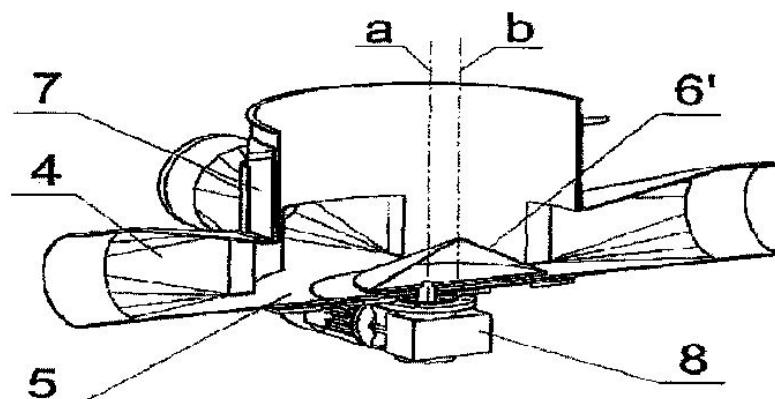
1)GLUCH, KRZYSZTOF JAN

2)KRAMEK, TOMASZ JAN

3)NATORA, KRZYSZTOF ANDRZEJ

(57) Abstract :

The object of the invention relates to a method and a device for distributing cut tobacco for feeding cigarette-making machines. The distributing device (1) is equipped with a distribution chamber (2) having a bottom, with a feeding channel (3) for feeding the cut tobacco to the distribution chamber (2), the channel being connected to the chamber from above, with at least one receiving channel (4) for receiving the cut tobacco from the distribution chamber (2), the receiving channel being connected to the chamber at side walls thereof. A rotary element for changing local bulk density and disturbing the flow of the cut tobacco fed to the distribution chamber (2) is eccentrically mounted to a stationary bottom of the distribution chamber (2). Fig. 7



No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9381/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COLLISION AVOIDANCE AND WARNING SYSTEM

(51) International classification	:G01C 3/08
(31) Priority Document No	:12/469,238
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035226
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/135306
(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)**MCCOLLOUGH, JAMES**

2)**BAIS, CHRISTOS**

(57) Abstract :

A collision avoidance and warning system for a helicopter uses a type of emitted energy, for example radio frequency radar, from a transceiver positioned to cover a selected field of view for detecting an object or pedestrian in the vicinity of the helicopter. For helicopters that include a tail rotor assembly, the selected field of view can include a region around the tail rotor assembly so that when the helicopter is running on the ground, an alarm can be issued to persons approaching the tail rotor assembly. When the helicopter is in flight, the collision avoidance and warning system can alert the pilot when a portion of the helicopter outside of the pilot's field of view is in danger of a collision with an object.

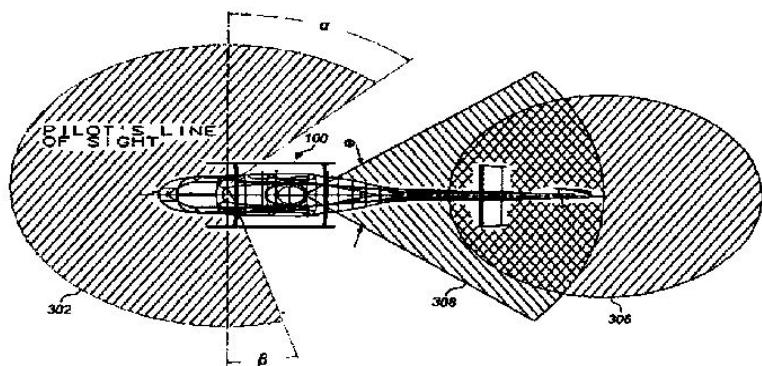


FIGURE 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9382/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ROTOR HUB AND CONTROLS FOR MULTI-BLADED ROTOR SYSTEM

(51) International classification	:B64C 27/54
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/044886
Filing Date	:21/05/2009
(87) International Publication No	:WO 2010/134920
(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)BELL HELICOPTER TEXTRON INC.

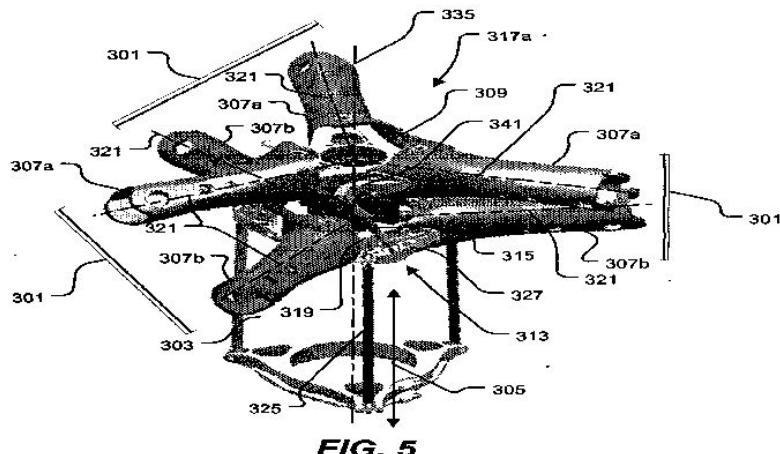
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(72)Name of Inventor :

1)BRUNKEN, JOHN, E.

(57) Abstract :

A rotor system for a rotorcraft includes a rotor hub having a plurality of rotor blade pairs mechanically coupled to a rotor mast. A pitch link assembly is mechanically coupled to each rotor blade pair for controlling the pitch angle of each rotor blade pair in tandem. Each rotor blade pair has an upper rotor blade and a lower rotor blade. The plurality of rotor blade pairs rotate in a single direction and about a single axis of rotation.



No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9384/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BENDING APPARATUS

(51) International classification	:B21D 7/16
(31) Priority Document No	:2009-120844
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058300
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/134495
(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)SUMITOMO PIPE & TUBE CO., LTD.

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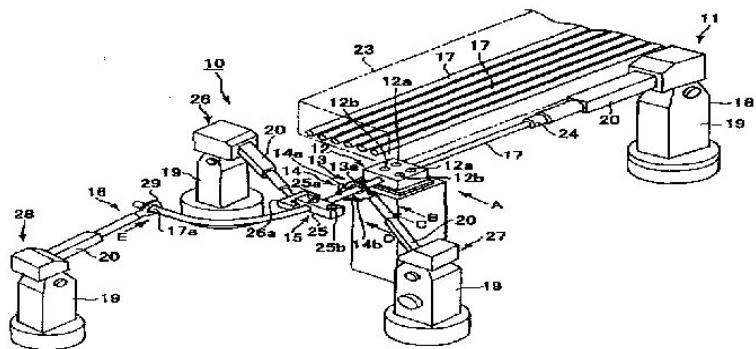
2)TOMIZAWA, ATSUSHI

3)INOUE, SABURO

(57) Abstract :

A bending apparatus which manufactures a bent metal member with high productivity and excellent dimensional accuracy is provided. A bending apparatus (10) has a first support mechanism (11) which supports a steel tube (17) while feeding it, a heating mechanism (13) which heats all or a portion of the steel tube (17), a cooling mechanism (14) which forms a high temperature portion in part of the steel tube (17) by cooling a portion of the steel tube (17) which was heated by the heating mechanism (13), a second support mechanism (15) which imparts a bending moment to the high temperature portion and bends the steel tube (17) to a desired shape by moving two-dimensionally or three-dimensionally while supporting at least a portion of the steel tube (17), and a deformation preventing mechanism (16) which prevents deformation of the steel tube (17), wherein at least one of the second support mechanism (15) and the deformation preventing mechanism (16) has a chuck which has a tubular member with a circular, polygonal, or special transverse cross section and which grips the steel tube (17). Fig .1

Fig. 1



No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9385/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : CANNULA HAVING AN OVERLAPPING CANNULA FEATURE AND NOTCH FEATURE

(51) International classification	:A61M 25/01
(31) Priority Document No	:12/476,961
(32) Priority Date	:02/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036223
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/141290
(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 :

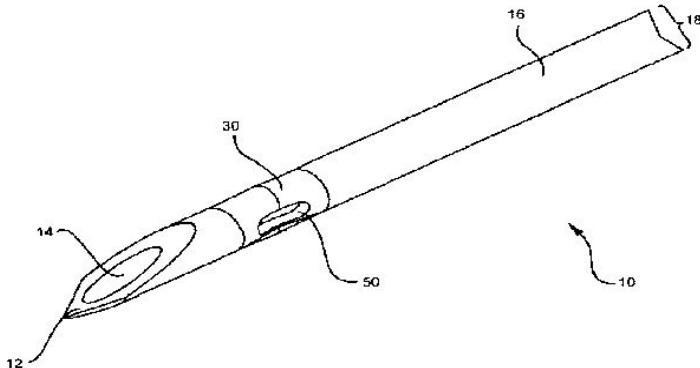
1)MCKINNON, AUSTIN JASON

2)STOUT, MARTY L.

(57) Abstract :

A cannula having a notch feature and a cannula feature that at least partially overlap each other is described herein. Generally, the cannula comprises a tubular shaft with a substantially constant outer diameter. The cannula feature comprises at least one surface that extends laterally past the cannula's outer diameter. For instance, the cannula feature may comprise a crimp feature or a welded ferrule feature. The cannula feature further comprises a distal end and a proximal end. Accordingly, a portion, if not all, of the notch feature is disposed between the cannula feature's distal end and proximal end. The cannula may be used in any suitable assembly, including a catheter assembly comprising a needle capture mechanism. FIG. 1

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9367/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INTERLOCKED BINARY PROTECTION USING WHITEBOX CRYPTOGRAPHY

(51) International classification	:G07F 21/22
(31) Priority Document No	:61/175,945
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000666
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/127438
(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)GU, YUAN, XIANG

2)MCRAE, PAUL

3)NICOLESCU, BOGDAN

4)LEVITSKY, VALERY

5)ZHU, XIJIAN

6)DONG HONGRUI

7)MURDOCK, DANIEL, ELIE

(57) Abstract :

A system and method for transforming a software application comprising binary code and optionally associated data, from an original form to a more secure form. The method includes performing a combination of binary transmutations to the application, and interlocking the transmutations by generating and placing interdependencies between the transmutations, wherein a transmutation is an irreversible change to the application. Different types of the transmutations are applied at varied granularities of the application. The transmutations are applied to the application code and the implanted code as well. The result is a transformed software application which is semantically equivalent to the original software application but is resistant to static and/or dynamic attacks.

No. of Pages : 71 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9368/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : RECOMBINANT SUBUNIT WEST NILE VIRUS VACCINE FOR PROTECTIONS OF HUMAN SUBJECTS

(51) International classification	:A61K 39/12
(31) Priority Document No	:61/182,754
(32) Priority Date	:31/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001608
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/141084
(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)HAWAII BIOTECH, INC.

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(72)Name of Inventor :

1)COLLER, BETH-ANN

2)PAI, VIDYA

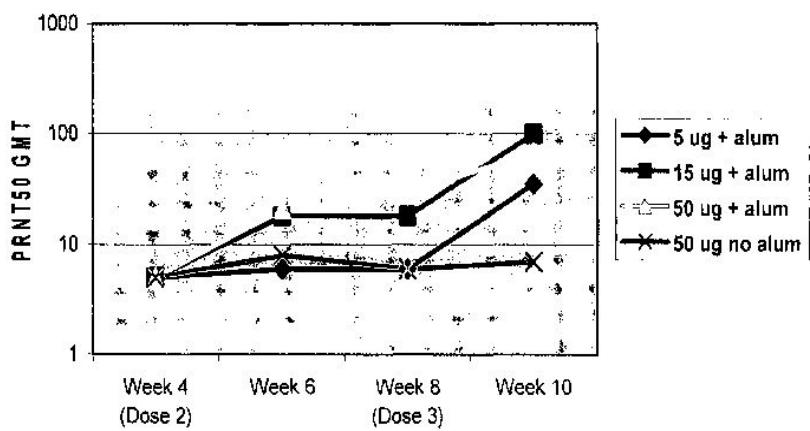
3)SEEKS-LEVY, CAROLYN, L.

4)OGATA, STEVEN, A.

(57) Abstract :

A West Nile virus vaccine for human use is described that preferably contains a recombinantly produced form of truncated West Nile virus envelope glycoprotein and aluminum adjuvant. The vaccine is acceptable for use in the general population, including immunosuppressed, immunocompromised, and immunosenescent individuals. The vaccine is safe and effective for use in all healthy and at-risk populations. A pharmaceutically acceptable vehicle may also be included in the vaccine. FIGURE 3

FIGURE 3



No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9378/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SWITCHGEAR HAVING A DAMPER ARRANGEMENT

(51) International classification	:H01H 50/30
(31) Priority Document No	:10 2009 034 247.8
(32) Priority Date	:22/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/059063
Filing Date	:25/06/2010
(87) International Publication No	:WO 2011/009694
(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)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY

(72)Name of Inventor :

1)BAUMI; ALFRED

2)DANZER; KLAUS

3)OBERLEITER; ALEXANDER

4)ZIMMERMANN; NORBERT

(57) Abstract :

The invention relates to a switchgear (1), particularly a protection, comprising an upper housing part (4) and a lower housing part (3), a magnet chamber (5) disposed in the lower housing part (3), in which a drive unit (7) made of an armature (10), a coil (9), a yoke (8) and a magnetic damping arrangement (11) for damping the yoke (8) are all disposed. The invention is characterized in that the yoke (8) for damping is disposed on both a fixed bearing (12) and on a damping element (14). Fig: 2

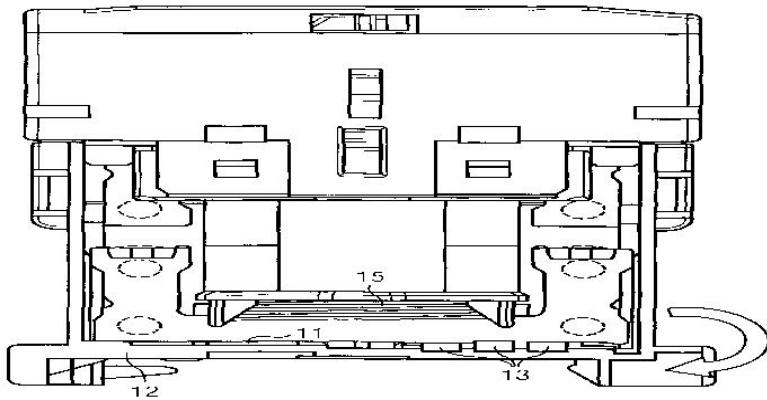


Fig: 2

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9356/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : 'PYRAZINYLPYRAZOLES

		(71) Name of Applicant : 1)BAYER CROPSCIENCE AG Address of Applicant :ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY
(51) International classification	:C07D 401/14	(72) Name of Inventor :
(31) Priority Document No	:09161568.2	1)HANS-GEORG SCHWARZ
(32) Priority Date	:29/05/2009	2)JENS FRACKENPOHL
(33) Name of priority country	:EUROPEAN UNION	3)ACHIM HENSE
(86) International Application No	:PCT/EP2010/003060	4)SIMON MAECHLING
Filing Date	:19/05/2010	5)STEFAN SCHNATTERER
(87) International Publication No	:WO 2010/136145	6)ROBERT VELTEN
(61) Patent of Addition to Application Number	:NA	7)ANGELA BECKER
Filing Date	:NA	8)STEFAN WERNER
(62) Divisional to Application Number	:NA	9)OLGA MALSAM
Filing Date	:NA	10)EVA-MARIA FRANKEN
		11)ARND VOERSTE
		12)ULRICH GORGENS
		13)PETER LUMMEN

(57) Abstract :

Pyrazin-2-ylpyrazoles are described, as is the use thereof as insecticides and/or parasiticides. Additionally described are processes for preparation thereof, and compositions which comprise such pyrazin-2-ylpyrazoles.

No. of Pages : 76 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9359/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS AND APPARATUS FOR PERFORMING KNEE ARTHROPLASTY

(51) International classification	:A61F 2/38
(31) Priority Document No	:61/182,435
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036638
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138854
(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)SMITH & NEPHEW, INC.

Address of Applicant :1450 EAST BROOKS ROAD,
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(72)**Name of Inventor :**

1)RICHARD MICHAEL SMITH

2)ZACHARY CHRISTOPHER WILKINSON

3)NATHANIEL MILTON LENZ

4)BRIAN W. MC KINNON

5)DAVID A. DRUCKER

(57) Abstract :

Methods and apparatus for performing knee arthroplasty, including, but not limited to, bicuspid retaining knee arthroplasty, are described herein. Methods and apparatus for preparing a distal femur for a femoral implant as well as methods and apparatus for preparing a proximal tibia for a tibial implant are described. These methods and apparatus, in at least some embodiments and uses, facilitate decreasing the complexity of knee arthroplasty procedures such as bicuspid retaining procedures, while maintaining, if not improving on, the safety, accuracy and / or effectiveness of such procedures.

No. of Pages : 154 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9386/DELNP/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : THERMAL PRINTER AND ENERGIZING CONTROL THEREFOR

(51) International classification	:B41J 2/355
(31) Priority Document No	:2009-251746
(32) Priority Date	:02/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068989
Filing Date	:26/10/2010
(87) International Publication No	:WO 2011/052603
(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)SEIKO EPSON CORPORATION

Address of Applicant :4-1, NISHI-SHINJUKU 2-CHOME,
SHINJUKU-KU, TOKYO 163-0811, JAPAN

(72)Name of Inventor :

1)YAMADA, KOJI

2)ISHINO, HITOSHI

(57) Abstract :

A thermal printer having a thermal head with a heat element that heats a recording medium and forms a print dot by energizing the heat element generates a first energizing pulse that energizes continuously during a first period for forming a print dot when the recording medium conveyance speed is greater than a specific threshold value; and generates a second energizing pulse that alternates during the first period between energizing for a second period that is shorter than the first period and de-energizing for a third period when the recording medium conveyance speed is less than or equal to the threshold value.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1008/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ARRANGEMENT OF ELECTRICAL APPARATUS

(51) International classification	:H01F 3/00	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR DR.ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SAMEER SHARATDCHANDRA VAIDYA
Filing Date	:NA	
(87) 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 assembly for electrically isolating yoke stud 120 from a frame of a core-frame assembly 100 within a transformer includes a pair of top frames 116 and bottom frames 118 connected to a pair of opposite sides 112 of the yoke at a top end portion and a bottom end portion thereof and including a yoke insulating member 126 sandwiched between each of the frames 116, 118 and the yoke. Each of the frames 116, 118 has a hole formed therein that is linearly aligned with a corresponding hole formed within the yoke insulating member 126 and the yoke. A first insulating material 128 is insertable at least within the hole of each of the top and bottom frames 116, 118 and in a manner that includes an outer end 132 contacts an outer surface 134 of each of the frames 116, 118. A washer 136 is disposed adjacent to each of the first insulating material 128 in contacting relationship. The conductive yoke stud 120 is insertable within the washer 136 and the corresponding first insulating material 128 of each of the top and bottom frames 116, 118. The yoke stud 120 extends through the linearly aligned holes of the yoke insulation and the yoke to protrude from the washer 136 contacting the oppositely disposed first insulating material 128.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1009/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN IMPROVED INTERRUPTER FOR CIRCUIT BREAKER WITH MODIFIED CONTACT HOLDER

(51) International classification	:H01H 37/04	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR DR. ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)JAMDHADE GAURAV
Filing Date	:NA	
(87) 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 circuit interrupter comprising a housing enclosing a fixed contact and a movable contact operatively coupled together through a collapsible mechanical linkage, the housing comprising an integrally form casted body having a movable contact holding portion and a fixed contact holding portion disposed in a spaced apart relationship with each other and joined together by at least a pair of spaced ribs, the fixed contact holding portion comprising a means for holding the fixed contact and means for holding the mechanical linkage at an inner surface thereof and the movable contact holding portion comprising a through opening at the center thereof for housing the movable contact.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1012/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN APPARATUS FOR WATER PURIFICATION AND HEATING

(51) International classification	:C02F 1/02
(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)CROMPTON GREAVES LIMITED

Address of Applicant :CG HOUSE, 6TH FLOOR DR. ANNIE
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MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)GANPULE ,VAIBHAV

(57) Abstract :

A water dispenser 100 for providing potable water and multipurpose domestic usage water comprises a first water tank 142 disposed within a housing 102 and fluidly connected with a feed water supply, the first water tank 142 having an electrically controlled first heating element 146 disposed therein for selectively heating the feed water supply to its boiling temperature, a second water tank 144 disposed within the housing 102 and fluidly connected with the feed water supply, the second water tank 144 having an electrically controlled second heating element 154 disposed therein for selectively heating the feed water supply to a temperature of about 80°C, the heated water adapted to be mixed with a water supply having a room temperature, a control unit 120 disposed in electrical communication with the first heating element 146 and the second heating element 154 for controllably actuating the first and the second heating elements 146, 154, and a heat exchanger 162 disposed within the housing 102 and connected with an outlet 128 of the first water tank 142 and the feed water supply.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1010/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR TESTING OF ELECTRICAL APPARATUS

(51) International classification	:H02H 7/08
(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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(72)Name of Inventor :

1)NARESH NARRA

2)UMAMAHESH PASUMARTHI

(57) Abstract :

A system for testing induction motors is provided comprising of a plurality of test beds each one of the test beds housing an induction motor and a sense means to receive electrical signals corresponding to electrical and thermal parameters to be tested. The plurality of signal processing units corresponding to each of the plurality of test beds receive electrical signals and process them to generate characteristic information for the corresponding induction motor. A central processing means to receive the characteristic information from each of the signal processing units, compare the characteristic information with standard specification for the induction motors are manufactured, perform analysis on the characteristic information and maintain a database for the received and analyzed information.

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1011/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN IMPROVED IRON

(51) International classification	:D06F 75/08	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR DR. ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KHEDKAR PARAG PRABHAKAR
(87) 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 electric iron 100 with enhanced safety features is provided with a sensing means disposable within housing 114 and including a transmitter 120 and a receiver 122. The sensing means is capable of generating a first signal in response to electrical communication between the receiver 122 and the transmitter 120 during non-usage of the iron 100 when disposed in a horizontal position. Further, the sensing means is also capable of generating a second signal in response to interruption of electrical communication during non-usage of the iron 100 when disposed in a vertical position. A pivotally supported pendulum 126 has an opening 132 and capable of being displaced under gravity between the transmitter 120 and the receiver 122. The pendulum 126 is positioned in a first stable position 134 during non-usage of the iron 100 in the horizontal position to allow electrical communication between the receiver 122 and the transmitter 120 through the opening 132. The pendulum 126 is displaceable to a second stable position 136 during non-usage time in the vertical position and interrupting electrical communication between the receiver 122 and the transmitter 120. A controller is electrically couplable between the sensing means and a power supply to triggering the power supply in an off-condition when the controller receives the first and the second signals for the predetermined non-usage time interval.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1022/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A METHOD TO COMPENSATE PRE-ARCING TIME IN SF6 GAS CIRCUIT BREAKERS

(51) International classification	:H01H 33/00	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR DR. ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GANDHI JAY RASIK
(87) 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 method for determining pre-arcing time corresponding to a SF6 gas pressure value in a high voltage circuit breaker, the method comprising the steps of determining the values of g associated with a plurality of known values of s from the formula $g=195-st$; wherein g being the gap value between the stationary and moving arcing contacts of the circuit breaker, s being the speed of the moving arcing contact of the circuit breaker, i being a lime value in a predefined time range and 195 being the gap between the contacts in full open condition in mm; determining a breakdown voltage (BDV) value for each gap value through the formula $BDV=E_{\text{critical}}/E_{\text{max}} V$, wherein V being a preset input line voltage (V). E_{critical} being electric field value within the circuit breaker corresponding to said SF6 gas pressure value within the circuit breaker and E_{max} being a maximum electrical stress value (E_{max}) amongst the electrical stress value measured on the stationary and moving main & arcing contacts at each gap value between the stationary and moving arcing contacts, thus each BDV value corresponding to a time value; plotting a graph of a breakdown voltages (Y-axis) versus their corresponding time values (X-axis); plotting a modulus sine wave of the input line voltage on the said graph; determining a first time value which being the time value on the X-axis of said graph corresponding to the point of intersection of the breakdown voltage curve and the modulus sine wave; determining a second time value which being the time value on the X-axis of said graph corresponding to the point of intersection of the breakdown voltage curve and the X-axis; and subtracting the first time value from the second time value, the result of which being the pre-arc time corresponding to said SF6 gas pressure value within the circuit breaker.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1014/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MANUAL JACK ARRANGEMENT FOR CIRCUIT BREAKER

(51) International classification	:H01H 85/15	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR DR. ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAVINDRA VANJI SONJE
(87) International Publication No	: NA	2)VISHAL VIJAY BAGADE
(61) Patent of Addition to Application Number	:NA	3)HIMANSHU CHANDRAKANT JOSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A stroke adjustment mechanism disposed within a housing of a circuit breaker comprising a lead screw, an outer end of the lead screw being threadly engaged to a nut disposed outside the housing, the nut being rotatable by a handle to cause horizontal slidable movement of the lead screw in the housing, and an auxiliary lever pivotally connected to an inner end of the lead screw and rigidly connected to an operating lever of the circuit breaker, the auxiliary lever and the operating lever being adapted to rotate in same direction about a common axis of rotation, the rotation of the operating lever actuating movement of a movable contact relative to a fixed contact.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1028/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VARIABLE THERMAL ARRANGEMENT FOR CIRCUIT BREAKER PROTECTION SYSTEM

(51) International classification	:H01H 71/16	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, P.O. BOX NO. 278, MUMBAI 400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SANDEEP S KAMAT
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a variable thermal arrangement for circuit breakers. The arrangement comprising of a heating element, a bimetallic element connected to the heating element, a slider adapted to move in slots provided in the heating element and the bimetallic element, an adjustment knob connected to the slider and a calibration screw provided on the bimetallic element. The movement of the adjustment knob varies the cantilever length of the bimetallic element thereby adjusting the deflection of the bimetallic element required for tripping the circuit breaker. To achieve maximum thermal setting for circuit breaker, the slider is moved to the extreme of the slot towards the fixed end of the bimetallic element and for a minimum thermal setting the slider is moved to the extreme of the slot away from the fixed end of the bimetallic element.

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1029/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MEANS FOR ADJUSTING OPERATING FORCE FOR AN OPERATOR LEVER

(51) International classification	:G05G 1/00	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LTD. Address of Applicant :GATEWAY BUILDING, APOLLO BUNDER, MUMBAI-400001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. KOTHARKAR VINOD CHIMANRAY
(87) International Publication No	: NA	2)LATTOO PRAKASH KRISHNARAO
(61) Patent of Addition to Application Number	:NA	3)GOMES MAXSON CASTER
Filing Date	:NA	4)MOHSINKHAN KALAWANT ABDULKADAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an operating effort or force controlling means which is incorporated with an operating lever for adjusting manual effort required to operate the lever. The present invention particularly discloses an operating effort or force controlling means loaded with spring adjusting means to provide a simple and cost effective operating force controlling means.

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1039/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TRIPPING MECHANISM FOR ELECTRICAL PROTECTION APPARATUS

(51) International classification	:H01H 71/10	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, P.O. BOX NO. 278, MUMBAI-400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)PRAVIN P MHASKAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a tripping mechanism for electrical protection apparatus. The mechanism comprising a housing, a pivot assembly, a compensation system, at least one slider, a slider reaction point, a trip indicator, a main spring; and an interface lever. The at least one slider is provided with a plurality of recesses through which the interface lever acts to accelerate the mechanism thereby reducing the tripping time. The actuation of the pivot assembly exerts a force on the main spring and trip indicator thereby inducing a movement on the slider to attain at least one of the equilibrium position.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1030/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INTERLOCKING MECHANISM FOR ELECTRICAL CONTRACTORS

(51) International classification	:H01H 1/20	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, P.O. BOX NO. 278, MUMBAI-400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)AMOL L SUTAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present disclose an interlocking mechanism for electrical contactors. The mechanism comprising a housing, at least two sliders arranged in the housing and a partition arranged between the at least two sliders. The unique sandwich type of mechanical interlocking which directly gets mounted on the contactors to prevent simultaneous closing of a pair of electrical contactors. The partition includes a round shaped flexible portion. The partition flex at right angles along an axis of at least one of the slider during the slider motion. The sliders are arranged in the housing such that the flexible portion of the partition comes in contact with each other when both of the contactors are in open position and prevents the movement of the sliders when both the contactors are in closed position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1042/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DRAW OUT TYPE CIRCUIT BREAKER ASSEMBLY

(51) International classification	:H02B 11/00	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, P.O. BOX NO. 278, MUMBAI-400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MANDAR AMBEKAR
(87) International Publication No	: NA	2)MUKESH NIMANI
(61) Patent of Addition to Application Number	:NA	3)AJIT AGWEKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present disclosure provide a draw out type circuit breaker assembly. The assembly comprising a fixed part, a moving part assembly and a sliding-in arrangement mounted on the fixed assembly. The fixed part, moving part and the sliding arrangement is designed in such a way to provide the opening and closing of a safety device while inserting or withdrawing the safety device out of the circuit breaker. The fixed part, the moving part and a sliding-in arrangement rests on the fixed part to engage or disengage the basic moving part from fixed part during maintenance or inspection. When the moving part is disengaged from the fixed part, live current carrying part of the main circuit is isolated via a safety device. The safety device is opened at a time when the moving part is engaged into the fixed part.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1044/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INTERLOCK MECHANISM FOR SWITCHING DEVICES

(51) International classification	:H01H 9/20	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, P.O. BOX NO. 278, MUMBAI-400001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)NILOY KHATUA 2)BHARAT N MISTRY
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide an interlock mechanism for switching device in switchboards. The mechanism comprising a interlock guiding plate, a Interlock lever, a interlock lever fixing bracket, a interlock locking plate, a interlock plate, a control fascia slider, a switching device shaft and a switching device. The interlock lever is mounted in such a way that a 90° rotation of the shaft causes the interlock lever to rotate at an angle of +45° to -45° and vice versa to provide for a linear rotation of the interlock plate.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1073/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HOLLOW CRANKSHAFT FOR IC ENGINES

(51) International classification	:F01B 1/12	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001. MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. UDAYAN PATHAK
(87) International Publication No	: NA	2)VIKAS SHINGADE
(61) Patent of Addition to Application Number	:NA	3)SENTHILKUMAR V
Filing Date	:NA	4)SUHAS PATIL
(62) Divisional to Application Number	:NA	5)KEDAR GOKHALE
Filing Date	:NA	

(57) Abstract :

Accordingly the present invention discloses a hollow crankshaft for IC engines comprising of plurality of Main Bearing (MB) Journals (5) and Crank Pin (CP) Journals (3) both constituted from hollow section. Plurality of flanges (1) configured with a blind counter bore for accommodating said Main Bearing (MB) Journal (5) and a counter hole for accommodating Crank Pin (CP) Journal (3), one through hole (8) in counter hole for Crank Pin (CP) Journals (3) and one through hole (4) connecting said Main Bearing (MB) Journals (5) and Crank Pin (CP) Journals (3). At least one hole provided on each of said (MB) Journals (5) and Crank Pin (CP) Journals (3) for providing oil through it for lubrication. At least one non return valve arrangement provided on crankshaft for restraining oil drain from the crankshaft when not in operation; and at least one lid (2) provided on through hole (8) drilled from counter bore for CP journal to ensure continuous supply of oil for lubrication.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1023/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A NOVEL SYSTEM FOR MACHINING OF ELECTRIC MACHINES

(51) International classification	:H02K 15/14	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR DR.ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)EKNATH RAMDAS BHUJBAL
Filing Date	:NA	
(87) 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 :

Device for holding the stator body of an AC motor. The device (1) comprises a base (4) having a locating recess (5) at the bottom adapted to locate the base on the chuck of a vertical turret lathe machine and atleast one pair of a tapered spigot aligning portion (6a, 6b, 6c) and a spigot locating surface (7a, 7b, 7c) with a common centre line passing therethrough. The spigot locating surface is at the foot of the spigot aligning portion. The base further has mounting means (8) for mounting the base on the chuck of the lathe machine, levelling means (10,11) for maintaining the level of the stator body (2) when located against the spigot aligning portion or spigot locating surface and handling means (9) to facilitate handling of the base

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1066/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMPROVED CHASSIS FRAME STRUCTURE FOR AUTOMOBILES

(51) International classification	:B62D 25/20	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001. MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MAHESH MUNGI
(87) International Publication No	: NA	2)NAIDU V G
(61) Patent of Addition to Application Number	:NA	3)MADDINA SURESH BABU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved chassis frame for automobile, said chassis frame comprises; LH long member & RH long member (02), said LH long member and RH long member (02) each having at least one extension member (04) provided at front end, said extension member (04) is rigidly connected to said long members in such a manner that during frontal impact said extension member (04) distributes the impact load between said long members and vehicle cabin (01) by providing alternate load path to impact force to absorb energy thereby minimize the deformation of vehicle cabin and maximize survival space for vehicle occupants. The distribution of impact load between said LH and RH long members (02) and vehicle cabin (01) minimizes the deformation of vehicle cabin (01) and maximizes the survival space needed for occupants during the frontal collision of vehicles.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1077/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : FAULT FREE HIGH RATING MODULAR CONTACT SYSTEM

(51) International classification	:H01H 73/04	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAl-400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SHARMA, GAUTAM 2)MISTRY BHARAT N
Filing Date	:NA	
(87) 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 relates to a fault free modular contact system having high current carrying capacity for use in a single phase system and/or multi-phase system. The system comprising module chassis means (4), contact driving plate means (6) being movably mounted on said chassis means (4), barrier component (2) being movably fixed on said contact driving plate (6) on each side; plurality of modular contact housings (3), said each housing being mounted on said movable barrier component (2) such that movement of the contact driving plate (6) correspondingly moves said modular contact housing (3) and said each modular contact housing (3) being adapted to secure power contact means (9) for each of the phases; plurality of module terminal housings (1) located on the chassis (4) in a substantially vertical manner wherein said barrier component (2) operatively overlaps with said modular terminal housing (1) and wherein said barrier means (2) operatively engaged with contact driving plate means (6) such that said barrier (2) moves along with said contact driving plate means (6) so as to ensure no two phase conductors or phase conductors at different potentials or phase and ground conductors come into contact with each other ensuring fault free, safe and reliable in the system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1027/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AIR INTAKE SYSTEM WITH INTEGRATED AIR CLEANER

(51) International classification	:F02M 35/02	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LTD. Address of Applicant :GATEWAY BUILDING, APOLLO BUNDER, MUMBAI-400001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor : 1)MR. R. AJIT 2)MR. WAGHE SACHIN DNYANDEO
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 discloses an integrated air intake system (1) comprising an air intake manifold (14) incorporated with an air filtering unit (5) for off road vehicles comprising a combination of a first filtering means of low density and a second filtering means of high density for improving effectiveness of the air purification operation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1038/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SWITCHING DEVICE WITH SPRING LATCHING MECHANISM

(51) International classification

:H01H

71/52

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)LARSEN & TOUBRO LIMITED

Address of Applicant :L&T HOUSE, BALLARD ESTATE,
P.O. BOX NO. 278, MUMBAI-400 001, MAHARASHTRA,
INDIA.

(72)Name of Inventor :

**1)ANOOP PHILIP
2)V RAVI KISHORE REDDY
3)AMIT CHATURVEDI
4)KESAVAN S.K**

(57) Abstract :

The various embodiments of the present invention provide a switching device with the spring latching mechanism. The switching device includes a moving contact, a fixed contact, a coil, a linking assembly, a double solenoid actuation mechanism and a compression spring latching mechanism. The double solenoid actuating system and the compression spring latching mechanism in combine provides a flip locking based electromagnetic actuation switching device having a low duty coil and a reliable compression spring based latching mechanism.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1047/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : RACK-IN SYSTEM FOR DRAW-OUT TYPE CIRCUIT BREAKERS

(51) International classification	:H02B 11/00	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, P.O. BOX NO. 278, MUMBAI-400001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)VISHAL DONGARE 2)MANDAR AMBEKAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a rack-in system for draw-out circuit breakers. The system comprising a casing, a worm mounted in the casing, a worm wheel attached to the worm and a handle attached to the worm and the worm wheel, a rack and pinion arrangement and a linkage, the worm wheel is mounted with an axis in a vertical direction such a rotation of the handle causes the worm wheel to rotate providing a rack-in and rack-out operation.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1058/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR VOLTAGE MEASUREMENT IN ELECTRICAL APPARATUS

(51) International classification	:G01R 15/14	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR DR.ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DEEPAK KRISHNA REMJE
(87) International Publication No	: NA	2)VENKATASAMI ATHIKKAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A voltage detection sensor for detecting voltage at a transformer winding without contacting conductor portion of the transformer winding is provided. The voltage detection sensor comprises a conductor, an insulating layer surrounding said conductor, and a metal layer disposed over said insulating layer. The voltage detection sensor is adapted to be detachably attached around the transformer winding as a test winding, wherein alternating conducting and insulating portions of the transformer and test windings form a capacitive voltage divider thereof.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1079/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN IMPROVED THERMO MAGNETIC RELEASE ASSEMBLY FOR USE IN MOULDED CASE CIRCUIT BREAKER

(51) International classification	:H01H 71/24	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF 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	(72) Name of Inventor : 1)KUMAR, MANI 2)VEERASAMY RAMASAMY 3)POLEPALLT SASIDHAR
(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 :

The present invention relates to an improved thermo magnetic release assembly for use in multi pole moulded case circuit breaker. The assembly comprising housing (1), overload shaft means (12), trip actuator means (9), plurality of spring means (6,7,8), plurality of knob means (13,14), trip latch mechanism, an electromagnetic system and an auto temperature compensation arrangement. The auto temperature compensation arrangement comprising auto temperature compensation bimetal means (15), substantially horizontally located with respect to main bimetal (16), hinged on housing (1) so as to rotate about its axis to deflect freely with respect to ambient temperature variations and it is operatively actuated by main bimetal means (16) being adapted to actuate trip actuator means (9) during overload condition. The electromagnetic system comprising magnetic slider means (17) having tapered profile adapted to adjust an air gap (20) between moving magnet means (5) and fixed magnet means (4) and simultaneously to adjust spring force while magnetic slider means (17) is driven by knob means and auto temperature compensation bimetal being operatively actuated by moving magnet means (5) being adapted to actuate trip actuator means (9) during short circuit condition. The trip latch mechanism comprising trip plate means (10) being hinged on trip plate holder means (11) by using pin means (18), having another spring means (8) being operatively engaged to the holder means and plate means thereby producing de-latch force on trip actuator means (9) to trip circuit breaker when there is a fault.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1078/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN IMPROVED PUNCH AND DIE ASSEMBLY

(51) International classification	:B21J 13/02	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)PANCHAL R. A. 2)SHAH P.K.
Filing Date	:NA	
(87) 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 relates to an improved punch and die assembly for piercing and stripping for holes in metal sheets, said holes being adjacent to each other having diameters less than material thickness. The assembly having plate means, guidance means (4), pin means (3), plurality of stripping medium means (2) being located between plurality of said plate means with plurality of said pin means (3), plurality of punch means (1) in proximity to said plurality of stripping medium means (2); wherein said punch means (1) having body diameter so as to strengthen said punch means (1) against a buckling load and a cutting diameter so as to give protection against deflection while piercing; wherein said guidance means (4) adapted to provide guidance to plurality of said punch means (1) during punching operation whereby in said punching operation during downward stroke said plurality of punch means (1) being guided by said guidance means (4) to pierce through the said metal sheet; wherein said metal sheet (5) being firmly held by said stripping medium means (2) being compressed by the downward stroke and exerting force on the said sheet metal means (5) till said plurality of punch means (1) complete piercing holes at the same station and said stripping media means (2) stripping said sheet metal means (5) during upward stroke.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1087/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A SYSTEM FOR MONITORING ATLEAST TWO TRANSFORMERS FOR HOT SPOT FORMATIONS THEREIN

(51) International classification	:H02H 7/04	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)PARDESI SURAJ
(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 :

A system for monitoring atleast two transformers for hot spot formations therein is described. In one embodiment of the present invention the system allows monitoring of two or more transformers using a single laser source and a single interrogator unit. The system utilizes fiber-bragg-grating sensors placed in fibers fitted onto each transformer for sensing the temperature using fiber-bragg-grating principle.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.1462/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NOVEL REACTIVE DYES, THERE MIXTURES AND PROCESSES THEREOF

(51) International classification	:C09B 62/44	(71) Name of Applicant : 1)COLOURTEX INDUSTRIES LIMITED Address of Applicant :SURVEY NO 91, PAIKEE BHESTAN, NAVASARI-SURAT ROAD, SURAT-395 023, Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DESAI; PANKAJ
(87) International Publication No	: NA	2)PATEL ;JAY
(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 relates to polyazo reactive dyes comprising of stilbene or diaminodiphenylsulfone derivatives of formula (1), Formula (2) and Formula (3). Where, A= 4,4'-diaminostibene-2,2,-disulphonic acid; 4:4'-Diaminodiphenylsufone; 3:3'-Diaminodiphenylsulfone which can be applied as single dye or as mixture with other compatible dyestuffs for dyeing a wide variety of fibre materials selected from, cellulose, polyamide or protein fibres and yield dyeings having good allround fastness properties.

No. of Pages : 54 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2010

(21) Application No.1897/MUM/2009 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : EXTENDED RELEASE COMPOSITION OF METHYLCOBALAMIN AND/OR ITS PHARMACEUTICALLY ACCEPTABLE FORMS AND PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K 48/00, A61P 31/04, C07H 23/00	(71) Name of Applicant : 1)TROIKA PHARMACEUTICALS LTD. Address of Applicant :COMMERCE HOUSE 1, OPPOSITE JUDGES BUNGLOW ROAD, SATYA MARG, AHMEDABAD 380 054, GUJARAT, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PATEL, KETAN R.
(33) Name of priority country	:NA	2)PATEL, MILAN R.
(86) International Application No Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Disclosed herein is a non-gastro retentive composition comprising a therapeutically effective amount of methylcobalamin or its pharmaceutically acceptable forms and process for preparing the same, wherein said composition provide sustained blood levels of methylcobalamin for several hours i.e. for 24 hours without having prolonged gastric retention thereby providing the required sustained levels of methylcobalamin even though the composition moves forward from the stomach to the small intestine.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1984/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A STEERING ASSIST SYSTEM

(51) International classification	:B60Q1/00	(71) Name of Applicant : 1)MR.RAJESH GANGAR Address of Applicant :801 LILIJUM, MAHINDRA GARDEN, S.V.ROAD, GOREGAON WEST, MUMBAI 400 062, 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	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A steering assist system adapted to steer a vehicle depending upon sensed parameters, said system comprising: plurality of sensing means placed around the exterior of said car; imaging means adapted to image a pathway through which said car is to be traversed, and further adapted to image the position of cars around, the position of obstacles; computational means with a predictive algorithm adapted to predict the best possible manoeuvres, based on pre-defined parameters, in relation to sensed data and imaged data so that said car may pass without any impediment; real-time movement tracking means adapted to track movements of auxiliary items around said car; and guiding means adapted to be connected to the drive of said car in order to guide said car based on data from said computational means and said real-time movement tracking means.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1985/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A TYRE PRESSURE BASED PREDICTION SYSTEM

(51) International classification	:B60C23/06, G01L17/00	(71) Name of Applicant : 1)MR.RAJESH GANGAR Address of Applicant :801 LILIJUM, MAHINDRA GARDEN, S.V.ROAD, GOREGAON WEST, MUMBAI 400 062, 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	(72) Name of Inventor : 1)MR.RAJESH GANGAR
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A tyre pressure based prediction system adapted to predict allowable safe travel, for a vehicle with a plurality of tyres, based on tyre pressure reading and sensed road condition, said system comprising: pressure monitoring and indicating means adapted to monitor and indicate tyre pressure of each of said tyres of said vehicle; sampling means adapted to sample road condition based on rate of change of tyre pressure on a pre-defined distance of stretch of road on which said vehicle is traveling; database means with input means adapted to store user-input or factory-input tyre pressure settings for each of said tyres; and computational engine adapted to compute a predicted travel distance based on said read tyre pressure readings from said tyre pressure monitoring and indicating means, said stored tyre pressure settings from said database means, and readings from said sampling means.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1986/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A PARKING ASSISTANCE SYSTEM OR PARKING MASTER

(51) International classification	:G07C5/00, G08G1/00, G08G1/14	(71) Name of Applicant : 1)MR.RAJESH GANGAR Address of Applicant :801,LILIJUM, MAHINDRA GARDEN, S.V.ROAD, GOREGAON WEST, MUMBAI 400 062 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR.RAJESH GANGAR
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automatic unmanned parking system comprising: parking slot defining means adapted to define a plurality of parking slots, said parking slot defining means including a plurality of placed sensing means adapted to define each of said parking slot; collating means adapted to collate information from each of said sensing means for a given pre-defined distance in relation to sensing of vehicles parked; computation means adapted to engage a parking based mathematical model which realises occupancy of parked vehicle; time-based calculation means adapted to calculate parking fees based on timed use of parking slot and predefined rate of parking charge and to provide calculated signal; readable secure database in each vehicle adapted to store value in relation to electronic money; and querying means adapted to query said readable secure database in order to receive said calculated signal for deducting said calculated sum as parking fees, in an automated cashless manner.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1988/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN IMPROVED DEVICE FOR FILLING SOLUBLE CONTAINERS

(51) International classification	:A61J3/07, B65D1/00, B67C3/00, B65D	(71) Name of Applicant : 1)RAJ VIKRAM TAHIL Address of Applicant :FLAT NO.1, TORPAC HOUSE, AMEYA PARK, BOISAR-NAVAPUR ROAD, BOISAR, DIST- THANE-401501, MAHARASHTRA India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAJ VIKRAM TAHIL
(33) Name of priority country	:NA	2)SANTOSH PURANSINGH BHAGAT
(86) International Application No Filing Date	:NA	3)AJAY VIRENDRA MISTRY
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved device for filling soluble containers comprising an assembly for orienting capsules, opening the cap of the capsules for rapid filling and reclosing the caps such that the assembly can be adapted to both hand-held and bench-top devices.

No. of Pages : 39 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1074/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HUB BEARING UNIT

(51) International classification	:F16C 13/00	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MR. MAHESH JOSHI
Filing Date	:NA	
(87) 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 embodiments herein provide a hub bearing assembly to match the tire load centre line with the centre line of a hub bearing unit to increase the life of the bearings. The assembly comprising a bearing unit pressed in the hub and bolted to the brake disc and then the whole assembly is inserted over an extended stub axle. To achieve matching of tire load centre line with bearing centre line the brake disc assembly is reversed as compared to the conventional design. According to present invention, the brake disc is assembled from inner side of the hub to provide space and to make the wheel end compact. According to present invention the needle roller bearing rows are equally loaded and intern the bearing will have optimum life during its working.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1075/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A DRILLING ADAPTOR FOR MILLING MACHINE

(51) International classification

:B23Q

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

(57) Abstract :

The various embodiments of the present invention provide a drilling adapter for milling machine. The drilling adapter comprises of an external taper, an internal taper, a tapped holes and a counter bored holes or clamping holes. The drilling adapter includes an ISO external taper which suits to milling machine spindle nose. The internal is a Morse taper which is suitable for Drills, reamers etc. the drilling adapter unit is clamped on the spindle of the milling machine by face mounting method. The pair of tapped holes is provided on the face of the adapter. These two tapped holes are used for removing adaptor from milling machine spindle after the drilling is over. These, tapped holes are of same sizes that are of clamping studs used for face clamping.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1085/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A SWITCHED INDUCTOR BANK

(51) International classification	:G05F 1/70	(71) Name of Applicant : 1)EPCOS INDIA PRIVATE LIMITED A GROUP COMPANY OF TDK-EPC CORPORATION Address of Applicant :PLOT NO.E22-25, MIDC,SATPUR, NASHIK - 422007, 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	(72) Name of Inventor : 1)RAGHAVAN VENKATESH
(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 :

A switched inductor bank operable in multiple switching combinations in an alternating current power supply is described. Multiple switching combinations are made possible increasing the resolution and range of values available with limited number of electrical elements.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1992/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : INPUT SHAFT OF STEERING SYSTEM FOR VEHICLE AND MANUFACTURING METHOD THEREOF

(51) International classification	:B21C23/14, B21J5/08, B21K1/06	(71) Name of Applicant : 1) DREAMTEC. INC. Address of Applicant : 134-11 Namseong-ri Sinchang-myeon Asan-si Chungcheongnam-do 336-882 Republic of Korea
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1) KIM HONG-KEUN
<input type="checkbox"/> (33) Name of priority country	:NA	
(86) International Application No Filing Date <input type="checkbox"/>	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to an input shaft of a steering system for a vehicle which is integrally formed by an upper shaft and a lower shaft, and a manufacturing method of the input shaft. A manufacturing method of an input shaft of a steering system for a vehicle, includes: reforming that integrally forms a portion that is formed for an upper shaft and a portion that is formed for a lower shaft by inserting a prepared material into a die and pressing and plastically deforming the material with a punch; pre-forming that pre-forms a portion where a connecting portion is formed at the upper portion of the upper shaft to be assembled to a steering wheel of a vehicle; extruding that forms the pre-formed portion into a shape of an approximate connecting portion;....

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1993/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMAGE SEARCHING AND MINING

(51) International classification	:G06F17/30	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PRASAD Ayush
(87) 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 subject matter discloses a system and a method for image searching to facilitate the user to determine reference products which are same or similar to a product of interest. In one implementation, the method of image searching comprises receiving an image from a client device and processing the received image for generation of one or more layers wherein each of the one or more layers includes one or more objects. The method further comprises detecting at least one logo on the generated one or more layers based on logo detection parameters and determining the extent of match between the one or more object and a reference product by comparing the one or more object with reference product associated with a brand identified by the detected logo based on object attributes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1981/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SELECTION BASED PURCHASING

(51) International classification	:G06Q20/00, G06Q30/00, G06Q30/02	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PRASAD Ayush
(33) Name of priority country	:NA	2)SINGH Aditi
(86) International Application No Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a system and a method for selection based purchasing to facilitate the user to make an informed choice of purchasing a product. In one embodiment, the method for selection based purchasing includes receiving an image from a mobile communication device and identifying at least one product to be one of same and similar to at least one object in the received image based on at least one object selection parameter. The method further includes retrieving details pertaining to the at least one product and presenting the retrieved details to the user for making a choice for purchasing the at least one product.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1982/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A SALE ACCREDITATION SYSTEM

(51) International classification	:G06Q10/00	(71) Name of Applicant : 1)MR.RAJESH GANGAR Address of Applicant :801,LILIJUM, MAHINDRA GARDEN, S.V.ROAD, GOREGAON WEST, MUMBAI 400 062, 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	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sale accreditation system comprising: first database of original item prices with tagged item details and shop details; second database of item condition with tagged item details and shop details; third database of discounted prices with tagged item details; fourth database of advertised discount of each of tagged item with tagged item details; selection means adapted to select parameters of a sale, said parameters being selected from a list of parameters consisting of original item price from said first database, item condition from a second database, discounted price from said third database, and advertised discount from said fourth database; and computational engine adapted to compute a score or a rating for accreditation of each of said sale for said shop based on each selection from said selection means.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1983/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A SHOCK ABSORBING SYSTEM FOR SEATS OF A VEHICLE

(51) International classification	:B60N2/427	(71) Name of Applicant : 1)MR.RAJESH GANGAR Address of Applicant :801 LILIJUM, MAHINDRA GARDEN, S.V.ROAD, GOREGAON WEST, MUMBAI 400 062, 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	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)MR..RAJESH GANGER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A shock absorbing system for seats of a vehicle, said mechanism comprising: seat dependent shock absorbing unit, characterised in that, each seat is equipped with a shock absorbing mechanism being placed underneath said seat. A seat for a vehicle with shock absorbing system for said seat, said mechanism comprising: seat dependent shock absorbing unit, characterised in that, each seat is equipped with a shock absorbing mechanism being placed underneath said seat; and anti-vibrational pads for said seat.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.1998/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD FOR PRIORITIZING SUBSCRIBER IDENTITY CARDS EQUIPPED IN A COMMUNICATIONS APPARATUS AND COMMUNICATIONS APPARATUSES UTILIZING THE SAME

(51) International classification	:G06K19/077	(71) Name of Applicant : 1)MEDIA TEK INC Address of Applicant :NO.1, DUSING RD.1ST.,SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU 300, TAIWAN,
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HSIAO-JU KUO
(87) International Publication No	: NA	2)SHUANG-AN CHOU
(61) Patent of Addition to Application Number	:NA	3)SHIH-HSIN CHIEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A communications apparatus is provided. A processor is coupled to multiple subscriber identity cards, a memory device and a radio transceiver module. The processor assigns a priority to each subscriber identity card according to profiles stored in the memory device, and determines a communication status of each subscriber identity card according to the assigned priorities. Each subscriber identity card camps on a cell via the radio transceiver module.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.1999/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TOOTHPASTE

(51) International classification	:A61K8/21
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HINDUSTAN UNILEVER LIMITED

Address of Applicant :HINDUSTAN UNILEVER HOUSE,
165-166 BACKBAY RECLAMATION,MUMBAI,400 020,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)CHANDRASEKARAN SEMBIAN

2)IYER , MEENAKSHI

(57) Abstract :

Toothpaste It has been found that toothpastes containing balance amounts of calcium based abrasive, copolymer of vinylmethylether and maleic acid and clay have significantly better stability even at elevated temperature. It has also been determined that the selected combination allows for complete removal of, or at least a significant reduction in thickening silica, with almost no adverse effect on rheology. Disclosed is a toothpaste composition comprising: (i) a calcium based abrasive; (ii) a copolymer of vinylmethyl ether and maleic acid; and, (iii) a clay, wherein ratio of the calcium based abrasive to said copolymer of vinylmethyl ether and maleic acid is at least 1:0.075 and ratio of said calcium based abrasive to said clay is at least 1:0.02.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1050/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ARC CHUTE ASSEMBLY FOR CIRCUIT BREAKER

(51) International classification	:H01H 9/34	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, P.O. BOX NO. 278, MUMBAI-400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)AMIT CHATURVEDI 2)KASIVISWANADHAM
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide an arc-chute assembly in a circuit interrupting device. The assembly comprising an arc chute, a plurality of de-ion plates arranged in the arc chute. Each de-ion plate has a preset design profile to split the arc into multiple series of arc and to enhance the arc voltage to reduce the arc quenching time. The preset design profile has a ladder like stepped construction profile where each step is classified as notch. The notches provide a high force on the arc such as to pull the arc towards the arc-chute faster and also to lead to a higher elongation of the arc

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1051/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : TRISTABLE COMPLIANT CIRCUIT BREAKER MECHANISM

(51) International classification	:H01H 3/30	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, P.O. BOX NO. 278, MUMBAI-400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RUPALI S PATIL
(87) International Publication No	: NA	2)SURAJ RAMCHANDANI
(61) Patent of Addition to Application Number	:NA	3)YOGESH N PATIL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a mechanism for trip free manually independent tristable circuit breaker. The unstable circuit breaker mechanism comprising a housing element, a fork element, a driveshaft element to connect circuit breaker contacts to the housing element, a lower link element, an upper link element, a latch element, a trip element and a spring arrangement. The charging of the spring arrangement beyond a dead centre position of the actuating mechanism flips the tristable circuit breaker such that the circuit breaker contacts attain at least one of the ON, OFF and TRIP position.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1061/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BLENDER WITH FOOD PROCESSOR CAPABILITIES

(51) International classification	:A47J 43/04	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, 6TH FLOOR DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VAIBHAV GANPULE
(87) 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 blender comprising a container (1) and a rotatable blade assembly (2) disposed within the container (1) wherein the inner surface (4) of the container and the blade assembly (2) within the container (1) being coated with a non-stick food grade coating (6).

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1081/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A SYSTEM FOR TV CHANNEL IDENTIFICATION FOR INSTANT RATING OF TV PROGRAM BY AUDIENCE & INSTANT OBTAINING OF TV CHANNEL RATING BY VIEWER

(51) International classification	:H04N 7/12	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT, MUMBAI-400021, 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	(72) Name of Inventor : 1)CHIRABRATA BHAUMIK 2)ARPAN PAL 3)AVIK GHOSE
(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 :

A system and method for instant rating of television broadcast. The present invention relates to a system and method that enables instant rating of television broadcast with internet as the medium of information flow between all sensor screens and viewers.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.2001/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PROCESS FOR PRODUCTION AND PURIFICATION OF CAPSULAR POLYSACCHARIDE FROM HAEMOPHILUS INFLUENZA TYPE B AND METHOD FOR PRODUCING A CONJUGATE VACCINE COMPOSITION USING SAID POLYSACCHARIDE.

(51) International classification	:A61K39/095, A61K39/102	(71) Name of Applicant : 1)BIOBRIDGE HEALTHCARE SOLUTIONS PVT LTD. Address of Applicant :13,RACHNA-BLOSSOM,JAGDISH NAGAR, AUNDH,PUNE 411 007 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KUMRAJ GANESH
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the production and purification of Capsular polysaccharide from Haemophilus influenza type b and more particularly to the method for producing a conjugate vaccine composition using said polysaccharide. Therefore the object of the present invention is to provide a process for the production and purification of Polyribosyrlribitol Phosphate (PRP) from Haemophilus influenza by treatment of seed inoculum and using it for large scale high yielding production of polysaccharide from Haemophilus influenza type b. Yet another object of the present invention is to provide a method for conjugation of Polyribosyrlribitol Phosphate (PRP) with carrier protein such as Tetanus Toxoid, Diphtheria toxoid, CRM protein etc for preparation of conjugate vaccine.

No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.1994/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITION COMPRISING EPROSARTAN MESYLATE

(51) International classification	:A61K31/4178, A61K9/14, A61K9/20	(71) Name of Applicant : 1)GLENMARK GENERICS LIMITED Address of Applicant :B/2,MAHALAXMI CHAMBERS, 22 BHULABHAI DESAI ROAD,MUMBAI- 400709,MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DHANORKAR , YASHWANT N
(33) Name of priority country	:NA	2)DAS , UTTAM KUMAR MADANMOHAN
(86) International Application No Filing Date	:NA	3)CHAKOLE , DINESH DAYARAMJI
(87) International Publication No	:N/A	4)MEHTA , KAMAL
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to a stable pharmaceutical composition comprising Eprosartan mesylate substantially in the anhydrous form and at-least one pharmaceutically acceptable carrier. It also provides a process of preparing the stable pharmaceutical composition comprising Eprosartan mesylate substantially in the anhydrous form by a non-aqueous granulation process.

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.2005/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A FINAL DRIVE HAVING A LUBRICATION SYSTEM

(51) International classification	:B60T11/10	(71) Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE,MOLINE, ILLINOIS,61265,USA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)TAMMO WAGNER 2)BRIAN DANIEL DURDIN 3)TOBIAS FIEDLER
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A final drive comprising a lubrication system is provided. The final drive comprises an axle housing and a differential housing. The differential housing is in alignment with the axle housing, and they share a longitudinal axis. The final drive further comprises a lubricant ring having a lubricant ring inner diameter. The lubricant ring travels about an inner surface of the axle housing. Further, the final drive has a longitudinal axis region, defined as the region formed by the lubricant ring inner diameter. The lubrication system comprises a lubrication inlet in fluid communication with a lubricant outlet. The lubrication inlet is disposed in the axle housing to capture a portion of the lubricant ring. The lubricant outlet is disposed in the differential housing to distribute the portion of the lubricant ring generally to the longitudinal axis region.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.2006/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICE FOR GENERATING STEAM

(51) International classification	:A47J27/16, F22B1/28, F22B27/04	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PRASAD Ayush
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The subject matter described herein relates to a device (100) for generating steam when positioned on a water body. According to an embodiment, the device (100) includes a base (102) comprising a floor (200). The floor (200) comprises a plurality of pores (204) for entry of water into the base (102) from the water body. A floatation body (106) is attached to the base (102) to provide buoyancy to the device (100). The device (100) further includes a transparent cover (104) disposed on the base (102). The transparent cover (104) directs solar radiations onto the water in the base (102) to generate steam.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.2008/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A GREEN CALC-COM FOR MATHEMATICAL CALCULATIONS

(51) International classification	:G09B19/02, G09B7/02	(71) Name of Applicant : 1)SINHGAD TECHNICAL EDUCATION SOCIETY Address of Applicant :19/15 SMT. KHILARE MARG OFF KARVE ROAD ERANDAWANE PUNE -411004 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VILAS DATTU NANDAVADEKAR
(87) International Publication No	:N/A	2)SUNIL KHILARI
(61) Patent of Addition to Application Number	:NA	3)ABIRESH ABRAHAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a green calculator capable of converting and using analogue data to digital for performing mathematical calculation with the help of speech recognition and basic calculator logic. The integrated calculating means comprises a digital screen, a microphone, a speech analyzer, processing chips for performing calculations and memory devices for storing the inputs and results. It has a processing chip with software having logical flow.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/07/2011

(21) Application No.2022/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DESIGNER CURATIVE LENSES

(51) International classification	:G02C7/02
(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	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHANDRASHEKHAR CHAWAN

Address of Applicant :108 FALCON COURT, HARI OM NAGAR, MULUND (E), MUMBAI 400081, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)CHANDRASHEKHAR CHAWAN

(57) Abstract :

Designer contact lens is disclosed, comprising a lens preferably scleral lens, made of oxygen permeable material; to be disposed preferably on the human eye, the lens comprising; (i) the optic zone spreading over the cornea, (if) the haptic zone spreading over the sclera; and (iii) the vault control zone; that binds and holds the optic zone at its one end and the haptic zone at the other ; and jewelry such as gold, silver or similar other metals and/or a set of precious stones such as diamonds etc. or any like objects which are fixed on the posterior side of such lens. Channels are engraved on the posterior side of the optical zone within the thickness of the lens to facilitate holding the jewelry within it in such a manner so as to not obstruct or alter the vision in any way. These lenses can be used for diagnostic and curative purposes also.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.2002/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PHARMACEUTICAL COMBINATION

(51) International classification	:A61K31/421, A61K31/422, A61K31/506	(71) Name of Applicant : 1)IPCA LABORATORIES LIMITED Address of Applicant :48,KANDIVLI INDUSTRIAL ESTATE, CHARKOP,KANDIVALI(WEST), MUMBAI-400 067, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PAREEK , ANIL
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a pharmaceutical combination comprising Hydroxychloroquine and a DPP-IV inhibitor or their pharmaceutically acceptable salts thereof, for preventing, slowing the progression of, delaying, improving, restoring, or treating a condition or a disease resulting from metabolic disorders.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.2004/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SOLAR ENERGY HARVESTING SYSTEM

(51) International classification	:E06B9/00, F24J2/06, H01L31/05	(71) Name of Applicant : 1)AKSHAY SANGHAVI Address of Applicant :B 1903,CHAITANYA TOWERS,PRABHADEVI,MUMBAI 400025, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)AKSHAY SANGHAVI
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 solar energy harvesting system for motive devices comprising an array of Photo-Voltaic cells (PV cells), a light source tracking mechanism for orienting each of the PV cells individually in alignment with the light source, and a heat management system for controlling the temperature of the array of PV cells. System delivers higher efficiency without increasing undue drag on the vehicle.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.2017/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A NEW PROCESS FOR PREPARATION OF (DL)-NOREPINEPHRINE ACID ADDITION SALT,A KEY INTERMEDIATE OF (R)-(-)-NOREPINEPHRINE.

(51) International classification	:A61K31/137, A61K31/343, A61K31/4525	(71) Name of Applicant : 1)NEON LABORATORIES LTD. Address of Applicant :DAMJI SHAMJI INDUSTRIAL COMPLEX, MAHAKALI CAVES ROAD, ANDHERI(EAST),MUMBAI-400093, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DALVI ,MAHESH BHAGOJI
(33) Name of priority country	:NA	2)KENNY ,RAJESH SHASHIKANT
(86) International Application No Filing Date	:NA :NA	3)KAWLE,GANESH RAMACHANDRA
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention discloses a process for preparation of (dl)-norepinephrine salt by reacting 3,4-dihydroxy-a-haloacetophenone with hexamethylenetetramine to provide hexamine salt; followed by hydrolysis and hydrogenation. The invention also discloses a novel intermediate formed in the process and its synthesis.

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.2018/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PROCESS FOR THE COPRODUCTION OF FORMIC ACID AND METHYL ACETATE FROM METHYL FORMATE.

(51) International classification	:C07C51/12	(71) Name of Applicant : 1)OZA ATULKUMAR BHANUSHANKAR Address of Applicant :STREET NO. 20, QUARTER NO.3, GNFC TOWNSHIP, NARMADANAGAR-392015, BHARUCH, GUJARAT, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)OZA ATULKUMAR BHANUSHANKAR
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the co-production of formic acid and methyl acetate. In the process methyl formate is reacted in presence of iridium catalyst, halogen promoter, acetic acid, water in amount of at most 6%wt and carbon monoxide. The advantage of the process is co-production of formic acid and methyl acetate from methyl formate in substantially anhydrous reaction condition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2011

(21) Application No.2034/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF CRYSTALLINE OLANZAPINE FORM II

(51) International classification	:A61K31/551, A61P25/18, C07D495/04	(71) Name of Applicant : 1)EMCURE PHARMACEUTICALS LIMITED Address of Applicant :EMCURE HOUSE,T-184,M.I.D.C., BHOSARI,PUNE-411026,MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)GURJAR MUKUND KESHAV
(33) Name of priority country	:NA	2)KALIAPERUMAL NEELAKANDAN
(86) International Application No Filing Date	:NA	3)AHIRRAO PRAVIN PRABHAKAR
(87) International Publication No	:N/A	4)BAIREDDY RAGHURAMI REDDY
(61) Patent of Addition to Application Number Filing Date	:NA	5)MEHTA SAMIT SATISH
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

An effective process for the preparation of crystalline olanzapine form II by using an organic solvent selected from nitro alkane, chlorinated hydrocarbons and alkyl carbonates or mixture thereof, in presence of a base, heating the mixture, optionally adding a second organic solvent and cooling to obtain crystalline olanzapine form II of desired purity.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2011

(21) Application No.2035/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A KNOCK DOWN KIT OF BIOGAS GENERATION

(51) International classification	:B09B3/00, C10J3/00, F22B3/02	(71) Name of Applicant : 1)KIRLOSKAR INTEGRATED TECHNOLOGIES LIMITED. Address of Applicant :13/A,KARVE ROAD,KOTHRUD,PUNE-411038. MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MATE NITANT VISHNU
(33) Name of priority country	:NA	2)GANU SHIRISH MADHAV
(86) International Application No Filing Date	:NA	3)GOKHALE SATISH MADHUKAR
(87) International Publication No	:N/A	4)PATIL AMOL SUDHAKAR
(61) Patent of Addition to Application Number Filing Date	:NA	5)N/A
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Portable domestic bio waste treatment bio gas plant comprises of a 'digester', a lower portion with feed and discharge facility for the degradable bio waste material, a gas collector being top portion having flow control means for regulating the flow of gas to be collected in a gas holder housed within it. The gas collector is movably placed over the digester and fixed in the middle of the digester with the help of guide frame. The gas holder is provided with gas flow control means to regulate the supply of gas flow for consumption. The digester is provided with an inlet pipe, for feeding the waste matter into the digester and an outlet pipe at the top for the digested slurry to come out. The gas collector is fixed in a center guide frame provided in the middle of the digester. The center guide frame is fixed in the middle of the digester with three lugs made of galvanized iron. The center guide frame is covered with fiber glass reinforced plastic to protect it from rust. The flow control means is the flow control valve to regulate the supply of gas which is stored in the gas collector.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.2010/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : REINFORCED ASSEMBLED PLASTIC PALLETS AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:B65D19/22, B65D19/38, B65D21/032	(71) Name of Applicant : 1)JANGIDA RAJIV Address of Applicant :12-ASHOKA,S.V.ROAD, OPP.DOMINOES PIZZA, SANTACRUZ(W) MUMBAI-400 054 Maharashtra India 2)MITTAL ROHIT
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)JANGIDA RAJIV
(33) Name of priority country	:NA	2)MITTAL ROHIT
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a load-bearing structure which includes a single base plate comprising a top surface; a bottom surface; a plurality of supporting feet spaced apart extending downwardly and connected integrally as one piece with the single base plate and; a plurality of channels extending along the bottom surface of the single base plate, wherein the plurality of channels are moulded integrally as one piece within the bottom surface of the single base plate and a plurality of reinforcements, wherein the plurality of channels receive the reinforcements.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/07/2011

(21) Application No.2027/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM AND METHOD OF CAPTURING USER'S WISH LISTS AND LIFESTYLE IN STRUCTURED FORMAT,ENABLING DISCOVER OF SIMILAR INTENTS WITHIN FRIENDS AND SOCIALLY CONNECTED USERS TO FACILITATE SELF-SERVICE GROUP BUYING

(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	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JADHAV PRAVIN

Address of Applicant :C-1,GANARAJ HEIGHTS,KOLBAD,
THANE(WEST),PIN-400601 Maharashtra India

2)CHAKRAVARTY SHAMEEK

(72)Name of Inventor :

1)JADHAV PRAVIN

2)CHAKRAVARTY SHAMEEK

(57) Abstract :

A method of capturing user's wish lists and lifestyle information in structured format to enable discovery of friends with similar purchase intents and lifestyle on a social platform. Structured wish list is created by prompting user to create a wish list of items to be purchased by selecting items from a predefined list of products and services placed under various categories and subcategories. Structured lifestyle repository is created by prompting user to create structured lifestyle repository by selecting data from a predefined list of categories based upon user's lifestyle activities, enabling user to discover likeminded people with similar lifestyle statements. A hyperlink is provided on the user interface which links to the friends with same wishlist items and lifestyle, enabling the user discover friends with same purchase intents and contact them for discussion on a particular item before making buying decision. User can initiate a group buy with friends, mutual friends, people in user's work place/organization or for users in their own location having same items in their wishlist or intention to purchase same products or services

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/09/2011

(21) Application No.2567/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : APPARATUSES AND METHODS FOR PROVIDING MULTI-STANDBY MODE OF WIRELESS COMMUNICATIONS USING SINGLE SUBSCRIBER IDENTITY CARD WITH MULTIPLE SUBSCRIBER NUMBERS

(51) International classification	:H04W 88/06, H04W 76/02	(71) Name of Applicant : 1)MEDIA TEK INC. Address of Applicant :NO.1,DUSING RD.1ST.,SCIENCE-BASED INDUSTRIAL PARK,HSIN-CHU 300,TAIWAN
(31) Priority Document No	:13/182,313	(72) Name of Inventor :
(32) Priority Date	:13/07/2011	1)CHIH-HUNG LEE
(33) Name of priority country	:U.S.A.	2)MIN-JU WU
(86) International Application No	:NA	3)NAI-HSIN CHANG
Filing Date	:NA	4)JEN-CHIEN LIU
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A communication device is provided with a processing unit. The processing unit reads a plurality of elementary files from a single subscriber identity card for each of a plurality of subscriber numbers when power-on, and registers to a network for each of the subscriber numbers according to the read elementary files. Also, the processing unit enables a multi-standby mode of wireless communications in response to successful registration to the network for at least two of the subscriber numbers.

No. of Pages : 94 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.530/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS&NBSP; BASED ON HIERARCHICAL CODED BLOCK PATTERN INFORMATION

(51) International classification	:H04N 7/24
(31) Priority Document No	:10-2009-0075337
(32) Priority Date	:14/08/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/005368
Filing Date	:13/08/2010
(87) International Publication No	:WO/2011/019249
(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 :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do Republic of Korea

(72)Name of Inventor :

1)CHEON Min-Su

2)JUNG Hae-Kyung

3)MIN Jung-Hye

4)KIM Il-Koo

(57) Abstract :

A method and apparatus for decoding video and a method and apparatus for encoding video are provided. The method for decoding video includes: receiving and parsing a bitstream of encoded video; and decoding encoded image data for maximum coding unit based on information regarding the coded depth of the maximum coding unit information regarding encoding mode and coding unit pattern information.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.2013/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PROCESS FOR PURIFYING DIACEREIN

(51) International classification	:C07C67/58, C07C67/60	(71) Name of Applicant : 1)GLENMARK GENERICS LIMITED Address of Applicant :GLENMARK HOUSE,HDO-CORPORATE BLDG, WING-A,B.D.SAWANT MARG,CHAKALA,ANDHERI(EAST), MUMBAI-400 099 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)MILIND GHARPURE
(61) Patent of Addition to Application Number Filing Date	:NA	2)DNYANDEV RANE
(62) Divisional to Application Number Filing Date	:NA	3)MANISH CHANDRAKANT SHUKLA
	:NA	4)PRAMOD VITTHAL PATIL
		5)GIRISH TILAKCHAND PATLE
		6)SACHIN MAHADEO LAD

(57) Abstract :

The present invention provides a process for purification of diacerein, compound of Formula I, the process comprising a. reacting diacerein, compound of Formula I with a silylating agent to form a compound of Formula II, silylated diacerein wherein R is alkyl; and b. deprotecting compound of Formula II, silylated diacerein in presence of a polar solvent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/07/2011

(21) Application No.2028/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF METFORMIN AND VITAMIN B12

(51) International classification	:A61K31/155, A61K31/714, A61P3/10 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :SARKHEJ - BAVLA N.H. NO.8A, MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210, GUJARAT, INDIA (72) Name of Inventor : 1)ROY SUNILENDU BHUSHAN 2)POTDAR ARTI 3)PAREKH KEYUR 4)KARIYA PIYUSH 5)RAGHUVANSHI VINOD
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(57) Abstract :

The present invention relates to pharmaceutical compositions of metformin and vitamin B12. In particular, the present invention relates to a single unit dosage form comprising metformin and vitamin B12. The pharmaceutical composition is particularly suitable for reducing metformin therapy induced vitamin B12 deficiency and simultaneously improving patient compliance to the dosage regimen. The invention also provides process of manufacturing said pharmaceutical compositions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/07/2011

(21) Application No.2029/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A MOUTH CLEANING DEVICE

(51) International classification	:A61B17/24	(71) Name of Applicant : 1)MAHESHKUMAR BHAVANBHAI PATEL Address of Applicant :5/5,SHREEJI APARTMENT,OPP AZAD SOCIETY, AMBAWADI,AHMEDABAD:380015 Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a mouth cleaning device, The mouth cleaning device comprises a handle to hold the device during cleaning the mouth. Plurality of bristle is provided at the cleaning end of the handle to clean the teeth Further according to an embodiment of this invention a channel is provided in the handle of the device such that to accommodate a strip therein provided to clean the tongue as and when required. Also a slot is provided in the handle to accommodate a guide stopper provided to guide movement of inner end of the strip in the channel.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2011

(21) Application No.2030/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN ORGANIZED ISOTROPIC DISPERSION

(51) International classification	:G02F1/13363	(71) Name of Applicant : 1)UNITED PHOSPHORUS LIMITED Address of Applicant :UNIPHOS HOUSE, MADHU PARK, 11TH ROAD, KHAR (WEST),MUMBAI-400 052, STATE OF MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SHROFF, JAIDEV RAJNIKANT 2)SHROFF , VIKRAM RAJNIKANT 3)SHIRSAT , RAJAN RAMAKANT
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an agrochemical isotropic mutual dispersion of a hydrophilic phase and a hydrophobic phase with at least one surfactant being disposed at the interface between said hydrophilic and hydrophobic phases, wherein said hydrophilic phase comprises a herbicidally effective amount of at least one water soluble herbicidal salt dissolved in a water miscible solvent and wherein said hydrophobic phase comprises a herbicidally effective amount of a water insoluble herbicide dissolved in a solvent system comprising a non-polar organic solvent. Also present are methods for preparation of such agrochemical isotropic mutual dispersion in accordance with the present invention.

No. of Pages : 40 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2010

(21) Application No.2592/MUM/2009 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : NOVEL INJECTABLE COMBINATION

(51) International classification	:C07H 19/10, C07D 23/20, A61K 38/00	(71) Name of Applicant : 1)BDR PHARMACEUTICALS INTERNATIONAL PVT. LTD. Address of Applicant :407-408, SHARDA CHAMBERS, NEW MARINE LINES, MUMBAI - 400020, MAHARASHTRA, INDIA. (72) Name of Inventor : 1)SHAH, DHARMESH MAHENDRABHAI 2)WADER, GURUPRASAD RAMCHANDRA 3)MEHTA, TRUSHIT PRAMODRAY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a stable injectable formulation comprising combination of Citicoline and Edaravone along with Cyclodextrin derivative, useful for the treatment of CNS disorders and ischemic strokes and further discloses a process of preparation of the said formulation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/02/2012

(21) Application No.546/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BLOW MOULDING MACHINE WITH A STERILE CHAMBER AND STERILE BLOWING AIR FEED

(51) International classification	:B29C 49/58	(71) Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRASSE 5, 93073 NEUTRABLING, GERMANY
(31) Priority Document No	:10 2011 013 120.5	(72) Name of Inventor : 1)FLORIAN GELTINGER 2)JOSEF KNOTT 3)EDUARD HANDSCHUH
(32) Priority Date	:04/03/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (1) for shaping preforms of plastic (10) to give containers of plastic (10a), with a plurality of shaping stations (8) which are arranged on a movable carrier (2), wherein the shaping stations (8) each have blowing moulds which serve to accommodate the preforms of plastic (10) and within which the preforms of plastic (10) can be shaped to give the containers of plastic (10a), and wherein the shaping stations (8) each have charging devices (52) which are movable relative to the preforms of plastic (10) and which charge the preforms of plastic (10) arranged in the blowing moulds with a flowable medium for expansion thereof, and wherein the shaping stations (8) each have a valve arrangement (56) which controls the feed of the flowable medium to the preforms of plastic (10), with a clean chamber (20) within which the shaping stations (8) are conveyed with the charging devices (52), wherein this clean chamber (20) is arranged against the surroundings by means of at least one wall (17, 18, 19). According to the invention, flow connections (60) for guiding the flowable medium are in each case provided between the valve arrangements (56) and the charging devices (52) and the valve arrangements (56) are arranged outside the clean chamber (20).

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.531/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICE AND METHOD FOR SURFACE PROCESSING HAVING A TEST STATION

(51) International classification	:B41F 17/20, B41F 33/02	(71) Name of Applicant : 1)BALL PACKAGING EUROPE GMBH Address of Applicant :Kaiserswerther Str. 115 40880 Ratingen GERMANY
(31) Priority Document No	:10 2009 028 228.9	
(32) Priority Date	:04/08/2010	
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/061369	1)NOLL Werner
Filing Date	:04/08/2010	2)KREUTZ Patrick
(87) International Publication No	:WO/2011/015608	
(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 a device for treating surfaces of objects with rounded cross sections and at least one partially electrically conductive outer wall comprising a plurality of treating stations; and a feed device including support devices for supporting objects to be treated wherein the feed device is configured to transport the objects supported by a respective support device in a timed sequence from one treating station to another treating station wherein one of the treating stations is a test station and includes a voltage source an electrode coupled with the voltage source and a processing unit

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.547/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS AND DEVICES FOR INTERWORKING OF WIRELESS WIDE AREA NETWORKS AND WIRELESS LOCAL AREA NETWORKS OR WIRELESS PERSONAL AREA NETWORKS□

(51) International classification	:H04L 12/56
(31) Priority Document No	:6□/697,504
(32) Priority Date	:07/07/2005
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2006/026308 :06/07/2006
(87) International Publication No	:WO/2007/008573
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:70/MUMNP/2008 :14/01/2008

(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)DRAVIDA Subrahmanyam**
- 2)WALTON Jay Rodney**
- 3)NANDA Sanjiv**
- 4)SURINENI Shravan K**

(57) Abstract :

Embodiments describe utilizing time-based information to improve communication in a wireless network. A method can include receiving beacon information from at least one access point and utilizing time-stamp information associated with the beacon information to determine whether to hand off communication with a second access point. According to other embodiments the method can further include detecting beacon quality is below a threshold level and transmitting a poor beacon quality message. Information relating to a plurality of alternate access points can be received in response to the transmitted poor beacon quality message.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.548/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SHARING FUNCTION OF EXTERNAL DEVICE THROUGH COMPLEX NETWORK□

(51) International classification	:H04W 92/18	(71) Name of Applicant :
(31) Priority Document No	:10-2009-0077874	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:21/08/2009	Address of Applicant :a Korean corporation of 416 Maetan-dong Yeongtong-gu Suwon-si Gyeonggi-do Republic of Korea
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:PCT/KR2010/005531	1)YU Seung-Dong
Filing Date	:20/08/2010	2)CHANG Woo-Yong
(87) International Publication No	:WO/2011/021885	3)PARK Se-Jun
(61) Patent of Addition to Application Number	:NA	4)MOON Min-Jeong
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of sharing a function of a device the method including detecting at least one device from among a plurality of devices through a first device connected to the plurality of devices through a plurality of networks wherein the detecting is performed by a second device in the plurality of devices; interworking the second device with a third device in the detected at least one device through the first device; and using by the second device a function of the third device through the first device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.549/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MONITORING MESSAGE STATUS IN AN ASYNCHRONOUS
MEDIATED COMMUNICATION SYSTEM

(51) International classification	:H04L 12/58
(31) Priority Document No	:12/551,520
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047298
Filing Date	:31/08/2010
(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 :**

1)QUALCOMM INCORPORATED

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5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)**Name of Inventor :**

1)KRISHNAMURTHI Govindarajan

2)SKOMRA Stewart A.

3)RAGHAVAN Srinivas

4)SCHOUGAARD Allan

5)SURI Deepa

(57) Abstract :

A system and method for mediating the routing of asynchronous messages includes routing the asynchronous message to a first recipient determining whether the first recipient opened the asynchronous message and re-routing the asynchronous message to a second recipient who is qualified to receive and respond to the message if the first recipient fails to open the message (i.e. read listen display act upon the message). In an embodiment the message is re-routed to the second recipient if the first recipient fails to open the message within a deadline automatically imposed by the system when the message is of a certain type. In an embodiment a mediator monitors if any recipient accepts responsibility for the asynchronous message and informs the other recipients that the asynchronous message may be deleted from their message queues.

No. of Pages : 88 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2011

(21) Application No.2036/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF N-PROPRAGYL 1-AMINO INDANE AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF.

(51) International classification	:A61K31/135, A61K31/44, A61K31/4402	(71) Name of Applicant : 1)ALKEM LABORATORIES LTD. Address of Applicant :DEVASHISH ,ALKEM HOUSE,SENAPATI BAPAT MARG, LOWER PARET,MUMBAI 400 013 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SANTOSH VITTHAL PUNE
(33) Name of priority country	:NA	2)PRASHANT PANDURANG PAWAR
(86) International Application No	:NA	3)DHARMESH KUMAR ARVINDBHAI PATEL
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a process for the preparation of N-propargyl 1-amino indane and pharmaceutically acceptable salts thereof by a process comprising a) providing a reaction mixture comprising N-propargyl-1-amino indane and/or a salt thereof, b) purifying N-propargyl-1 -amino indane free base exclusively by selective pH adjustment and selective extraction, c) optionally isolating N-propargyl-1-amino indane free base or converting insitu to its pharmaceutically acceptable salt thereof.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/08/2011

(21) Application No.2344/MUM/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR LONG RANGE AND SHORT RANGE DATA COMPRESSION

(51) International classification	:H04N 1/64	(71) Name of Applicant :
(31) Priority Document No	:13/180,969	1)Hughes Network Systems LLC
(32) Priority Date	:12/07/2011	Address of Applicant :11717 Exploration Lane Germantown
(33) Name of priority country	:U.S.A.	Maryland 20876 United States of America. U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BHASKAR Udaya
(87) International Publication No	: NA	2)SU Chi-Jiun
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method are provided for use with streaming blocks of data, each of the streaming blocks of data including a number bits of data. The system includes a first compressor and a second compressor. The first compressor can receive and store a number n blocks of the streaming blocks of data, can receive and store a block of data to be compressed of the streaming blocks of data, can compress consecutive bits within the block of data to be compressed based on the n blocks of the streaming blocks of data, can output a match descriptor and a literal segment. The match descriptor is based on the compressed consecutive bits. The literal segment is based on a remainder of the number of bits of the data to be compressed not including the consecutive bits. The second compressor can compress the literal segment and can output a compressed data block including the match descriptor and a compressed string of data based on the compressed literal segment.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.551/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SEAMLESS ALGINATE CAPSULES

(51) International classification	:A61K 9/48
(31) Priority Document No	:61/241,266
(32) Priority Date	:10/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047652
Filing Date	:02/09/2010
(87) International Publication No	:WO/2011/031617
(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)FMC Corporation

Address of Applicant :1735 Market Street Philadelphia Pennsylvania 19103 U.S.A.

(72)Name of Inventor :

1)GASEROD Olav

2)LARSEN Christian Klein

3)ANDERSEN Peder Oscar

(57) Abstract :

The present invention is directed to a dried seamless capsule comprising an alginate shell membrane encapsulating fill material wherein: (i) said alginate shell membrane comprises a polyvalent metal ion alginate having: (a) an average M content of from 50%-62% by weight based on the weight of the M and G content and (b) a viscosity of 35 to 80 cps when measured as a monovalent metal ion alginate in a 3.5% water solution at 20 C using a Brookfield LV viscometer at 60 rpm and spindle #1; (ii) said alginate shell membrane encapsulates an oil present in an amount of at least 50% by weight of said fill material;

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.552/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HISTAMINE H3 INVERSE AGONISTS AND ANTAGONISTS AND METHODS OF USE THEREOF

(51) International classification	:C07D 471/14
(31) Priority Document No	:61/241,840
(32) Priority Date	:11/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048199
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/031816
(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)SUNOVION PHARMACEUTICALS INC.

Address of Applicant :84 Waterford Drive Marlborough MA 01752 U.S.A.

(72)**Name of Inventor :**

1)CHYTIL Milan

2)ENGEL Sharon R.

3)FANG Qun Kevin

(57) Abstract :

Provided herein are fused imidazolyl compounds methods of synthesis and methods of use thereof. The compounds provided herein are useful for the treatment prevention and/or management of various disorders including e.g. neurological disorders and metabolic disorders. Compounds provided herein inhibit the activity of histamine H3 receptors and modulate the release of various neurotransmitters such as e.g. histamine acetylcholine norepinephrine and dopamine (e.g. at the synapse). Pharmaceutical compositions containing the compounds and their methods of use are also provided herein.

No. of Pages : 178 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.554/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE

(51) International classification	:G01N 33/53	(71) Name of Applicant :
(31) Priority Document No	:61/238,115 (US)	1)ASTUTE MEDICAL INC.
(32) Priority Date	:28/08/2009	Address of Applicant :Blg 2 R. 645 3550 General Atomics Court San Diego CA 92121 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/046910	1)ANDERBERG Joseph
Filing Date	:27/08/2010	2)GRAY Jeff
(87) International Publication No	:WO/2011/025917	3)MCPHERSON Paul
(61) Patent of Addition to Application Number	:NA	4)NAKAMURA Kevin;
Filing Date	:NA	5)KAMPF James Patrick
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to methods and compositions for monitoring diagnosis prognosis and determination of treatment regimens in subjects suffering from or suspected of having a renal injury. In particular the invention relates to using assays that detect one or more biomarkers selected from the group consisting of Tumor necrosis factor receptor superfamily member 10B Cadherin-16 Caspase-9 Bcl2 antagonist of cell death Caspase-1 Cadherin-1 Poly [ADP-ribose] polymerase 1 Cyclin-dependent kinase inhibitor 1 Cadherin-5 Myoglobin Apolipoprotein A-II Mucin-16 Carcinoembryonic antigen-related cell adhesion molecule 5 and Cellular tumor antigen p53 as diagnostic and prognostic biomarker assays in renal injuries.

No. of Pages : 181 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/03/2012

(21) Application No.562/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HISTAMINE H3 INVERSE AGONISTS AND ANTAGONISTS AND METHODS OF USE THEREOF

(51) International classification	:C07D 471/14
(31) Priority Document No	:61/241,840
(32) Priority Date	:11/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048201
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/031818
(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 :84 Waterford Drive Marlborough MA 01752 U.S.A.

(72)**Name of Inventor :**

1)CHYTIL Milan

2)ENGEL Sharon R.

3)FANG Qun Kevin

(57) Abstract :

Provided herein are fused imidazolyl compounds methods of synthesis and methods of use thereof. The compounds provided herein are useful for the treatment prevention and/or management of various disorders including e.g. neurological disorders and metabolic disorders. Compounds provided herein inhibit the activity of histamine H3 receptors and modulate the release of various neurotransmitters such as e.g. histamine acetylcholine norepinephrine and dopamine (e.g. at the synapse). Pharmaceutical compositions containing the compounds and their methods of use are also provided herein.

No. of Pages : 173 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/03/2012

(21) Application No.563/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : UTILITY SCALE ELECTRIC ENERGY STORAGE SYSTEM

(51) International classification	:H02J 3/32
(31) Priority Document No	:61/233,052
(32) Priority Date	:11/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044819
Filing Date	:08/08/2010
(87) International Publication No	:WO/2011/019624
(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)ADVANCED RAIL ENERGY STORAGE LLC

Address of Applicant :999 Third Avenue Suite 4400 Seattle
WA 9814 U.S.A.

(72)**Name of Inventor :**

1)William R. PEITZKE

2)Matthew B. BROWN

3)William L. ERDMAN

4)Robert T. SCOTT

5)William H. MOORHEAD

6)Douglas C. BLOODGETT

7)David I. SCOTT

(57) Abstract :

A potential energy storage system incorporating multiple track mounted shuttle units (22) having motor/generator (102) drive bogies (76) and structure (88 90) with an integral transfer mechanism (80 86 87) for removably carrying energy storage masses from a first lower elevation storage yard (12) to a second higher elevation storage yard (10) employing excess energy from the electrical grid driving the motors removing the masses in the second storage yard for energy storage retrieving the masses and returning the masses from the second storage yard to the first storage yard recovering electrical energy through the generators.

No. of Pages : 53 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.564/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DRAPING DEVICE

(51) International classification	:B65H 81/06	(71) Name of Applicant : 1)PREMIUM AEROTEC GMBH Address of Applicant :HAUNSTETTER STR. 225 86179 AUGSBURG GERMANY
(31) Priority Document No	2011012858.1-26	(72) Name of Inventor : 1)DIRK NIEFNECKER
(32) Priority Date	:02/03/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A draping device for draping two-dimensional textile semi-finished products, which device comprises a frustum for draping and a drive for driving the frustum. The draping device is used to deform a two-dimensional textile semi-finished product by means of the frustum when the frustum rotates about its axis of rotation and the semi-finished product is draped by the draping device. In this way, continuous or sequential draping is possible.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/03/2012

(21) Application No.564/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : YELLOW LIGHT AFTERGLOW MATERIAL AND PREPARATION METHOD THEREOF AS WELL AS LED ILLUMINATING DEVICE USING SAME

(51) International classification

:H01L 33/00

(31) Priority Document No

:200910307357.3

(CN)

(32) Priority Date

:21/09/2009

(33) Name of priority country

:China

(86) International Application No
Filing Date

:PCT/CN2009/074860
:09/11/2009

(87) International Publication No

:WO/2011/032328

(61) Patent of Addition to Application
Number

:NA
:NA

Filing Date

(62) Divisional to Application Number
Filing Date

:NA
:NA

(71)Name of Applicant :

1)SICHUAN SUNFOR LIGHT CO. LTD.

Address of Applicant :No.2 Xinda Road Hi-tec (West) Zone
Chengdu Sichuan 611731 P.R.CHINA

**2)CHANGCHUN INSTITUTE OF APPLIED
CHEMISTRY CHINESE ACADEMY OF SCIENCES**

(72)Name of Inventor :

1)ZHANG Hongjie

2)ZHANG Ming

3)LI Chengyu

4)ZHAO Kun

5)ZHANG Hao

(57) Abstract :

A yellow-light afterglow material a manufacturing method thereof and an LED luminescence device using the same are provided. The yellow-light afterglow material is comprised of $aY_2O_3 \cdot bAl_2O_3 \cdot cSiO_2 \cdot mCe \cdot nB \cdot xNa \cdot yP$ a b c m n x y are coefficients 1=a=2 2=b=3 0.001=c=1 0.0001=m=0.6 0.0001=n=0.5 0.0001=x=0.2 0.0001=y=0.5 in which Y Al Si are host elements Ce B Na P are activators. The manufacturing method is that according to the mol ratio the oxides of the elements or the substances which can produce the oxides when heated at high temperature are weighted as raw material then mixed uniformly and sintered at 12001700 at reducing atmosphere thereby the yellow-light afterglow material is obtained.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.532/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR COOLING A FINE GRAINED SOLID BULK WHILE EXCHANGING THE OPEN SPACE GAS CONTAINED THEREIN SIMULTANEOUSLY

(51) International classification	:F27D 15/02
(31) Priority Document No	:10 2009 036 119.7
(32) Priority Date	:05/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/004736
Filing Date	:03/08/2010
(87) International Publication No	:WO/2011/015339
(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)ThyssenKrupp Uhde GmbH

Address of Applicant :Friedrich-Uhde-Strasse 15 44141
Dortmund GERMANY

(72)Name of Inventor :

1)Stefan HAMEL

(57) Abstract :

The invention relates to a contrivance for the cooling of a solid matter from a coal gasification unit said contrivance consisting of a vessel with supply section cooling section and discharge section the inside of the cooling section being equipped with lines arranged obliquely with respect to the flow direction which are grouped in two types one type consisting of liquid-conducting lines and the other type of gas-conducting lines the liquid-conducting lines being closed towards the inside of the cooling section and serving for heat exchange and the other type consisting of gas-conducting lines which are permeable to gas towards the inside of the cooling section such that the solid matter which mainly consists of cooled slag

No. of Pages : 32 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2010

(21) Application No.534/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A DRUG DELIVERY SOLID DOSAGE FORMULATION OF SIROLIMUS

(51) International classification	:A61K 9/14	(71) Name of Applicant : 1)RPG LIFE SCIENCES LIMITED Address of Applicant :CEAT MAHAL,463, Dr ANNIE BESANT ROAD, WORLI,MUMBAI-400 030, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)CHAKRAVORTY,SAIBAL 2)JAIN,AMIT KUMAR
Filing Date	:NA	
(87) 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 relates to a drug delivery solid dosage formulation of Sirolimus having improved in-vitro dissolution and in-vivo bioavailability, wherein Sirolimus is surface treated with a complexing agent and wetting agent in dissolved state, and to its method for preparation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.541/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A METHOD OF DISTINGUISHING A CONTROL SOLUTION FROM A SAMPLE

(51) International classification	:G01N 27/49
(31) Priority Document No	:60/669, 729
(32) Priority Date	:08/04/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/012940
Filing Date	:07/04/2006
(87) International Publication No	:WO/2006/110504
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:
Filed on	:01/01/1900

(71)Name of Applicant :

1)BAYER HEALTHCARE LLC

Address of Applicant :555 WHITE PLAINS ROAD,
TARRYTOWN, NY 10591, U.S.A.

(72)Name of Inventor :

1)BEER GREG P.

2)WU HUAN-PING

(57) Abstract :

Testing of the performance of an electrochemical meter used to measure the presence of an analyte in a biological sample, particularly glucose in whole blood, includes introducing a control solution containing a predetermined amount of the analyte and a predetermined amount of an internal reference compound. The internal reference compound is selected such that it is oxidized at a potential greater than that used to oxidize the analyte, thereby making it possible to distinguish the control solution from a biological sample.

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.550/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : ANTACID AND LAXATIVE TABLET

(51) International classification	:A61K 9/00
(31) Priority Document No	:2009-206720
(32) Priority Date	:08/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/064066
Filing Date	:20/08/2010
(87) International Publication No	:WO/2011/030659
(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)KYOWA CHEMICAL INDUSTRY CO. LTD.

Address of Applicant :305 Yashimanishimachi Takamatsu-shi Kagawa 761-0113 Japan

(72)Name of Inventor :

1)KITAJIMA Hideaki

2)HORIE Shiro

3)KUBO Takaaki

4)KAWANABE Naruhito

5)ANABUKI Tomotaka

(57) Abstract :

A tablet which can sustain excellent disintegration properties (may be referred to as quick disintegration properties□ hereinafter) as a tableted product for a long time and has excellent shape-retention stability by the improvement of the strength of the tablet.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2012

(21) Application No.56/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SURGICAL INSTRUMENT

(51) International classification	:A61B 17/58
(31) Priority Document No	:102011000058.5
(32) Priority Date	:07/01/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Z-MEDICAL GMBH & CO. KG

Address of Applicant :GAENSAECKER 38, D-78532
TUTTLINGEN, GERMANY

(72)Name of Inventor :

1)ZBIGNIEW COMBRWOSKI

2)CHRISTEL PAROTH

3)ALEXANDER HENNINGER

(57) Abstract :

With a surgical instrument (1.1,1.2), with an implant, a grip part (2.1,2.1), and a pre-set breaking point (4, 5, 6, 7), which connects the implant and the grip (2.1, 2.2), the implant shall be a joining profile (3.1, 3.2).

No. of Pages : 52 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2012

(21) Application No.576/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : BEVERAGE COMPRISING REBAUDIOSIDE D AND ONE OR MORE ACIDS□

(51) International classification	:A23F 3/16
(31) Priority Document No	:11/686,120
(32) Priority Date	:14/03/2007
(33) Name of priority country	:U.S□A.
(86) International Application No	:PCT/US2008/056790
Filing Date	:13/03/2008
(87) International Publication No	:WO/2008/112852
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2774/MUMNP/2008
Filed on	:29/12/2008

(71)Name of Applicant :

1)THE CONCENTRATE MANUFACTURING COMPANY OF IRELAND

Address of Applicant :Williams House 20 Reid Street Hamilton HM 11 Bermuda Ireland

(72)Name of Inventor :

- 1)LEE Thomas**
- 2)CHANG Pei K.**
- 3)CHEN Hang**
- 4)ZANIEWSKI Todd A.**

(57) Abstract :

A beverage product comprising at least a sweetening amount of rebaudioside D and at least one acid wherein the beverage has a titratable acidity of no less than 8.75 and a titratable acidity of no greater than 11 and wherein the beverage has a pH no less than 2.8 and a pH no greater than 3.3.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/03/2012

(21) Application No.557/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DUAL CLUTCH ASSEMBLY FOR A TRANSMISSION HAVING TWO INPUT SHAFTS

(51) International classification	:F16D 13/38, F16D 21/06	(71)Name of Applicant : 1)GETRAG FORD Transmissions GmbH Address of Applicant :Scarletallee 2 50735 Kln GERMANY
(31) Priority Document No	:10 2009 039 223.8 DE	2)GETRAG Getriebe- und Zahnradfabrik Hermann Hagenmeyer GmbH & Cie KG
(32) Priority Date	:28/08/2009	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)ABSENGER Marc
(86) International Application No	:PCT/EP2010/005309	2)LAUSCHER Friedel
Filing Date	:30/08/2010	3)DOELLING Matthias
(87) International Publication No	:WO/2011/023407	4)HEGERATH Andreas
(61) Patent of Addition to Application Number	:NA	5)GREMPLINI Hansi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a dual clutch assembly for a transmission comprising a first input shaft and a second input shaft. The dual clutch assembly is provided with: - a clutch housing that can be connected in a rotationally fixed manner to a drive - a first friction clutch which transmits torque between the clutch housing and the first input shaft when acted on by a pressure force; - a second friction clutch which transmits torque between the clutch housing and the second input shaft when acted on by a pressure force wherein the first friction clutch and the second friction clutch are arranged in the radial direction in a nested manner; - a first actuating unit comprising a piston that can be axially displaced and rotates with the clutch housing which piston exerts a pressure force on the first friction clutch when the first actuating unit is actuated;

No. of Pages : 39 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/03/2012

(21) Application No.565/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : SYSTEMS&NBSP; METHODS&NBSP; APPARATUS&NBSP; AND COMPUTER-READABLE MEDIA FOR DEREVERBERATION O□ MULTICHANNEL SIGNAL□

(51) International classification	:G10L 21/02
(31) Priority Document No	:61/240,301
(32) Priority Date	:07/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048026
Filing Date	:07/09/2010
(87) International Publication No	:WO/2011/029103
(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)VISSER Erik

(57) Abstract :

Systems methods apparatus and computer-readable media for dereverberation of a multimicrophone signal combine use of a directionally selective processing operation (e.g. beamforming) with an inverse filter trained on a separated reverberation estimate that is obtained using a decorrelation operation (e.g. a blind source separation operation).

No. of Pages : 67 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2012

(21) Application No.573/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR TRANSMITTING DOWNLINK INFORMATION IN MULTI-CARRIER AGGREGATION SYSTEM

(51) International classification	:H04W 16/00
(31) Priority Document No	:200910090846.8
(32) Priority Date	:10/08/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/075837
Filing Date	:19/04/2011
(87) International Publication No	:WO/2011/018024
(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)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY

Address of Applicant :NO.40 XUEYUAN ROAD, HAIDIAN DISTRICT, BEIJING 100191, P.R.CHINA

(72)**Name of Inventor :**

1)ZHU YAJUN

2)PAN XUEMING

3)ZHAO RUI

4)XIAO GUOJUN

5)SHEN ZUKANG

(57) Abstract :

A method and a device for transmitting downlink information in a multi-carrier aggregation system are provided. The Method includes: a base station side sends a downlink subframe to a terminal side, wherein, the physical downlink control channel (PDCCH) in the downlink subframe is used for bearing the downlink control indicating information and the carrier scheduling indicating information corresponding to each downlink control indicating information. It solves the problem that the terminal side can not clearly identify the downlink control information (DCI) of different carriers, which is caused by that the length of DCI may be same due to the difference of the bandwidths of carriers in the carrier aggregation system.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.584/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO IN CONSIDERATION OF SCANNING ORDER OF CODING UNITS HAVING HIERARCHICAL STRUCTURE&NBSP; AND METHOD AND APPARATUS FOR DECODING VIDEO IN CONSIDERATION OF SCANNING ORDER OF CODING UNITS HAVING HIERARCHICAL STRUCTURE□

(51) International classification	:H04N 7/24
(31) Priority Document No	:10-2009-0075432
(32) Priority Date	:14/08/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/005373
Filing Date	:16/08/2010
(87) International Publication No	:WO/2011/019253
(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 :416 Maetan-dong Yeongtong-gu
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(72)**Name of Inventor :**

1)JUNG Hae-Kyung

2)CHEON Min-Su

3)MIN Jung-Hye

4)KIM Il-Koo

(57) Abstract :

A method and apparatus for decoding a video and a method and apparatus for encoding a video are provided. The method for decoding the video includes: receiving and parsing a bitstream of an encoded video; and decoding encoded image data for maximum coding unit based on information about coded depth and encoding mode for the maximum coding unit in consideration of a raster scanning order for the maximum coding unit and a zigzag scanning order for coding units of the maximum coding unit according to depths.

No. of Pages : 66 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2012

(21) Application No.577/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MONOCLONAL ANTIBODIES FOR PBP2-A PROTEIN AND HOMOLOGOUS SEQUENCES FOR TREATMENT OF INFECTIONS AND IMMUNODIAGNOSIS ON BACTERIA FROM PHYLUM FIRMICUTES

(51) International classification	:C07K 16/12, A61K 39/40	(71) Name of Applicant : 1)Fundação Oswaldo Cruz Address of Applicant :Avenida Brasil 4365 Manguinhos 21045-900 Rio de Janeiro RJ Brazil
(31) Priority Document No	:PI 0914508-7	
(32) Priority Date	:10/08/2009	
(33) Name of priority country	:Brazil	
(86) International Application No Filing Date	:PCT/BR2010/000263 :10/08/2010	(72) Name of Inventor : 1)José Procópio Moreno SENNA 2)João Luiz Sampaio QUEIROZ 3)Nadia Maria BATOREU 4)Maria da Glória Martins TEIXEIRA
(87) International Publication No	:WO/2011/017791	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The current invention refers to monoclonal antibodies able to recognize and bind to PBP2a protein and other proteins presenting sequences homologous to PBP2a including the pathogens methicillin-resistant *Staphylococcus aureus* - MRSA coagulase-negative *Staphylococcus* *Staphylococcus sciuri* *Enterococcus* spp. and any other bacterium possessing PBP2a or sequences homologous to this protein. The invention still refers to the use of monoclonal antibodies able to recognize and bind to PBP2a protein and other proteins presenting sequences homologous to PBP2a in a complementary immunodiagnosis for detection of resistance to beta-lactams.

No. of Pages : 58 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.586/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A TRANSPORTATION METHOD FOR A WIND TURBINE BLADE

(51) International classification	:F03D 1/00	(71) Name of Applicant : 1)Envision Energy (Denmark) ApS Address of Applicant :Torvet 11 2 8600 Silkeborg Denmark
(31) Priority Document No	:PA 2011 70118	(72) Name of Inventor : 1)Anders Varming Rebsdorf
(32) Priority Date	:11/03/2011	
(33) Name of priority country	:Denmark	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 method of transporting a wind turbine blade is described, wherein the blade comprises an inner extender section and an outer blade section. The inner extender section is approximately half the length of the outer blade section, and the method comprises securing a pair of inner extender sections together to form an extender transport section, which can be more easily transported as it is approximately the same length as an outer blade section.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/03/2012

(21) Application No.593/MUM/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HYBRID FAN COOLING TOWER DESIGN.

(51) International classification	:F28C 1/14
(31) Priority Document No	:13/042,094
(32) Priority Date	:07/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SPX COOLING TECHNOLOGIES, INC.

Address of Applicant :7401, WEST 129TH STREET,
OVERLAND PARK, KANSAS, 66213, U.S.A.

(72)Name of Inventor :

1)MR. HELMUT SCHREIBER

(57) Abstract :

A cooling tower apparatus that extends along a vertical axis is provided. The cooling tower includes a first housing structure having an inlet and a first outlet located a first position along the vertical axis, wherein the housing structure includes a base and opposing side walls that extend along the vertical axis away from the base. The tower also includes a heat exchanger disposed in the housing structure, wherein the heat exchanger is positioned adjacent the first outlet and extends at least partially all the way across the first outlet. Finally the hybrid tower employs an air current generator positioned in a plane normal to the vertical axis and oriented to direct an air stream toward the base and through the heat exchanger and the first outlet.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.553/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : HIGH STRENGTH SEAMLESS ALGINATE CAPSULES

(51) International classification	:A61K 9/48
(31) Priority Document No	:61/241,266
(32) Priority Date	:10/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047662
Filing Date	:02/09/2010
(87) International Publication No	:WO/2011/031621
(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)FMC Corporation

Address of Applicant :1735 Market Street Philadelphia Pennsylvania 19103 U.S.A.

(72)**Name of Inventor :**

1)GASEROD Olav

2)LARSEN Christian Klein

3)ANDERSEN Peder Oscar

(57) Abstract :

The invention is directed to a seamless alginate capsule having a film encapsulating a fill material in which the film comprises alginate noncrystallizing plasticizer and glycerol and in which a ratio by weight of noncrystallizing plasticizer to glycerol in the film is between about 1 :1 and about 8:1. The invention is also directed to a method of making the seamless alginate capsules and to capsules made by the method. The capsules have excellent breaking strength and are resistant to oxidation of the fill material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/03/2012

(21) Application No.560/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : DEVICE MOVEMENT USER INTERFACE GESTURES FOR FILE SHARING FUNCTIONALITY□

(51) International classification	:G06F 17/30
(31) Priority Document No	:61/248,249
(32) Priority Date	:02/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050747
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/041434
(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)FORUTANPOUR Babak

2)GOODING Ted

3)BEDNAR David

(57) Abstract :

Methods and devices provide a gesture activated file sharing functionality enabling users to share files with other nearby computing devices. The file sharing functionality may include establishing wireless links with nearby devices and determine their relative locations. The computing device may detect a file sharing motion of the computing device from accelerometers and transmit files to or request files from a nearby device in response. Base on motion parameters e.g. direction speed and/or shape the computing device may identify a targeted device to which a file may be transmitted or from which a file may be requested. The computing device may request user verification of the identified device and send a request to transmit files to the targeted device. The computing devices may transmit files using networks and addresses provided over the device-to-device communication links.

No. of Pages : 86 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/03/2012

(21) Application No.561/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : COMPOSITION&NBSP; METHOD AND SYSTEM FOR BALANCING A ROTARY SYSTEM

(51) International classification	:B60C 19/00, C08L 27/00	(71) Name of Applicant : 1)Lars Bertil CARNEHAMMAR Address of Applicant :Sonnenbergstrasse 126 CH-8032 Zürich Switzerland
(31) Priority Document No	:10 2009 049 029.9	
(32) Priority Date	:10/10/2009	
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/065125	1)RONLAN Alvin
Filing Date	:08/10/2010	
(87) International Publication No	:WO/2011/042549	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A composition for balancing a rotary system comprising an amount of a thixotropic balancing substance; characterized by an amount of hydrophobic particles distributed in said amount of said thixotropic balancing substance. A corresponding method and system

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.582/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : MEDICINAL BIOSECURITY AUTO DISPOSABLE SYRINGE

(51) International classification	:A61M 5/50
(31) Priority Document No	:U 200930368
(32) Priority Date	:13/08/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/070401
Filing Date	:16/06/2010
(87) International Publication No	:WO/2011/018539
(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)POVEDA ESTEPA Luis Enrique

Address of Applicant :C/ Gran Va 67 - Oficina 629 E-28013
Madrid Spain

(72)Name of Inventor :

1)POVEDA ESTEPA Luis Enrique

(57) Abstract :

The present invention relates to a security syringe comprising a hollow cylinder (1) with a pair of wings (11) and a tip (12) which houses: the injection mechanism (3) a piston (2) and an injection mechanism (3) with a needle (31) a spring (32) and a membrane (33). The piston (2) has a serrated crown in the lower part (21) thereof where a chamber seal exists (22) and breaks only with the interior point of the needle (31) having the ends of the piston (2) of an inferior disk (24) and a superior disk (25) that steadies the piston (2) inside the cylinder (1). Around the cylinder (1) there is a protective funnel (13) against accidental injections. The piston comprises a cap (26) which guarantees the hermeticity of the empty chamber.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/02/2010

(21) Application No.57/MUM/2010 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A NOVEL CREAM AND A PROCESS TO MAKE THE SAME.

(51) International classification	:A61K 47/36, A61K 8/06	(71) Name of Applicant : 1)SULUR,SUBRAMANIAM VANANGAMUDI Address of Applicant :NO:29,VGP LAYOUT, 4TH ROAD,INJAMBAKKAM, CHENNAI-600 041, TAMIL NADU STATE, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SULUR,SUBRAMANIAM VANANGAMUDI
(33) Name of priority country	:NA	2)SRINIVASAN,MADHAVAN
(86) International Application No	:NA	3)CHULLIEL,NEELAKANDAN NARAYANAN
Filing Date	:NA	4)BALAKRISHNAN SELVARAJ
(87) 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 discloses a pharmaceutical cream containing Clobetasone Butyrate as a corticosteroid, an antifungal agent in the form of Miconazole Nitrate and an antibacterial agent in the form of Fusidic acid, which Fusidic acid is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic acid under oxygen-free environment. The cream of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic acid. The cream of the present invention contains Fusidic acid as the API that has been formed in situ from Sodium Fusidate, Clobetasone Butyrate and Miconazole Nitrate, in a cream base comprising a preservative, an acid, a co-solvent, emulsifiers and a waxy material along with water, preferably purified water.

No. of Pages : 96 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2012

(21) Application No.578/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : METHODS AND COMPOSITION FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE

(51) International classification	:G01N 33/50, C12Q 1/00	(71) Name of Applicant : 1)ASTUTE MEDICAL INC. Address of Applicant :Blg 2 R. 645 3550 General Atomics Court San Diego CA 92121 U.S.A.
(31) Priority Document No	:61/243,995	
(32) Priority Date	:18/09/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/049234 :17/09/2010	(72) Name of Inventor : 1)ANDERBERG Joseph 2)GRAY Jeff 3)MCPHERSON Paul 4)NAKAMURA Kevin 5)KAMPF James Patrick
(87) International Publication No	:WO/2011/035097	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to methods and compositions for monitoring diagnosis prognosis and determination of treatment regimens in subjects suffering from or suspected of having a renal injury. In particular the invention relates to using assays that detect one or more biomarkers selected from the group consisting of Immunoglobulin A Metalloproteinase inhibitor 4 and Thrombomodulin as diagnostic and prognostic biomarker assays in renal injuries.

No. of Pages : 100 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2012

(21) Application No.579/MUMNP/2012 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : IMMOBILIZATION OF PSICOSE-EPIMERASE AND A METHOD OF PRODUCING D-PSICOSE USING THE SAME

(51) International classification	:C12P 19/20, C12N 1/20
(31) Priority Document No	:10-2009-0092784
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2010/005902 :01/09/2010
(87) International Publication No	:WO/2011/040708
(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)CJ CHEILJEDANG CORPORATION

Address of Applicant :500 Namdaemunro 5-ga Jung-gu
Seoul 100-749 Republic of Korea

(72)Name of Inventor :

1)HONG Young Ho

2)KIM Jin Ha

3)KIM Sung Bo

4)KIM Jung Hoon

5)LEE Young Mi

6)PARK Seung Won

(57) Abstract :

The present invention relates to a method of successively producing D-psicose from D-fructose or D-glucose by using a psicose-epimerase derived from Agrobacterium tumefaciens which is expressed in a food safety form.

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.934/KOL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR CALIBRATING MEDICAL IMAGES

(51) International classification	:A61B6/00	(71) Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2 80333 MUNCHEN GERMANY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)KARTHIK KRISHNASAMY
Filing Date	:NA	
(87) 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 method for calibrating medical images is presented. The method includes acquiring (102) a plurality of images of an object from several spatial locations about an axis of rotation passing through a center of the object, selecting (104) a first point (122) and a second point (123) on a first image (120) of the plurality of images, calculating (106) a pixel distance between the first point (122) and the second point (123) on the first image (120), calculating (108) a calibration factor by comparing the pixel distance and a real distance between points in the object corresponding to the first point and a second point, marking (110) the first point or the second point in a new image of the plurality of images, and calculating (112) a new calibration factor from the new image for mapping a three dimensional distance into a two dimensional image.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.935/KOL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A PORTABLE METAL TUBE HOLDING AND BENDING DEVICE AND A PROCESS FOR INCREMENTAL BENDING OF THE METAL TUBE

(51) International classification	:B21D7/02	(71) Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :AT REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJ BLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 a portable metal tube holding and bending device for incremental bending of metal tubes comprising a base plate (1) holding a powered cylinder (3) and a bending - cum - follower jaw (2, 5) in position for performing the bending operation; a clamping jaw (7) including a clamping pad (8) for gripping a straight portion of the tube (10); an actuation cylinder (3) on activation allows movement of the follower jaw (5); a shaft (6) with a holder (4) transmits a desired stroke given by the cylinder (3) to the follower jaw (5), a lock pin (9) retaining the former with the tube (10) in the operating position; the follower jaw (5) when further actuated by the power cylinder (3) wrapping the clamped tube (10) over the bending former (2) to achieve incremental bending; and a control means incorporated in the powered cylinder (3) in association with the locking pin (9) monitors and control the start/stop of the bending device.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.951/KOL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : A METHOD TO IMPROVE MEAN SIZE OF COKE FOR STAMP CHARGE BATTERY

(51) International classification	:H01M10/052
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: 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)TATA STEEL LIMITED

Address of Applicant :RESEARCH AND DEVELOPMENT
DIVISION, JAMSHEDPUR-831001 Jharkhand India

(72)**Name of Inventor :**

1)MS. DEBJANI NAG

2)MR. BIDYUT DAS

3)DR. PRADIP KUMAR BANERJEE

4)MR. SUJIT KUMAR HALDAR

(57) Abstract :

The present invention is provided with a method for improvement of mean size of coke for stamp charging battery. It comprises the steps of preparing a coal blend by 45% medium coking coal, 15% prime coal and rest are semi soft and other and adding pyroxenite to the blend as additive. The blend is crushed to a fineness of 90% below 3.2 mm size and water is added to coal blend to obtain the desired value of moisture content for making a coal cake. The coal cake is then placed inside a cardboard box and charged in carbolite oven at a temperature of $900 \pm 5^\circ\text{C}$. After 5 hours the coal cake is pushed and quenched in water. After drying the coke for 24 hrs the sample is subjected to 5 kg micum drum for 100 revolutions. The stabilized coke is then screened through 80, 50, 30, and 10 mm square hole screen, from the data mean size is calculated.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2011

(21) Application No.936/KOL/2011 A

(43) Publication Date : 18/01/2013

(54) Title of the invention : AN IMPROVED FIRE RESISTANCE POLYURETHANE FOAM AND PROCESS FOR PREPARING THE SAME

(51) International classification	:C08G18/10	(71) Name of Applicant : 1)PARACOAT PRODUCTS LTD. Address of Applicant :32A, C.R. AVENUE, TRUST HOUSE, 4TH FLOOR, KOLKATA-700012, WEST BENGAL, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)DEBASISH CHATTERJEE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

An improved fire resistance polyurethane foam (herein after referred to as PUF) which comprises:- combination of polyol, FFU2 and isocyanate by mixing FFU2 with polyol in a controlled parts by weight under constant slow speed and controlled temperature with isocyanated TDI or MDI under controlled temperature and process for preparing the same which comprises preparing combination of polyol, FFU2 and isocyanate by mixing FFU2 with polyol in a controlled parts by weight under constant slow speed and controlled temperature with isocyanated TDI or MDI under controlled temperature.

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

**PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENT (CHENNAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
234587	Shri. ABDUL RAZAK	TWO IN ONE COOKING VESSEL WITH FILTER AND VALVE	12/06/2012	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.

Ser ial Nu mber	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	197607	IN/PCT/2000/00129 /DEL	17/02/1999	18/02/1998	PROCESS FOR THE OBTAINING OF HMG-COA REDUCTASE INHIBITORS OF HIGH PURITY.	LEK PHARMACEUTICALS & CHEMICALS CO. D.D.	20/05/2005	DELHI
2	197607	IN/PCT/2000/129/D EL	18/02/1998	18/02/1998	PROCESS FOR THE OBTAINING OF HMG-COA REDUCTASE INHIBITORS OF HIGH PURITY	LEK PHARMACEUTICALS-3 D.D. A COMPANY INCORPORATED UNDER THE LAWS OF SLOVENIA	20/05/2005	DELHI
3	254974	3492/DELNP/2006	06/01/2005	09/01/2004	PROCESS TO PRODUCE A COMPOSITION CONTAINING 5'-RIBONUCLEOTIDES	DSM IP ASSETS B.V.	31/08/2007	DELHI
4	254975	1601/DELNP/2004	24/01/2003	24/01/2002	A FLUID SUPPLY ARRANGEMENT FOR A ROLLING-TRACTION CONTINUOUSLY-VARIABLE RATIO TRANSMISSION UNIT	TOROTRAK (DEVELOPMENT) LTD.	16/03/2007	DELHI
5	254983	8663/DELNP/2007	10/04/2006	08/04/2005	SYSTEM FOR PRODUCING SYNTHETIC PROMOTERS	PROMOGEN INC.	27/06/2008	DELHI
6	254984	2607/DEL/2006	05/12/2006		PROCESS OF EXTRACTING ANTI WHITE SPOT SYNDROME VIRUS MOLECULES FROM MANGROVE PLANTS	DEPARTMENT OF BIOTECHNOLOGY, COC HIN UNIVERSITY OF SCIENCE & TECHNOLOGY	05/09/2008	DELHI
7	254990	7013/DELNP/2007	27/03/2006	26/04/2005	A METHOD FOR MAKING A CATALYST PRECURSOR WITH AN ENHANCED HYDROTHERMAL STABILITY	CONOCOPHILLIPS COMPANY	05/10/2007	DELHI
8	254995	1497/DELNP/2007	05/06/2003	05/06/2002	AGENT FOR THE PREPARATION OF A MEDICAMENT FOR TREATING OR PREVENTING COELIAC DISEASE	ISIS INNOVATION LIMITED	03/08/2007	DELHI

9	254997	267/DEL/2003	10/03/2003		A PROCESS FOR THE PREPARATION OF A RAPIDLY DISINTEGRATING BIOADHESIVE PHARMACEUTICAL COMPOSITION	NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER)	31/07/2009	DELHI
10	254998	5591/DELNP/2006	25/03/2005	26/03/2004	PROCESS FOR PREPARING A POLYMER RESIN OR BLEND AND MIXTURE COMPRISING POLYMERIC MATERIALS	UNIVERSITY OF ALABAMA	24/08/2007	DELHI
11	254999	794/DEL/2006	22/03/2006	19/04/2005	A METHOD FOR THE MANUFACTURE OF A FOAMED SHAPED POLYMER PART FROM A LIQUID SILICONE RUBBER (LSR) MOLDING COMPOSITION	SULZER CHEMTECH AG	10/08/2007	DELHI
12	255000	2170/DELNP/2003	20/04/2000	22/04/1999	A METHOD FOR PRODUCING PHARMACEUTICAL FORMULATIONS OR PRECURSORS THEREOF	EURO-CELTIQUE S.A.,	06/01/2012	DELHI
13	255001	1801/DELNP/2004	24/12/2002	12/01/2002	PROCESS FOR PREPARING SCOPINE ESTERS	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG.	30/03/2007	DELHI
14	255003	3855/DELNP/2008	25/10/2006	26/10/2005	AN AQUEOUS MIXTURE CURABLE PHYSICALLY, THERMALLY OR BOTH THERMALLY AND WITH ACTINIC RADIATION	BASF COATINGS GMBH.,	29/08/2008	DELHI
15	255007	628/DEL/2008	12/03/2008 16:58:11		PROCESS FOR ALKYLATION OF AROMATIC WITH AN OLEFIN USING UMPURE AROMATIC RECYCLE	UOP LLC	18/09/2009	DELHI
16	255015	6889/DELNP/2006	09/01/2001	31/01/2000	TUNED SEALING MATERIAL AND SEALING METHOD	CANDESCENT INTELLECTUAL PROPERTY SERVICES INC.	31/08/2007	DELHI
17	255022	1688/DEL/2006	24/07/2006		PROCESS FOR PRODUCING 10-OXO-10,11-DIHYDRO-5H-DIBEMZ[B,F]AZEPINE-5-CARBOXAMIDE	JUBILANT ORGANOSYS LIMITED	29/08/2008	DELHI
18	255023	358/DEL/2006	07/02/2006		BIOCIDAL COMPOSITION AND THE PREPARATION THEREOF	INDIAN COUNCIL OF MEDICAL RESEARCH	31/08/2007	DELHI

19	255025	7511/DELNP/2006	22/06/2005	22/06/2004	A WATER RETENTION COMPOSITION FOR TREATING PLANT MEDIA AND A METHOD OF PREPARATION THEREOF	BIOCENTRAL LABORATORIES LIMITED	24/08/2007	DELHI
20	255026	361/DEL/2004	05/03/2004		A PROCESS FOR THE PREPARATION OF LUBRICANTS BASED ON HYDROGENATED VEGETABLE OILS	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH,CENTER FOR HIGH TECHNOLOGY	24/04/2009	DELHI
21	255028	2064/DELNP/2004	12/02/2003	12/02/2002	A CONTROLLED RELEASE PHARMACEUTICAL FORMULATION	GLAXO GROUP LIMITED	01/04/2005	DELHI
22	255032	2120/DELNP/2003	27/06/2002	28/06/2001	AN AMMONIA PRODUCTION PLANT	FLUOR CORPORATION	20/01/2006	DELHI
23	255033	295/DELNP/2007	30/06/2005	01/07/2004	DISK BRAKE AND DISC STABILISING ELEMENT	HALDEX BRAKE PRODUCTS AB	03/08/2007	DELHI
24	255034	1672/DELNP/2007	22/08/2005	20/08/2004	A NATRITIONAL COMPOSITION CONTAINING PROTEIN, FAT AND CARBOHYDRATE	N.V. NUTRICIA	17/08/2007	DELHI
25	255035	265/DEL/2004	23/02/2004		A PROCESS FOR THE PREPARATION OF AN INTERFACE COATING MATERIAL FOR CHEMICAL SENSORS	THE DIRECTOR GENERAL,DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION	03/03/2006	DELHI
26	255037	994/DEL/2005	20/04/2005	19/05/2004	DEVICE FOR DRIVING MESHING NEEDLES AND WEAVING LOOM EQUIPPED WITH SUCH A DEVICE	STAUBLI LYON	01/12/2006	DELHI
27	255046	5326/DELNP/2005	26/05/2004	06/06/2003	A PROCESS FOR MAKING PRE-POLYMER	GRUPO PETROTEMEX, S.A. DE C.V.	01/02/2008	DELHI
28	255047	6155/DELNP/2006	23/04/2005	07/05/2004	SUBSTITUTED AZAQUINAZOLINE COMPOUNDS OF FORMULA (I)	AICURIS GMBH & CO KG	06/11/2009	DELHI
29	255050	3222/DELNP/2006	16/11/2004	19/12/2003	METHODS FOR REPEARING CYCLOALKYLIDENE BISPHENOLS	SABIC INNOVATIVE PLASTICS IP B.V.	24/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mber	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	254977	1523/MUMNP/2007	04/01/2002	08/01/2001	A MULTIPLE LAYERED NON - PVC CONTAINING TUBING	BAXTER INTERNATIONAL INC.	09/11/2007	MUMBAI
2	254978	29/MUMNP/2008	05/06/2006	29/07/2005	SILOXANE POLYMERIZATION IN WALLBOARD	UNITED STATES GYPSUM COMPANY	01/02/2008	MUMBAI
3	254979	706/MUM/2005	16/06/2005		A PROCESS OF MANUFACTURING A METAL BAR	ALLIED FERROMELT PVT. LTD.	01/06/2007	MUMBAI
4	254980	1260/MUMNP/2009	15/01/2008	15/01/2007	CERAMIC PARTICULATE MATERIAL AND PROCESSES FOR FORMING SAME	SAINT GOBAIN CERAMICS & PLASTICS, INC.	09/10/2009	MUMBAI
5	254989	1734/MUM/2006	19/10/2006		A MILD METHOD FOR THE PRODUCTION OF DI-N-PROPYLACETIC ACID (VALPROIC ACID)	CALYX CHEMICALS AND PHARMACEUTICALS LTD.	25/07/2008	MUMBAI
6	254991	1540/MUMNP/2007	21/03/2006	21/03/2005	METHOD AND SYSTEM FOR COMMINUTING AND CLEANING WASTE PLASTIC	CVP CLEAN VALUE PLASTICS GMBH	09/11/2007	MUMBAI
7	254993	34/MUM/2006	10/01/2006		ROCKER ARM ASSEMBLY FOR AN INTERNAL COMBUSTION ENGINE	BAJAJ AUTO LTD	10/08/2007	MUMBAI
8	255002	706/MUM/2007	09/04/2007		CIRCULAR SHACKLE PADLOCK	GODREJ & BOYCE MFG.CO. LTD.	23/01/2009	MUMBAI
9	255006	1331/MUM/2006	24/08/2006		LOCK FOR ROLLING SHUTTER	GODREJ & BOYCE MFG.CO.LTD.	11/07/2008	MUMBAI
10	255012	2304/MUM/2007	22/11/2007		A HOMOGENEOUS POLYMERIC COMPOSITION	FUTURA POLYESTERS LIMITED	12/06/2009	MUMBAI
11	255013	1209/MUMNP/2008	25/04/2006	28/12/2005	METHOD FOR PRODUCING ADHESIVE PATCH	TEIKOKU SEIYAKU CO., LTD.	08/08/2008	MUMBAI
12	255014	1415/MUMNP/2009	21/03/2008	29/03/2007	OIL-IN-WATER TYPE EMULSION COMPOSITION	SHISEIDO COMPANY LTD	26/03/2010	MUMBAI
13	255024	312/MUM/2008	12/02/2008		PROCESS FOR PREPARATION OF TAZAROTENE	INDOCO REMEDIES LIMITED	09/10/2009	MUMBAI

14	255027	1290/MUM/2006	17/08/2006		IMPROVED PROCESS FOR THE PREPARATION OF RIVASTIGMINE	ALEMBIC LIMITED	25/07/2008	MUMBAI
15	255029	438/MUM/2008	03/03/2008		THIENO[2,3-D]-PYRIMIDINE-4(3H)-ONE COMPOUNDS AND PROCESS THEREOF	NATIONAL CHEMICAL LABORATORY,FDC LIMITED	16/10/2009	MUMBAI
16	255030	2031/MUMNP/2009	21/05/2008	21/05/2007	HETEROCYCLIC KINASE MODULATORS □	SGX PHARMACEUTICALS INC.	11/06/2010	MUMBAI
17	255038	705/MUM/2007	09/04/2007		A POLYESTER GAS BARRIER RESIN AND A PROCESS THEREOF	FUTURA POLYESTERS LIMITED	28/11/2008	MUMBAI
18	255039	2163/MUMNP/2008	04/04/2007	11/04/2006	COSMETIC COMPOSITION WITH SOFT FOCUS PROPERTIES	HINDUSTAN UNILEVER LIMITED	23/01/2009	MUMBAI
19	255045	1160/MUMNP/2009	03/12/2007	20/12/2006	STABLE LIQUID CLEANSING COMPOSITIONS WHICH MAY BE PREPARED USING BROAD SELECTION OF FATTY ACYL ISETHIONATE SURFACTANTS	HINDUSTAN UNILEVER LIMITED	19/11/2010	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.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	254973	1456/CHENP/2008	25/08/2006	26/08/2005	A METHOD AND A DEVICE FOR PRODUCING A GRANULATE WITH LOW ACETALDEHYDE CONTENT AND THE GRANULATE	LURGI ZIMMER GMBH	28/11/2008	CHENNAI
2	254976	1771/CHE/2005	02/12/2005	03/12/2004	USER INTERFACES FOR DATA PROCESSING DEVICES AND SYSTEMS	PICSEL (RESEARCH) LIMITED	25/01/2008	CHENNAI
3	254981	1700/CHE/2005	22/11/2005		METHOD AND DEVICE FOR TRANSMITTING A SCANNED DOCUMENT IN AN ELECTRONIC FORMAT	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	25/01/2008	CHENNAI
4	254985	1069/CHE/2005	05/08/2005		METHOD OF TAKING PRINTOUTS WITH MODIFIED FONTS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	12/10/2007	CHENNAI
5	254986	249/CHE/2006	15/02/2006	17/02/2005	A LENS INSTALLATION	INVENTIO AG	23/11/2007	CHENNAI
6	254988	321/CHE/2006	24/02/2006		A METHOD OF CREATING A NEW MEDIA CONTENT	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	23/11/2007	CHENNAI
7	254994	1550/CHE/2006	29/08/2006 14:11:31		NOVEL DIPEPTIDYL PEPTIDASE IV INHIBITOR	ORCHID CHEMICALS & PHARMACEUTICALS LTD	02/05/2008	CHENNAI
8	254996	3024/CHENP/2006	17/02/2005	19/02/2004	METHOD FOR FABRICATING A COMPOSITE PART	ARCELOR France	08/06/2007	CHENNAI
9	255010	380/CHE/2008	14/02/2008 16:26:41	20/02/2007	SCREEN MOUNTING STRUCTURE OF MOTORCYCLE	HONDA MOTOR CO., LTD.	11/09/2009	CHENNAI
10	255011	3335/CHENP/2006	15/03/2005	15/03/2004	COMPOSITE FOOTWEAR INSOLE AND METHOD OF MANUFACTURING SAME	TECHNOGEL ITALIA S.R.L.	22/06/2007	CHENNAI
11	255016	270/CHE/2005	16/03/2005	18/03/2004	METHOD FOR MANUFACTURING PLASTIC CONTAINERS FOR LIQUIDS	SCHUTZ GMBH & CO. KGaA	28/09/2007	CHENNAI
12	255031	3205/CHENP/2004	14/07/2003	21/08/2002	A DEVICE FOR SHAVING HAIR HAVING A CUTTING MEMBER WITH A PERIODICAL MOTION	KONINKLIJKE PHILIPS ELECTRONICS N.V.	03/03/2006	CHENNAI
13	255036	687/CHE/2005	03/06/2005	04/06/2004	FUEL PROCESSING METHOD AND SYSTEM	HALDOR TOPSOE A/S	27/07/2007	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.

Seri al Nu mbe r	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	254982	3017/KOLNP/2007	01/12/2005	22/02/2005	A PROCESS FOR THE PREPARATION OF 2-CHLORO-4-FLUORO-5-NITROBENZOIC ACID, CHLORIDE DERIVATIVE THEREOF AND A NOVEL INTERMEDIATE FOR SAID PROCESS	BASF AKTIENGESELLSCHAFT	30/11/2007	KOLKATA
2	254987	3856/KOLNP/2007	20/01/2006	24/03/2005	METHOD FOR DETECTING A CHANGE IN WATER HARDNESS	DIVERSEY, INC.	20/06/2008	KOLKATA
3	254992	664/KOL/2008	02/04/2008		AN IMPROVED EXPANDABLE BOOK COVER	Lalit Agrwal	10/10/2008	KOLKATA
4	255004	1764/KOLNP/2006	07/01/2005	08/01/2004	SYSTEM FOR PACKET DATA SERVICE IN THE MIXED NETWORK OF ASYNCHRONOUS COMMUNICATION NETWORK AND SYNCHRONOUS COMMUNICATION NETWORK AND HAND-OVER METHOD THEREOF	SK TELECOM CO., LTD.	11/05/2007	KOLKATA
5	255005	1143/KOL/2007	17/08/2007 17:19:07	22/08/2006	CONTROLLABLE TRANSMISSION SYSTEM AND METHOD THEREOF FOR WATERWHEEL	LIU, CHENG-TSUN	29/02/2008	KOLKATA
6	255008	2742/KOLNP/2006	03/03/2005	19/03/2004	REDUCTION GEARING OF AN ELECTRICALLY OPERATED ACTUATOR TO CONTROL A GASEOUS OR LIQUID VOLUME FLOW	BELIMO HOLDING AG,	01/06/2007	KOLKATA
7	255009	1678/KOLNP/2006	15/12/2004	19/12/2003	MEHTOD AND DEVICE FOR BACKING UP PERSONAL DATA OF A TELECOMMUNICATIONS NETWORK SUBSCRIBER, AND ASSOCIATED SERVER	GEMALTO S.A.	11/05/2007	KOLKATA
8	255017	3044/KOLNP/2006	22/04/2005	30/04/2004	POWER SUPPLY DEVICE	SIEMENS AKTIENGESELLSCHAFT	08/06/2007	KOLKATA

9	255018	712/KOL/2007	08/05/2007	20/06/2006	A CONTROL SYSTEM FOR ENABLING AN ENGINE TO OPERATE IN A DECELERATION FUEL CUTOFF MODE	GM GLOBAL TECHNOLOGY OPERATIONS, INC	11/01/2008	KOLKATA
10	255019	201/KOL/2005	22/03/2005		A DEVICE FOR IMPROVED FLY ASH RECYCLING IN BUBBLING FLUIDIZED BED COMBUSTION SYSTEMS	BHARAT HEAVY ELECTRICALS LIMITED	29/12/2006	KOLKATA
11	255020	1765/KOLNP/2006	25/01/2005	26/01/2004	A METHOD FOR ALLOCATING AN ELEVATOR IN A DESTINATION FLOOR ELEVATOR SYSTEM AND A DESTINATION FLOOR ELEVATOR SYSTEM THEREFOR	KONE CORPORATION	11/05/2007	KOLKATA
12	255021	4191/KOLNP/2007	29/05/2006	31/05/2005	PROCESS OIL, PROCESS FOR PRODUCTION OF DEASPHALTED OIL, PROCESS FOR PRODUCTION OF EXTRACT, AND PROCESS FOR PRODUCTION OF PROCESS OIL	IDEMITSU KOSAN CO. LTD.	02/01/2009	KOLKATA
13	255040	923/KOL/2007	27/06/2007	01/08/2006	A FUEL LEVEL MONITORING SYSTEM AND A METHOD OF EVALUATING THE DESIRED FUNCTION OF THE FUEL LEVEL MONITORING SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	22/02/2008	KOLKATA
14	255041	3210/KOLNP/2006	12/05/2005	14/05/2004	A PROTECTIVE SWITCHING APPARATUS AND A METHOD FOR ADJUSTMENT OF THE APPARATUS	SIEMENS AKTIENGESELLSCHAFT	08/06/2007	KOLKATA
15	255042	2784/KOLNP/2006	03/03/2005	04/03/2004	ENERGY METER ARRAY AND METHOD FOR CALIBRATION	AUSTRIAMICRO SYSTEMS AG	01/06/2007	KOLKATA
16	255043	3850/KOLNP/2006	27/05/2004	27/05/2004	ARRANGEMENT AND METHOD FOR DELAYED REALLOCATION OF ADDRESSES	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	22/06/2007	KOLKATA
17	255044	2730/KOLNP/2006	18/03/2005	24/03/2004	A METHOD AND A TOOL FOR JOINING A COUPLING ELEMENT HAVING FLANGE MEANS TO A PIPE, AND A COUPLING ELEMENT JOINED BY THE METHOD	QUICKFLANGE AS	01/06/2007	KOLKATA

CONTINUED TO PART- 2