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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

25TH OCTOBER, 2013

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**THE PATENT OFFICE
KOLKATA, 25/10/2013**

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:-

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<p>2 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>	<p>5 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>3 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, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>	<p>❖ Rest of India</p>

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

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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 25/10/2013
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 :-

<p>1</p> <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>	<p>4</p> <p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप</p>
<p>2</p> <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>	<p>5</p> <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>
<p>3</p> <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 जहाँ उपयुक्त कार्यालय स्थित है ।

SPECIAL NOTICE

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.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 there is no third party representation.

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2519/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :27/08/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : MEAT BISCUITS MIX

(51) International classification

:A23L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)BHAT ZUHAIB FAYAZ

Address of Applicant :SHER-E-KASHMIR UNIVERSITY OF AGRICULTURAL SCIENCES AND TECHNOLOGY OF JAMMU, SENIOR SCIENTISTS QUARTER, RESIDENTIAL COMPLEX, UDHAYWALLA CAMPUS, 180002. Jammu & Kashmir India

(72)Name of Inventor :

1)BHAT ZUHAIB FAYAZ

2)KUMAR SUNIL

(57) Abstract :

A meat biscuits mix for producing meat biscuits is disclosed which comprises a powder comprising from about 10 to about 55 percent by weight of dehydrated meat, from about 20 to about 45 percent by weight of flour, from about 0 to about 30 percent by weight of a finely divided sugar, from about 10 to about 30 percent by weight of a finely divided fat, from about 3 to about 10 percent by weight of an egg powder, from about 2 to about 6 percent by weight of dried milk solids, from about VA to about 3 percent by weight of edible common salt powder, and from about Y2 to about 1 percent by weight of baking powder. The mix of the present invention may be packed in pouches or envelopes or other protective cartons which afford moisturebarrier features.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2814/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :24/09/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : EMERGENCY RESPONSE AND RESCUE SYSTEM.

(51) International classification	:g08b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHISH SHARMA
(32) Priority Date	:NA	Address of Applicant :A-252, PANDARA ROAD, NEW
(33) Name of priority country	:NA	DELHI-110003 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHISH SHARMA
(87) 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 process and system for assisting users in emergency situation. This disclosure includes a platform of networked devices interacting with a wearable/mobile device which automatically or on manual activation (by user or someone) initiates an emergency rescue system. The application and platform further comprises of a various sensing & transmitting components interacting and communicating with each other to perform pre-defined actions for rescue of the user under emergency.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2588/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : MEAT SNACKS MIX

(51) International classification

:A23L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)ZUHAIB FAYAB BHAT

Address of Applicant :SHER-E-KASHMIR UNIVERSITY
OF AGRICULTURAL SCIENCES AND TECHNOLOGY OF
JAMMU, SENIOR SCIENTISTS QUARTER, RESIDENTIAL
COMPLEX, UDHAYWALLA CAMPUS, 180002 Jammu &
Kashmir India

(72)Name of Inventor :

1)BHAT ZUHAIB FAYAZ

2)KUMAR SUNIL

(57) Abstract :

A meat snacks mix for producing highly desirable meat snacks is disclosed; said mix comprises a powder comprising from about 15 to about 55 percent by weight of dehydrated meat, from about 25 to about 65 percent by weight of flour, from about 2 to about 10 percent by weight of egg powder, from about 1 to about 5 percent by weight of dried milk solids, from about 1 /a to about 3 percent by weight of spice mixture, from about 1 Vz to about 3 percent by weight of edible common salt powder, from about V to about 2 percent by weight of dehydrated condiments, from about VA to about 1 percent by weight of baking powder, from about V to about 1 percent by weight of finely divided sugar, from about VA to about /z percent by weight of alkaline phosphate, and from about 100 to about 150 ppm by weight of sodium nitrite. The mix of the present invention may be packed in pouches or envelopes or other protective cartons which afford moisture-barrier features.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2877/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :14/09/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : BALOON FOR TISSUE BOLUS DEVICE

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SINGH BALENDRA PRATAP
(32) Priority Date	:NA	Address of Applicant :FLAT NO. 101, NEW TEACHERS
(33) Name of priority country	:NA	APARTMENT, TG CAMPUS, KHADRA, LUCKNOW 226003,
(86) International Application No	:NA	UTTAR PRADESH, INDIA
Filing Date	:NA	2)SINGH NISHI
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SINGH BALENDRA PRATAP
Filing Date	:NA	2)SINGH NISHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention consists of balloon (1) with tube (3) connected via hose connector having valve (2) at one end and other end with connector (4) to attach with syringe (used for filling balloon with saline) which can be used to fill the balloon with tissue equivalent material like saline to optimized the dosimetry. This device has a flange (5) to attach with obturator and prevent loosening as well.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7118/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/08/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : MONKEY WRENCH

(51) International classification	:B25B13/20
(31) Priority Document No	:2011224883
(32) Priority Date	:12/10/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/065813
Filing Date	:21/06/2012
(87) International Publication No	:WO 2013/054570
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OHNO Yasushi

Address of Applicant :16 5KoyamaGoyu choToyokawa shi
Aichi 4410211 Japan

(72)Name of Inventor :

1)OHNO Yasushi

(57) Abstract :

Provided is a monkey wrench capable of easily and reliably fulfilling a positioning function when a width across flats dimension of a tool is adjusted and a function of preventing a deviation in the adjusted width across flats dimension even for width across flats dimensions of different standards. A positioning function when a width across flats dimension (B) of a tool is adjusted and a function of preventing a deviation in the adjusted width across flats dimension (B) are fulfilled by a projection (72) of a flat spring part (7) being fitted into each fitting recess (8). In this case a plurality of lines (9a 9c) each composed of a plurality of fitting recesses (8) are arranged in parallel in a wrench body (3) the pitches between the fitting recesses (8) in the respective lines (9a 9c) are set in conformity with different standards from each other. Consequently by selecting the line (9a 9c) of a fitting recess to be used according to the standard of an object to be clamped such as a nut the positioning function and the function of preventing a deviation can be easily and reliably fulfilled even for the width across flats dimensions (B) of different standards.

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

(54) Title of the invention : A WOUND DRESSING CAPABLE OF IN-SITU NOX RELEASE AND A PROCESS FOR MANUFACTURING THE SAME

(51) International classification	:A61L 15/18, A61k 31/00	(71)Name of Applicant : 1)THE SECRETARY, DEPARTMENT OF ATOMIC ENERGY Address of Applicant :GOVT. OF INDIA, ANUSHAKTI BHAVAN, CHATRAPATI SHIVAJI MAHARAJ MARG, 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)DAVE, DR. RACHNA
(87) International Publication No	: NA	2)JOSHI, DR. HIREN M.
(61) Patent of Addition to Application Number	:NA	3)VENUGOPALAN, DR. V.P.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wound dressing capable of in-situ NO_x (nitrogen oxides) release which would be a cost-effective and readily affordable for diverse and wide application and use to treat variety of wound conditions is disclosed. A simple process for the development of a convenient and affordable dressing is also disclosed that would be adapted to release products of acidified sodium nitrite, supplement healing and would not require stringent storage conditions wherein said dressing is a dry dressing which at the time of application, is wetted by a sterile solution of nitrite source, upon which the product becomes moist and swelled, releasing gaseous products with powerful antimicrobial properties. The product is advantageously inactive till hydrated and can be stored in a dry form until the time of usage, Storage at ambient temperature and humidity up to 24 months does not diminish its efficacy. The product is targeted to be extremely effective against Gram positive and Gram negative bacteria as well as fungi, which are known to infect wounds. The gaseous chemicals released by the activated product of the present advancement can bring down the microbial load on a surface substantially (6-log reduction).

No. of Pages : 33 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3042/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/09/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : PORTABLE FRP HATCHERY FOR CARP SEED PRODUCTION

(51) International classification	:A01K 61/00, A01K 67/00	(71)Name of Applicant : 1)CENTRAL INSTITUTE OF FISHERIES EDUCATION, MUMBAI Address of Applicant :CENTRAL INSTITUTE OF FISHERIES EDUCATION, PANCH MARG, OFF YARI ROAD VERSOVA, ANDHERI (WEST), MUMBAI-400061, 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)VERMA, AJIT KUMAR
(87) International Publication No	: NA	2)TIWARI, VIRENDRA KUMAR
(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 portable fiber reinforced plastic (FRP) jar hatchery wherein enhanced hatching of carp eggs and increased survival rate of spawns is attained.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3213/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/10/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : A PROCESS FOR PRODUCING HIGHLY NUTRITIOUS AND BIOAVAILABLE ORGANIC NITROGEN FERTILIZER FROM NON GMO PRODUCTS

(51) International classification	:C05C	(71)Name of Applicant :
	11/00	1)CHAUDHRY SUUNIL SUDHAKAR
(31) Priority Document No	:NA	Address of Applicant :A, 86/89 MIDC, INDUSTRIAL AREA,
(32) Priority Date	:NA	JALGAON 425003, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)CHAUDHRY SUUNIL SUDHAKAR
Filing Date	:NA	
(87) 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 :

Disclosed herein is a process for producing nitrogen containing organic fertilizer with increased storage stability in liquid form derived from natural, non-GMO sources which follow the standards of certified organic input in agriculture as per standards required by the statutory bodies of developed and developing countries. The liquid form of the organic fertilizer contains 2-10% organic nitrogen and 10-65% solids, and dry, soluble powder form contains 13.5% nitrogen content on 100% dry solids.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.790/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : INTEGRATED TEST EQUIPMENT FOR INTERFACE CIRCUIT CHECKS.

(51) International classification :G01R31/3187
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)BEHERA SOUMYA D

3)BHANDARKAR KALPESH P

4)VELU BRIJESH P

5)BHAVSAR RAVINDRA S

6)GOBHUI DEVENDRA M

(57) Abstract :

The Integrated test equipment for interface circuit checks tester is a light weight unit (approximately 750 gms) which simulates the presence of ACMI pod without the need to suspend actual ACMI pod during ground checks to verify the ACMI modification carried out on aircraft. The Integrated test equipment for interface circuit checks tester simulates all the required functions of the ACMI pod during ground testing on the aircraft. The use of Integrated test equipment for interface circuit checks tester reduces the procedure of loading/unloading Launcher and ACMI Pod on the aircraft. Therefore, the modification on the aircraft can be checked / verified in the absence of Launcher & ACMI pod during production and overhaul.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.95/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : SELF-DESTROYING INSULIN SYRINGE

(51) International classification :A61M5/175,A61M5/32,A61M5/50
(31) Priority Document No :201010204868.5
(32) Priority Date :21/06/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077861
Filing Date :19/10/2010
(87) International Publication No :WO 2011/160364
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)JIANG Xiaohui

Address of Applicant :Wenling Sol Millennium Medical Products Co. Ltd. Yannan Village Shitang Town Wenling Zhejiang 317513 China

2)LIN Zuoqian

(72)Name of Inventor :

1)JIANG Xiaohui

2)LIN Zuoqian

(57) Abstract :

A needle-replaceable and self-destroying insulin syringe comprises a barrel (1), a push rod (2), a rubber piston (3) and a needle seat (4). The barrel (1) is provided with a connection needle seat (7) cooperating with a needle hub (5). The connection needle seat (7) is supported and fixed at a front end of the barrel by a support seat (8). The needle hub (5) extends downwards to form a fixing ring (9). A snap ring (10) is formed at an upper end of the connection needle seat (7). The snap ring (10) protrudes into a bore of the fixing ring (9) and snap-fitted with the fixing ring (9). A large groove (13) is provided in a wall of the bore of the connection needle seat (7). An upper end of the support seat (8) protrudes into the bore of the connection needle seat (7). First elastic detents (14) are formed at the upper end of the support seat (8) and come together towards the center. A ring of flange (15) is provided at the outside of the upper end of the support seat, and seats in the large groove (13), capable of sliding up and down along the large groove (13). First elastic support pawls (16) are formed at a lower end of the connection needle seat (7), and the inner wall of the barrel is correspondingly provided with a small groove (17) in which the first elastic support pawls (16) can be embedded. A ring of flange shoulder (18) is provided at the outside of the lower end of the support seat, and abuts against the first elastic support pawls (16).

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3179/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :07/10/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : AN APPARATUS FOR CONTINUOUS SYNTHESIS OF CARBON NANO MATERIALS AND A PROCESS FOR THE SAME

(51) International classification	:C01B 31/00, C01B 31/02	(71)Name of Applicant : 1)NORTH MAHARASHTRA UNIVERSITY, JALGAON Address of Applicant :UNIVERSITY INSTITUTE OF CHEMICAL TECHNOLOGY, NORTH MAHARASHTRA UNIVERSITY, POST BOX NO. 80, JALGAON-425001, 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)DR. NAVINCHANDRA G. SHIMPI
(87) International Publication No	: NA	2)PROF. DR. SATYENDRA MISHRA
(61) Patent of Addition to Application Number	:NA	3)MR. DHARMESH P. HANSORA
Filing Date	:NA	4)MR. UMAKANT N. SAVDEKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a method of producing carbon nano materials in a continuous mode till the entire components on the electrodes are utilized. A system for continuous synthesis of carbon nano materials is described where the system is made of a vessel with a means for continuous addition and removal of a liquid, electrodes and a mechanism for igniting an electrical arc between the electrodes and a means for recovering the carbon nano materials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2171/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : ZERO EFFLUENT DISCHARGE BIOMASS GASIFICATION SYSTEM

(51) International classification	:C10J3/54; C10B1/00	(71)Name of Applicant : 1)PADSUMBIYA, Subhash Savjibhai Address of Applicant :Vraj Vatica Society, Nr. Avenue Park, Ravapar Road, Morbi Gujarat India 2)Dr. CHANNIWALA, Salim Abbasbhai
(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)PADSUMBIYA, Subhash Savjibhai 2)Dr. CHANNIWALA, Salim Abbasbhai
Filing Date	:NA	
(87) 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 :

Zero effluent discharge biomass gasification system (100) to facilitate no effluent discharge to the environment mainly comprises of gasifier (1); double lock hopper feeding system comprises of coal charger (20) comprising of coal feeding system (19) and coal feeding hopper (21); water sealed controlled gas shut off valve (25); primary gas cooler cum settling chamber (2); tar catcher (3); two way water seal controlled valve-1 (4); indirectly cooled final gas cooler cum settling chamber (10); sets of gas condenser -1 (5) and gas condenser -2 (6) and gas condenser -3 (7) and gas condenser -4 (8); through two-way water sealed controlled valve-2 (9) chilled water from water chilling plant (13); settling chamber (10); a rotary kiln cum effluent evaporator (11); tar and tarry waste water storage tank (30); high pressure tar pump (18); a burner (11a); producer gas supply pipe to the tar cracker (29); producer gas supply pipe to plant (31); rotary kiln (11b); Nickel or Tungston wire mesh catalyst (11c); kiln exit section (11d); effluent evaporator (11e) and sealed blower (23)

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2931/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : ELECTRICITY GENERATION FROM EXHAUST GAS OF VEHICLE

(51) International classification :F02B63/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)Maharashtra State Board of Technical Education

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3)Prof. Miss Swarada Atul Tamboli

4)Pravin Laxmanrao Bhoite

5)Vikas Manoj Kuber

6)Saurabh Hiralal Yadav

7)Akash Rajendra Kamgaonkar

(72)Name of Inventor :

1)Prof. Miss Swarada Atul Tamboli

2)Pravin Laxmanrao Bhoite

3)Vikas Manoj Kuber

4)Saurabh Hiralal Yadav

5)Akash Rajendra Kamgaonkar

(57) Abstract :

Present invention provides a device which produce electric power by using exhaust gas of vehicle specially two wheeler. In this model, by using kinetic energy of exhaust gas the runner rotates which is attached to large gear by using shaft, which is further attached to small gear, placed on dynamo. Finally the dynamo produces electric power. This model is simple in construction. Following invention is described in detail with the help of Figure 1 of sheet 1 shows assembly of turbine wheel, Figure 2 of sheet shows frame assembly and Figure 3 of sheet 3 shows supporting column.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2935/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : MICROCONTROLLER BASED SOLAR TRACKING SYSTEM

(51) International classification	:H01L31/042, F24J2/38	(71)Name of Applicant : 1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(31) Priority Document No	:NA	2)Amrutvahini Polytechnic
(32) Priority Date	:NA	3)Prof. Jairaj Namdev Hire
(33) Name of priority country	:NA	4)Swati Sunil Bothe
(86) International Application No	:NA	5)Nikita Nitin Vaidya
Filing Date	:NA	6)Namita Vinod Bhoir
(87) International Publication No	: NA	7)Ukharsha C Satpute
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Prof. Jairaj Namdev Hire
(62) Divisional to Application Number	:NA	2)Swati Sunil Bothe
Filing Date	:NA	3)Nikita Nitin Vaidya
		4)Namita Vinod Bhoir
		5)Ukharsha C Satpute

(57) Abstract :

Following invention provides a solar tracking system. This system consists of an LDR sensor which senses the direction from which maximum solar power is being obtained. The Stepper motor 1 is used to rotate the LDR to sense the maximum solar power. The LDR output is given to the ADC which digitizes the output and then this digital data is given to the microcontroller. The Microcontroller takes the decision according to an algorithm and tilts the panel towards the direction in which maximum solar power is available. This is done with the help of stepper Motor 2. Following invention is described in detail with the help of Figure 1 of sheet 1 shows block diagram of solar tracking system and Figure 2 of sheet 2 shows circuit diagram of solar tracking system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.822/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : ASSEMBLY OF RF CONNECTOR USING NEW MECHANICAL PARTS

(51) International classification	:H01R13/646	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC)
(32) Priority Date	:NA	Address of Applicant :DESIGN AVIONICS (DEA),
(33) Name of priority country	:NA	HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION,
(86) International Application No	:NA	OJHAR TOWNSHIP POST OFFICE, OJHAR (MIG), NASIK-
Filing Date	:NA	422207 MAHARASHTRA, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)M K JAIN
Filing Date	:NA	2)S K GARG
(62) Divisional to Application Number	:NA	3)M V SONAWANE
Filing Date	:NA	4)A. CHAUDHARY
		5)S V BALTE

(57) Abstract :

The invention relates to design of new mechanical parts and use of its assembly in existing RF connector to make it compatible with RF cable of radio communication system (RT Set) for aircraft / helicopter (military/civil) and ground equipments. The Radio Communication (V/UHF) System (RT set) is integrated on an aircraft to communicate the aircrew with outside world in both air to air and air to ground. The performance of the RT set gets deteriorated (increase in failure rate) due to poor electrical connectivity between the RT set and antenna through the RF Cable and RF Connector. During snag analysis, it was observed that the screen (outer conductor) of the RF cable was getting damaged leading to poor Voltage Standing Wave Ratio (VSWR) and frequent make and break of antenna connection from RT set resulting in failure of RT set. On detailed analysis, it was found that the outer diameter of RF cable was not matching with the inner diameter of the RF connector, this mismatch in the mechanical dimension leads to loosening of the RF connector, its rotation and breaking of shield of RF cable, which further leads to unserviceability of RT set. One of the solutions was to replace existing RF cable with new RF cable to physically match it with the RF connector or replace the existing RF connector with new suitable RF connector. However considering cost factor and aircraft/helicopter down time for laying the new RF cable or replacement of RF connector, a new alternative scheme was derived to match the existing RF connector to existing RF cable already available on the aircraft/helicopter. In the new scheme, additional components are designed, fabricated and assembled with the existing assembly of RF connector. The complete assembly has been checked on ground for its mechanical and electrical parameters. After fulfillment of all the criteria, the performance of RT set has been checked on ground as well as in air. The performance of the RT set was found satisfactory with new mechanical assembly in RF connector. This invention has enabled the use of RF connector to any size RF cable.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3167/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :04/10/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : A PROCESS FOR PREPARING NEBIVOLOL HYDROCHLORIDE

(51) International classification	:C07D311/58
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: 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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CHAKALA, ANDHERI (EAST), MUMBAI-400 059,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)AGARWAL NAND LAL

2)BHAVSAR RAHUL ARUNBHAI

3)PATHAK KUNAL KAMLESHBHAI

(57) Abstract :

The present invention relates to an industrially feasible and economically viable process foT the preparation of nebivolol hydrochloride of formula I thereof.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.792/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : PATENT FOR TECHNOLOGY FOR SIMULATION AND CHECKING OF ANTI SURGE SYSTEM

(51) International classification	:F04D27/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AIRCRAFT UPGRADE RESEARCH & DESIGN
(32) Priority Date	:NA	CENTRE (AURDC)
(33) Name of priority country	:NA	Address of Applicant :HINDUSTAN AERONAUTICS
(86) International Application No	:NA	LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST
Filing Date	:NA	OFFICE, OJHAR (MIG), NASIK-422207 (MAHARASTRA),
(87) International Publication No	: NA	INDIA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SALAWADE U G
(62) Divisional to Application Number	:NA	2)PRASHANT BS
Filing Date	:NA	3)HAQUE NIZAMUL

(57) Abstract :

Airflow distortion is the most common cause of a compressor stall. This is likely to happen during flight due to armament firing from fighter aircraft. The principle of operation of Anti Surge System lies in the fuel cut off to the aero engine at the time of Stall signal which is formed by the Rotating Stall Converter as per the signal of the Rotating Stall Sensor. Checking of Anti Surge System (SPP-25) of fighter aircraft is mandatory as the system affects the flight safety. As per existing methodology, system functionality and fault analysis could not be checked on ground due to absence of signal monitoring facility and simulation of engine stall operation on ground. This innovative technology designed and developed to provide an optimum solution for checking/simulation of Anti-Surge System and hence provides speedy recovery of aircraft thereby increases serviceability of fighter aircraft.

No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4115/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/09/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : A SOFT PRESSING MACHINE FOR FLATTENING DOUGH CARRYING NUTS, WITHOUT BREAKING THE NUTS

(51) International classification

:A21C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

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India

(72)Name of Inventor :

1)DUR AISAMY NATARAJ

(57) Abstract :

This Machine comprises of a Feeding Hopper (1) on a Frame (2). Feeding Rollers (3) are mounted in the Feeding Hopper (1). Dough passes through Die Plate (4) driven by Motor (5). Cutter (6) is provided underneath Die Plate (4). Sensor (7) provides for uniform cutting. Conveyor (8) receives dough from Feeding Hopper (1) and passes in between Bottom Pressing Plate (9) and Top Pressing Plate (10). Cushion (11) is fitted on bottom side of Top Pressing Plate (10). Top Pressing Plate has a Flange (12), operated by an Eccentric Cam Drive (13) through a Connecting Rod (14) and Guide Pipe (15). Motor (17) drives Eccentric Cam Drive (13). Sensor (19) provided on the Bottom Pressing Plate (09) senses dough movement on Conveyor (8), which is mounted on a set of Conveyor Rollers (20). A Collector (22) is provided for collecting finished product. Controls are provided on a panel (21).

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

(54) Title of the invention : PROCESSED DRY YELLOW CLAMS MEAT

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALEX GERALD REBELLO
(32) Priority Date	:NA	Address of Applicant :MAJELLAS CHAVARA SOUTH,
(33) Name of priority country	:NA	PO - 691 584, KOLLAM Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ALEX GERALD REBELLO
(87) 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 :

This shell fishes grows in the saline water of ASHTAMUDI LAKE soil bed. These clams are collected by special type of fish nets from the bottom of the LAKE. These are graded for Uniformity and Cleaned in the Lake water itself with the help of fish-net and put these in a tank of lake water kept in shadow for removing the soil/mud from the intestine of clams by allowing to starve for 8 (eight) hours. Within this time all the Clams will give away all the soil from the intestine through the tentacles and the intestine will be cleared automatically. These clams are clearly transferred to a tub with some salt water and allow to boil for 45 minutes. The clams bivalve will be opened and a pleasant smell will come indicates that it is rightly Boiled. These are unloaded in a stainless steel plated table and pickout the Boiled clam meat from the shell. Then it is fresh water cleaned and allow to put in TURMERIC POWDER mixed fresh water for 15 mts and allow to dry in the Sunlight by spreading the clams meat in a plastic sheet. Large quantity can make dry by FORCE DRYING TECHNOLOGY One 1 Kg clams meat when dried will get 200 gms of Dried Meat. This whole / powdered Dried Clams meat packed in food grade sterilized packing pouches of various sizes through vacuum process technology. This will be safe for a period of 12 months from the Date of Packing This is a HYGIENICALLY NATURAL preparation. No preservatives / chemicals are added. This is very Tasty and Having High Nutritional Value. No added colours and No pesticides added. This is 100% natural Bio product. This processed dry yellow clams meat can be used for several ethnic / Modern food preparations such as:-

1. Mixed with vegetable currys / pickle
2. Making chutneys
3. Making Pakka Vada
4. Preparing Noodles type
5. Preparing with Tappiyoca
6. Making yellow clams meat soup
7. Making Cutlet and can make various Western food items with this meat of yellow clams.

These value added products are having lot of commercial value in India and abroad. This Dry process is having much advantages such as: This fresh live clams are a. Processed lively b. Less expensive c. Less volume for packing the processed clams meat. d. Process is quite Natural e. No loss of Nutritional value f. Can be kept in Ordinary Temperature as Vacuum packed. g. Can be used for making all these different food items by Soaking / in hot water or dry itself as required. h. Processing of Soaking in Turmeric Powder mixed water before Drying the yellow clams meat helps to act as disinfectant, i. These clams meat are boiled well so there are no chance for any decay or contamination and they are hastily placing for drying where as ordinary not boiled clams are difficult to drug in properly.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2975/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : POSITIVE DISPLACEMENT PUMP MECHANISM USED FOR PUMPS AND WATER TURBINES

(51) International classification	:F04B19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MARIA PAUL
(32) Priority Date	:NA	Address of Applicant :3/63K, EAST KARANKADU
(33) Name of priority country	:NA	KARANKADU POST, KANYAKUMARI DIST, PIN - 629 809.
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MARIA PAUL
(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 positive displacement pump mechanism. It can be used in pumps to move (pump) fluids and it can be used in turbines for extracting energy from a fluid flow. There are two drums working together, when one drum rotates the other one reciprocates. It works as a reciprocating pump but there is no valves used in this mechanism. Large amount of fluid can be pumped. This mechanism can be used in wind mill pump, hand operating pumps, Sludge pumps, Pressure pumps, Oil pumps in engines, etc. This mechanism can be used in water turbine and it can be installed in the canals, channels, rivers, etc. to acquire energy or pump water to the raised areas. This mechanism can be used for pumping high viscosity fluids like gear oil(SAE 140 and above), honey, pulps, sludge, etc.

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

(54) Title of the invention : WATER PURIFIER WITH USER FRIENDLY PROVISIONS FOR CARTRIDGE CLEANING

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K. NAGESHWAR
(32) Priority Date	:NA	Address of Applicant :1303-G 2, I BLOCK, 31ST STREET,
(33) Name of priority country	:NA	KAMBAR COLONY, ANNA NAGAR(WEST), CHENNAI - 600
(86) International Application No	:NA	040 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)K. NAGESHWAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multistage water filter and purifier is disclosed that removes all the man-made contamination in the water supplied through pipes by the water department. The water purifying system is made with high quality membranes of predetermined micron ratings for eliminating the bacteria and viruses of 1 to 0.01 micron sizes. The water purifying system filters all the volatile organic impurities, bad taste and odour in the supplied water while retaining the essential minerals needed for the human body. The water filtering and purifying system is designed With provisions to clean the filter cartridge membrane by connecting the said water purifier to the said tap in the upside down mode. This mode of connection removes all the dirt and sediments collected by the said filter cartridge and extends the usage life of the water purifier. The filter element (1A, 1B, 1C) and carbon (10) comprises of coarse, fine and bacteria filter is loaded inside the first housing (30). The housing (30) consists of a primary neck with end cap (29) concluding in the end fitting (31). The neck including a port (34) and end fitting (31) is connected to the in-let and out-let pipes (37, 38) through the ports (32, 33) encapsulated in the neck and end fitting. Similarly the other side of the housing (10) comprises of a secondary neck with end cap (29A) concluding in the end fitting (31A). The neck including a port (34A) and end fitting (31A) is connected to the in-let and out-let pipes (43, 44) encapsulated in the neck and end fitting. The passage path (5) is guarded by the fastening boss (6) at its entrance. The pipes (39, 44) are further connected to the tubing arrangement (41) for in-letting the water to be purified and the out-let pipes (40, 43) are connected to the tubing arrangement (42) for out-letting the water. A second embodiment of the invention comprises a filter unit with threaded end fitting (50) at both the ends of the water purifier system. The said end fittings are coupled to the coupling units (47) fixed to the frame (55). The purifier system comprises of a detachable coupling (51) at the bottom end of the system. The top fixed coupling (47) comprises of a nipple (49) for connecting the hose and pipe connections into the system. A removable flexible hose pipe (52) is connected to the said detachable coupling (51) at the bottom end of the system while the other end of the said pipe (52) is connected to the ultra violet stabilizer (53) mounted on the said frame (55). A water outlet pipe (54) in the said UV stabilizer (53) outputs the double purified water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4540/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : AN INNOVATIVE WET RECLAMATION PROCESS THROUGH UNIQUE TECHNIQUE OF WASHING WITH WATER THE USED AND WASTE CO2 SODIUM SILICATE BONDED SAND

(51) International classification	:B22C5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)N. VISVANATHAN
(32) Priority Date	:NA	Address of Applicant :AMMARUN FOUNDRIES, 80/6A.
(33) Name of priority country	:NA	RATHINAGIRI ROAD, VILANKURICHI POST,
(86) International Application No	:NA	COIMBATORE - 641 035 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)N. VISVANATHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wet reclamation process of used and waste co2 sodium silicate bonded sand wherein the knocked out CO2-Sodium Silicate bonded sand lumps after casting are soaked in water for about 24 hours

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4541/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : A PORTABLE MULTI UTILITY COOKING APPARATUS

(51) International classification	:A47J36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UDAY KIRAN RAJESHUNI
(32) Priority Date	:NA	Address of Applicant :1-7-1256, ADVOCATES COLONY,
(33) Name of priority country	:NA	HANAMKONDA, WARANGAL 506 001 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)UDAY KIRAN RAJESHUNI
(87) 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 :

Exemplary embodiments of the present disclosure are directed towards a portable multi utility cooking apparatus. The portable multi utility cooking apparatus comprising an elevated base platform including a plurality of identical structurally elevated assemblies and an adaptive fuel source receptacle fastened to the plurality of identical structurally elevated assemblies by means of a plurality of locking provisions. The plurality of identical structurally elevated assemblies comprising a locking provision receiving space configured to securely accommodate the plurality of locking provisions and allow the adaptive fuel source receptacle to fasten with the plurality of identical structurally elevated assemblies.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4569/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : SAFETY SLIPPERS

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. GOKILAKRISHNAN GOPAL
(32) Priority Date	:NA	Address of Applicant :SRI ESHWAR COLLEGE OF
(33) Name of priority country	:NA	ENGINEERING, KONDAMPATTI (P.O), KINATHUKADAVU,
(86) International Application No	:NA	COIMBATORE - 641 202 Tamil Nadu India
Filing Date	:NA	2)MR. SURESH KUMAR RAMALINGAM
(87) International Publication No	: NA	3)MR. RAJESH RAMAKRISHNAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. GOKILAKRISHNAN GOPAL
(62) Divisional to Application Number	:NA	2)MR. SURESH KUMAR RAMALINGAM
Filing Date	:NA	3)MR. RAJESH RAMAKRISHNAN

(57) Abstract :

This invention Safety Slippers relates to the safety measures taken on behalf of elderly persons in times of emergency. This idea deals with the integration of program with sensor, transmitter and receiver in a normal slipper to identify the status of the programme installed and take the appropriate action in time of need. This idea works on the principle of application of force which is the body weight of the user on the slipper. The concept involves the sensing of the force applied by the user through the sensor placed inside the slippers. The signal thus sensed is passed on to the Receivers Module through the Transmitting Module. As long as the signal is sensed continuously, the receiver module keeps the GSM module in deactivated mode. If the signal from the transmitting module is interrupted more than the set time limit the Receiver Module activates the GSM Module. The GSM module is incorporated with necessary text message or call options to a list of contacts to be sent. When the GSM module activates it alerts the corresponding contacts automatically without the intervention of human regarding the emergency alert

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4584/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :09/10/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND SYSTEM FOR EFFICIENT EXECUTION OF ORDERED AND UNORDERED TASKS IN MULTI-THREADED AND NETWORKED COMPUTING

(51) International classification

:G06F9/00

(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)WIPRO LIMITED

Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.

(72)Name of Inventor :

1)Maheshwaran Govindarajeswaran

2)Arun Jeyaprasad Arjun Jeyarani

(57) Abstract :

The present disclosure provides methods for concurrently executing ordered and unordered tasks using a plurality of processing units. Certain embodiments of the present disclosure may store the ordered and unordered tasks in the same processing queue. Further, processing tasks in the processing queue may comprise concurrently preprocessing ordered tasks, thereby reducing the amount of processing unit idle time and improving load balancing across processing units. Embodiments of the present disclosure may also dynamically manage the number of processing units based on a rate of unordered tasks being received in the processing queue, a processing rate of unordered tasks, a rate of ordered tasks being received in the processing queue, a processing rate of ordered tasks, and/or the number of sets of related ordered tasks in the processing queue. Also provided are related systems and non-transitory computer-readable media.

No. of Pages : 36 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4195/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/10/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A METHOD OF OXIDIZING AN ORGANIC COMPOUND

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAWAHARLAL NEHRU CENTRE FOR ADVANCED
(32) Priority Date	:NA	SCIENTIFIC RESEARCH
(33) Name of priority country	:NA	Address of Applicant :A Deemed University Jakkur P.O.
(86) International Application No	:NA	Bangalore 560 064 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRINIVASA RAO LINGAMPALLI
(61) Patent of Addition to Application Number	:NA	2)UJJAL KAM GAUTAM
Filing Date	:NA	3)PROF. CHINTAMANI NAGESA RAMACHANDRA
(62) Divisional to Application Number	:NA	RAO
Filing Date	:NA	

(57) Abstract :

The disclosure relates to a method of oxidation of an aliphatic C-H bond in an organic compound using CdO₂ or ZnO₂ nanoparticles as oxidizing agents. The instant disclosure relates to a method of oxidizing toluene using metal peroxide nanoparticles such as CdO₂, ZnO₂ as oxidizing agents to obtain oxidized products predominantly comprising benzaldehyde.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4084/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MONOCLONAL ANTIBODIES AGAINST NPM1 AND ACETYLATED NPM1, METHODS AND KIT THEREOF

(51) International classification	:C07K16/00	(71)Name of Applicant : 1)JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH
(31) Priority Document No	:NA	Address of Applicant :A Deemed University Jakkur P.O.
(32) Priority Date	:NA	Bangalore 560 064 Karnataka India
(33) Name of priority country	:NA	2)ABEXOME BIOSCIENCES
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TAPAS KUMAR KUNDU
(87) International Publication No	: NA	2)PARIJAT SENAPATI
(61) Patent of Addition to Application Number	:NA	3)GOPINATH KODAGANUR SRINIVASACHAR
Filing Date	:NA	4)DEEPTHI SUDARSHAN
(62) Divisional to Application Number	:NA	5)MANJULA DAS
Filing Date	:NA	6)SMITHA PAZHOOR KUMARAN
		7)MANJUNATH SHIVASANGAPPA DEVARAMAN
		8)AJITHKUMAR SUMITRAPPA

(57) Abstract :

The present disclosure relates to monoclonal antibodies against NPM1 and acetylated NPM1 and a method for generating the same. Particularly, the present disclosure relates to monoclonal antibodies against acetylated NPM1 which are acetylation site specific. The present disclosure further relates to a kit comprising said monoclonal antibodies for the detection and treatment of oral cancer.

No. of Pages : 24 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4614/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/10/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : A METHOD OF DELIVERING A SEARCH ENGINE ADVERTISEMENT

(51) International classification	:G06F17/00
(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)SIDHANT AGARWAL
Address of Applicant :40, KAVERIAPPA LAYOUT,
MILLER TANK BUND ROAD, VASANTHNAGAR,
BANGALORE - 560052 Karnataka India
(72)**Name of Inventor :**
1)SIDHANT AGARWAL

(57) Abstract :

The present invention relates to a method of delivering advertising content on search engines. The present invention provides a method of delivering a search engine advertisement on a users computer. The method comprises steps of loading the search page with a search query field on a display of the users computer, receiving one keyword from the user into the search query field, executing a search for the keyword and generating search result, displaying the search result in a Search Engine Result Page on the users computer and replacing the pointer image on the display of the users computer with a customized image.

No. of Pages : 28 No. of Claims : 12

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.1890/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SCAR PRIMERS AND A KIT FOR THE AUTHENTICATION OF UNANI DRUG AMLA (EMBLICA OFFICINALIS) AND ITS ADULTERANT SHAKARKAND (IPOMEAE BATATAS)

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CENTRAL COUNCIL FOR RESEARCH IN UNANI
(32) Priority Date	:NA	MEDICINE
(33) Name of priority country	:NA	Address of Applicant :CENTRAL COUNCIL FOR
(86) International Application No	:NA	RESEARCH IN UNANI MEDICINE NO. 61-65,
Filing Date	:NA	INSTITUTIONAL AREA, OPP. D'-BLOCK JANAKPURI, NEW
(87) International Publication No	:NA	DELHI-110058. India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)M.Z.ABDIN
(62) Divisional to Application Number	:NA	2)KHANDA JABEEN MIRZA SALIM KHAN
Filing Date	:NA	3)SEEMA AHLAWAT

(57) Abstract :

This invention relates to SCAR Primers and a kit for the authentication of unani drug Amla (Emblica officinalis) and its adulterant shakarkand (Ipomeae batatas) 1 (a) Genuine drug ,Amla (Emblica officinalis) 5-AGGGTTGTTTCCCCTGATTT-3, 5-TTTATGCTTCCGGCTCGTAT-3 and its adulterant 1(b)Shakarkand (Ipomeae batatas) 5-ACCTAGAAGGCGGCCGCGAA-3, 5-TGCGAAAATCCCTGTTTTCTAAGGTGT-3. and A kit for authentication of genuine drug which comprises: kit (c) an oligonucleotide primer set genuine drug Emblica officinalis comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO: 15 (5-AGGGTTGTTTCCCCTGATTT-3) and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO: 16 (5- TTTATGCTTCCGGCTCGTAT-3) (d) an oligonucleotide primer set for the adulterant Ipomeae batatas that comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:17 (5-ACCTAGAAGGCGGCCGCGAA-3) and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO: 18 (5-TGCGAAAATCCCTGTTTTCTAAGGTGT-3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1891/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR MONITORING AND SCHEDULING OPERATIONS AND MAINTENANCE ACTIVITIES

(51) International classification	:G06F
(31) Priority Document No	:12/549,146
(32) Priority Date	:27/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)SCHOLTE-WASSINK HARTMUT

(57) Abstract :

A system for monitoring and scheduling operations and maintenance (O&M) activities for a facility is provided. The facility includes a plurality of machines. The system includes a user computer (144), a memory device for storing O&M data and resource availability data for the plurality of machines, and a processor coupled to the memory device, the processor configured to communicate with the user computer via an electronic data communication device (150). The processor is programmed to receive completed O&M activity data corresponding to at least one completed O&M activity via the user computer, determine at least one recommended O&M activity based at least partially on the stored O&M data and the completed O&M activity data, analyze resource availability data, the resource availability data including at least one of technician availability data and material availability data, and schedule the recommended O&M activity based on resource availability data.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1892/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : TURBINE EXHAUST RECIRCULATION SYSTEM AND METHOD

(51) International classification	:F02C	(71)Name of Applicant :
(31) Priority Document No	:12/548,526	1)BHA GROUP, INC.
(32) Priority Date	:27/08/2009	Address of Applicant :8800 EAST 63RD STREET, KANSAS
(33) Name of priority country	:U.S.A.	CITY, MISSOURI 64133 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TAYLOR ROBERT WARREN
(87) International Publication No	:NA	2)ROBERTS JAMES EASEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An exhaust gas recirculation (EGR) system (114, 214) and a method for recirculating an exhaust gas stream (120, 220) from an outlet (122, 222) to an inlet (124, 224) of a turbomachine (112, 212) are provided. The EGR system (114, 214) includes a guide element (28) to channel the exhaust gas stream (120, 220) from the inlet (124, 224) to the outlet (122, 222) and a Rankine cycle system (132, 232) through which a working fluid (141, 241) is circulated. The Rankine cycle system (132, 232) including serially a high temperature heat exchanger (134, 234) in heat exchange relationship with the guide element (28); an expansion device (136, 236) coupled to a generator (142); a low temperature heat exchanger (138, 238) in heat exchange relationship with a cooling medium (144, 244); and a pump (143, 243). The exhaust stream (120, 220) at the outlet (122, 222) has a first temperature and the exhaust stream (120, 220) downstream of the high temperature heat exchanger (134, 234) has a second temperature that is lower than the first temperature.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1931/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : NON-AQUEOUS ELECTROLYTE BATTERY, BATTERY PACK AND VEHICLE

(51) International classification :H01M

(31) Priority Document No :2009-191262

(32) Priority Date :20/08/2009

(33) Name of priority country :Japan

(86) International Application No :NA

Filing Date :NA

(87) International Publication No :NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KABUSHIKI KAISHA TOSHIBA

Address of Applicant :1-1, SHIBAURA 1-CHOME,
MINATO-KU, TOKYO 105-8001, JAPAN.

(72)Name of Inventor :

1)HIROKI INAGAKI

2)YASUHIRO HARADA

3)KEIGO HOSHINA

4)NORIO TAKAMI

(57) Abstract :

A non-aqueous electrolyte battery includes an outer case, a positive electrode housed in the outer case and containing a positive electrode active material, a negative electrode housed in the outer case and containing a monoclinic crystal -type titanium composite oxide, and a non-aqueous electrolyte filled in the outer case. An absolute value of a gradient of a potential of the negative electrode is larger than that of the positive electrode. Wherein, each of the gradients of a potential of the negative and positive electrodes is found from variations in potential which come at the state of full charge on an open-circuit potential curve drawn from potentials of the positive electrode and the negative electrode.

No. of Pages : 79 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1932/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR ASSEMBLING A PITCH ASSEMBLY FOR USE IN A WIND TURBINE

(51) International classification	:F03D
(31) Priority Document No	:12/551,248
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)DANIELS JEFFREY MICHAEL
2)KORIM DAVID CHARLES

(57) Abstract :

A pitch assembly (130) for use in a wind turbine (100) including a plurality of blades (112) is provided. The pitch assembly includes a pitch bearing (160) rotatably coupled to a hub (110) of the wind turbine, the pitch bearing including a plurality of bearing teeth (188), a pitch drive system (180) coupled to the pitch bearing and in contact with a first set of the plurality of bearing teeth, and a plurality of bearing segments (162), at least one of the plurality of bearing segments coupled to the pitch bearing to cause the pitch drive system to selectively contact a second set of bearing teeth (270).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1933/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR WIND TURBINE HEALTH MANAGEMENT

(51) International classification	:F03D
(31) Priority Document No	:12/550,988
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)VITTAL SAMEER
2)NANDA SUBRAT
3)JOSHI AMIT
4)GREEN DONNA
5)AZZAM HESHAM

(57) Abstract :

A controller (204) for use in managing an operational lifetime of at least one wind turbine (202) is provided. The controller communicatively coupled to the wind turbine and a server sub-system (216). The controller is configured to receive operational data (214) from the wind turbine, transmit the operational data to the server sub-system, transmit a request for historical data (222) corresponding to the wind turbine to the server sub-system, receive a response from the server sub-system, the response comprising historical data corresponding to the wind turbine; and determine an estimate of a time to failure of the wind turbine based on at least one of the operational data and the historical data.

No. of Pages : 34 No. of Claims : 12

(54) Title of the invention : SEMICONDUCTOR DEVICE AND PRODUCTION METHOD THEREOF

(51) International classification :H01L
 (31) Priority Document No :2009-189262
 (32) Priority Date :18/08/2009
 (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)UNISANTIS ELECTRONICS (JAPAN) LTD.

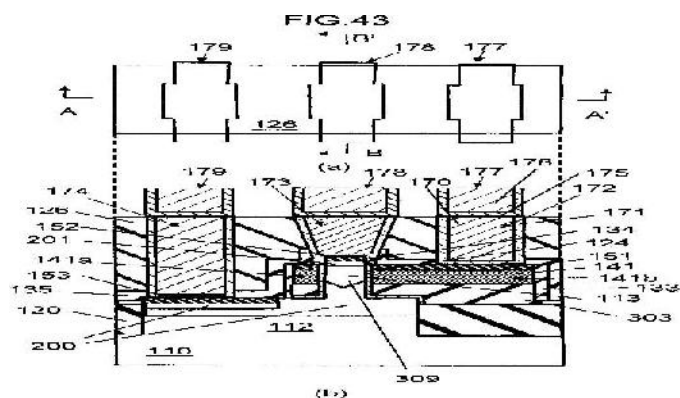
Address of Applicant :2ND FLOOR, FUJI-LIGHT,
 SHINKAWA BUILDING, 22-11, SHINKAWA 1-CHOME,
 CHUO-KU, TOKYO 104-0033 JAPAN.

(72)Name of Inventor :

1)MASUOKA FUJIO**2)ARAI SHINTARO****3)NAKAMURA HIROKI****4)NAKAMURA HIROKI****5)KUDO TOMOHIKO****6)MURTHY B. RAMANA****7)SHEN NANSHENG****8)BUDDHARAJU KAVITHA DEVI****9)SINGH NAVAB**

(57) Abstract :

A method for producing a semiconductor device includes preparing a structure having a substrate, a planar semiconductor layer and a columnar semiconductor layer, forming a second drain/source region in the upper part of the columnar semiconductor layer, forming a contact stopper film and a contact interlayer film, and forming a contact layer on the second drain/source region. The step for forming the contact layer includes forming a pattern and etching the contact interlayer film to the contact stopper film using the pattern to form a contact hole for the contact layer and removing the contact stopper film remaining at the bottom of the contact hole by etching. The projection of the bottom surface of the contact hole onto the substrate is within the circumference of the projected profile of the contact stopper film formed on the top and side surface of the columnar semiconductor layer onto the substrate.



No. of Pages : 96 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1884/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :11/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD FOR CONTROLLING A DIRECT INJECTION SYSTEM OF COMMON-RAIL TYPE

(51) International classification

:F02D

(31) Priority Document No

:BO2009A

(32) Priority Date

000545

(33) Name of priority country

:12/08/2009

(86) International Application No

:Italy

Filing Date

:NA

(87) 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)MAGNETI MARELLI S.P.A.

Address of Applicant :61/63, VIALE ALDO BORLETTI,
CORBETTA ITALY.

(72)Name of Inventor :

1)SERRA GABRIELE

2)CESARE DE MATTEO

3)PAROTTO MARCO

(57) Abstract :

A method for controlling a direct injection system (1) of common-rail type of an internal combustion engine (2); the direct injection system (1) has: a fuel tank (10), a low pressure pump (8) which draws from the tank (10), and a high pressure pump (6) which receives the fuel from the low pressure pump (8) and feeds the pressurized fuel to a common rail (5) connected to a number of injectors (4); the control method includes the steps of: determining a desired pressure (Prailref) of the fuel inside the common rail (5) ; and regulating the delivery of the low pressure pump (8) towards the high pressure pump (6) to pursue the desired pressure (Prailref) of the fuel inside the common rail (5) and so as to obtain a corresponding regulation of the delivery of the high pressure pump (6) towards the common rail (5) .

No. of Pages : 31 No. of Claims : 20

(54) Title of the invention : SCAR PRIMERS AND A KIT FOR THE AUTHENTICATION OF UNANI DRUG SENNA (CASSIA ACUTIFOLIA & CASSIA ANGUSTIFOLIA) FROM ITS ADULTERANT (CASSIA TORA & CASSIA SOPHERA).

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CENTRAL COUNCIL FOR RESEARCH IN UNANI
(32) Priority Date	:NA	MEDICINE
(33) Name of priority country	:NA	Address of Applicant :NO. 61-65, INSTITUTIONAL AREA,
(86) International Application No	:NA	OPP. 'D'-BLOCK JANAKPURI, NEW DELHI-110058. India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)M.Z.ABDIN
(61) Patent of Addition to Application Number	:NA	2)KHANDA JABEEN MIRZA SALIM KHAN
Filing Date	:NA	3)M. AKMAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to SCAR Primers and a Kit for the Authentication of Unani drug Senna (Cassia acutifolia & Cassia angustifolia) from its adulterant (Cassia tora & Cassia sophera), 1(a) Genuine drug ,Senna (Cassia acutifolia) 5-GCTAGATCACTACAACAACACAACA-3, 5 -TTTTGGGATGGGGA ATAACA-3, and 1(b) (Cassia angustifolia), 5CCAATTTACGCCCCATACAG3, 5GTATCGTACAGCGTAGTGCTACAGAG-3and its adulterant 1(c) Cassia tora, 5-CGACAATGAGAAAATCCAACC-3, 5TGATTGAAACACCCCATTAGC-3, and 1(d) Cassia sophera, 5-GTTCTATAAGAATTGGTGCAAGTCC-3, 5AGGAA CAGCTATGACCATGATTAC-3, and a kit for authentication of genuine-drug, which comprises: kit, an oligonucleotide primer set genuine drug Cassia acutifolia that comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:35 (5-GCTAGATCACTACAACAACACAACA-3), and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:36 (5-GCTAGATCACTACAACAACACAACA-3), an oligonucleotide primer set genuine drug Cassia angustifolia that comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:37 (5-CCAATTTACGCCCCATACAG3), and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:38 (5GTATCGTACAGCGTAGTGCTACAGAG-3), (c) an oligonucleotide primer set for the adulterant Cassia tora that comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:39(5-CGACAATGAGAAAATCCAAC C-3) and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:40 (5TGATTGAAACACCCCATTAGC-3), (d) an oligonucleotide primer set for the adulterant Cassia sophera that comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:41(5-GTTCTATAGAATTGGT TGGTGCAAGTCC-3) and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:42(5AGGAACAGCTATGACCATGATTAC-3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1944/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :17/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SCAR PRIMERS AND A KIT FOR THE AUTHENTICATION OF UNANI DRUG FILFIL SIYAH (PIPER NIGRUM) AND ITS ADULTERANT CARICA PAPAYA.

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Address of Applicant :NO. 61-65, INSTITUTIONAL AREA, OPP. 'D'-BLOCK JANAKPURI, NEW DELHI-110058. India

(72)Name of Inventor :

1)M.Z.ABDIN

2)KHANDA JABEEN MIRZA SALIM KHAN

3)PRAVEJ ALAM

(57) Abstract :

This invention relates to SCAR Primers and a Kit for the Authentication of Unani Drug Filfil Siyah {Piper nigrum) and its adulterant Carica papaya, (a) Genuine drug ,filfil siyah {Piper nigrum), 5ATTCAGATTGAAACACCCCG-3, 5ATTCGTGATTGAAACACCCCG-3, and its adulterant 1(b) papita (Carica papaya), 5CTTGCTCATGAAATTGCTGG-3, 5CTCAAGCTATGCATCCAACG-3, and a kit for authentication of genuine drug, which comprises: kit, (a) an oligonucleotide primer set genuine drug Piper nigrum comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:31) 5ATTCAGATTGAAACACCCCG-3) and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:32 (5ATTCGTGATTGAAACACCCCG-3), (b) an oligonucleotide primer set for the adulterant Carica papaya that comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:33(5CTTGCTCATGAAATTGCTGG-3)and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:34 5CTCAAGCTATGCATCCAACG-3,).

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1842/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : CATALYTIC PREPARATION OF ENANTIOPURE SYN-OR ANTI- ALKOXY - AND AZIDO EPOXIDES AND THEIR CORRESPONDING DIOLS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)REKULA SANTHOSH REDDY
(61) Patent of Addition to Application Number	:NA	2)PANDURANG V CHOUTHAIWALE
Filing Date	:NA	3)GURUNATH M SURYAVANSHI
(62) Divisional to Application Number	:NA	4)ARUMUGAM SUDALAI
Filing Date	:NA	

(57) Abstract :

This invention relates to the process that employs hydrolytic kinetic resolution of racemic alkoxy and azido epoxides to generate two stereo centers of high purity in a single step.

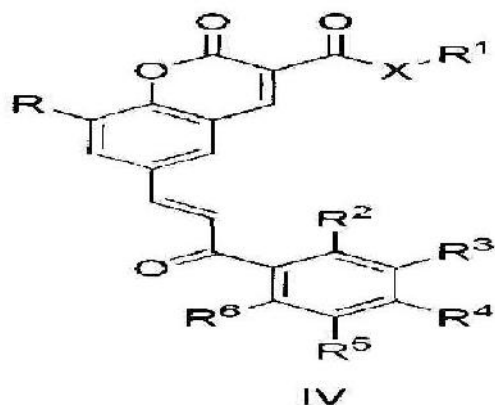
No. of Pages : 27 No. of Claims : 0

(54) Title of the invention : NOVEL COUMARIN-CHALCONE HYBRIDS AS ANTICANCER AGENTS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)KONENI VENKATA SASHIDHARA
(61) Patent of Addition to Application Number	:NA	2)ABDHESH KUMAR
Filing Date	:NA	3)MANOJ KUMAR
(62) Divisional to Application Number	:NA	4)JAYANTA SARKAR
Filing Date	:NA	5)SUDHIR KUMAR SINHA

(57) Abstract :

The present invention relates to certain coumarin/chalcone compounds or a pharmaceutically acceptable salt thereof. The present invention particularly relates to the coumarin/chalcone compounds as anticancer agents useful for the treatment of cancer. The present invention also relates to the process of preparation of the said compounds. R may be selected from the group consisting of: H, CHO, COCH₃, NHCOCH₃, F, Cl, Br, NO₂, CF₃, OCF₃, CH₃, C₂H₅, C₃H₇, Straight and branched alkyl chain up to six carbon, Straight and branched alkoxy/sulphoxy chain up to six carbon, phenyl or substituted phenyl ring, wherein the substituents in phenyl ring is selected from the group consisting of:(a) F, (b) Cl, (c) Br, (d) NO₂, (e) CF₃, (f) CH₃, (g) C₂H₅, (h) C₃H₇, (i) Straight and branched alkyl chain up to six carbon. X is selected from the group consisting of: O, S, CH₂, NR₃, wherein R₃ = H, CH₃, C₂H₅, C₃H₇ R₁ is selected from the group consisting of: H, CH₃, C₂H₅, C₃H₇, Straight and branched alkyl chain up to eight carbons, cyclopentyl, cyclohexyl, piperidinyl, unsubstituted or substituted phenyl ring, wherein the substituents in phenyl ring is selected from the group consisting of (a) F, (b) Cl, (c) Br, (d) NO₂, (e) CF₃, (f) CH₃, (g) C₂H₅, (h) OCH₃, (i) OC₂H₅, (j) OCF₃. R₂ is selected from the group consisting of: CHO, -CH=CHCOR₄ Wherein R₄ is selected from the group consisting of: CH₃, C₂H₅, C₃H₇, Straight and branched alkyl chain up to eight carbons, cyclopentyl, cyclohexyl, , aryl or heteroaryl or piperidinyl or thienyl or furyl or pyridyl or indolyl or phenyl, which may be unsubstituted or substituted by one, two or three substituents being independently selected from the group of consisting of :(a) F, Cl, Br, NO₂, CF₃, CH₃, C₂H₅, OCH₃, OC₂H₅, CF₃, NMe₂, NEt₂, SCH₃, NHCOCH₃.



No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1844/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : CLEAVABLE POLYMER THERMOSETS

(51) International classification

:C09D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)COUNCIL OF SCIENTIFIC & INDUSTRIAL
RESEARCH**

Address of Applicant :ANUSANDHAN BHAWAN, RAFI
MARG, NEW DELHI - 110 001, INDIA.

(72)Name of Inventor :

1)K KRISHNAMOORTHY

(57) Abstract :

A process for the removal of polymer thermosets from the substrate by using cleaving agent without damaging the substrate is disclosed. The use of biomolecules, particularly peptides, proteins and enzymes for removal of polymer thermosets from the substrate, without damaging the substrate is claimed in the invention.

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

(54) Title of the invention : TUBE FOR A SURGICAL MICROSCOPE

(51) International classification

:A61B

(31) Priority Document No

:10 2009

(32) Priority Date

037 921.5

(33) Name of priority country

:19/08/2009

(86) International Application No

:Germany

Filing Date

:NA

(87) 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)CARL ZEISS MEDITEC AG

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07745 JENA, GERMANY

(72)Name of Inventor :

1)LUCKE CHRISTIAN**2)GARTNER HARTMUT****3)MULLER ANDRE****4)SCHNEIDER MARTIN****5)ABELE ALFONS****6)KOLSTER NADINE****7)HOLZMANN DIRK****8)ROBRA WOLFGANG****9)RUDISILE BERND****10)CZERWINSKI MICHAEL**

(57) Abstract :

The invention relates to a tube (1) for a surgical microscope. The tube (1) has a base part (3), intermediate part, which is pivotable about a rotational axis on the base part (3), and an ocular part (7) which is pivotable about a rotational axis (25) on the intermediate part (5). The imaging beam path is guided through the base part (3), the intermediate part (5) and the pivotable ocular part (7). The tube (1) has a tube lens system (67) which transfers a parallel imaging beam paths (37, 39) into an intermediate image. The parallel imaging beam path (37, 39) enters via an opening (108l, 108r) in a connecting piece (105) of the base part (3). The tube has a first displaceable mirror element (71) which can be moved about the rotational axis (21) on the base part (3). The tube has a further displaceable mirror element (73) which is movable on the intermediate part (5) about the rotational axis (25). The first mirror element (71) directs the imaging beam path (37, 39), which enters via the connecting piece (105), to the further mirror element (73). According to the invention, the tube lens system is a telesystem (67) which has a lens unit having positive refractive power (68l, 68r) and a lens unit having negative refractive power (69l, 69r). The first mirror element (71) and the further mirror element (73) are mounted in the imaging beam path (37, 39) between the lens unit having positive refractive power (68l, 68r) and the lens unit having negative refractive power (69l, 69r).

No. of Pages : 39 No. of Claims : 31

(54) Title of the invention : CRANKCASE STRUCTURE OF INTERNAL COMBUSTION ENGINE

(51) International classification :F16C

(31) Priority Document No :2009-225744

(32) Priority Date :30/09/2009

(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)HONDA MOTOR CO., LTD.Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
MINATO-KU, TOKYO, 107-8556 JAPAN

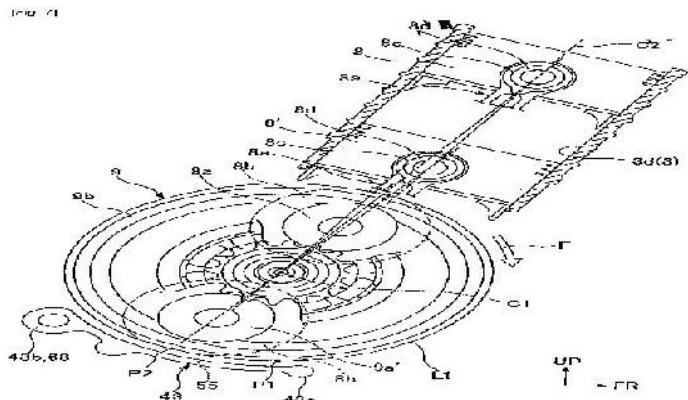
(72)Name of Inventor :

1)NAOKI KONO**2)TAKESHI KANAE**

(57) Abstract :

[Problem] To realize the reduction of friction by suppressing oil quantity in the crankcase structure of an internal combustion engine.

[Means for Resolution] The crankcase structure of an internal combustion engine includes a partition wall 43 which is formed in an arcuate shape along an outer periphery of a rotation locus (rotation locus outer periphery L1) of a crank web 9b of a crankshaft 9 and prevents the agitation of oil by the crankshaft 9. A straight line portion 55 is formed on a lower end portion of a large end portion 8b of a connecting rod 8a on a side opposite to a small end portion 8c of the connecting rod 8a by cutting away the lower end portion in the circumferential direction of the large end portion 8b by a predetermined width. [Selected Drawing]



No. of Pages : 56 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1956/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :17/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : ELECTRONIC MEDICAL RECORD DISTRIBUTION, SYSTEMS AND METHODS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:61/334,259	1)NEXTGEN HEALTHCARE INFORMATION SYSTEMS, INC.
(32) Priority Date	:13/05/2010	Address of Applicant :795 HORSHAM ROAD, HORSHAM, PA 19044, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)RAGGOUSIS, KONSTANTINOS
Filing Date	:NA	
(87) 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 :

Systems and methods for distributing Electronic Medical Records (EMR) from a private practice to authorized mobile devices are presented. EMR data can be exchanged from a private practice with a remote mobile device via an intermediary mobile access service. The service can include one or more servers that tunnel EMR data between the mobile devices and the practice, where a relay server located at the service communicates via an a priori instantiated persistent session with a relay client installed at the practice. The persistent session can be maintained by the relay client thus reducing the burden on the practice to configure or change local network infrastructure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2080/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :01/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SELF-PIERCING NUT ELEMENT AND COMPONENT ASSEMBLY CONSISTING OF THE NUT ELEMENT AND A SHEET METAL PART

(51) International classification

:F01M

(31) Priority Document No

:10 2009

(32) Priority Date

039 817.1

(33) Name of priority country

:02/09/2009

(86) International Application No

:Germany

Filing Date

:NA

(87) 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)PROFIL VERBINDUNGSTECHNIK GmbH & CO. KG

Address of Applicant :OTTO-HAHN-STRASSE 22-24 61381

FRIEDRICHSDORF, GERMANY

(72)Name of Inventor :

1)BABEJ, JIRI

2)SOWA, CHRISTIAN

3)HUMPERT, RICHARD

4)VIETH, MICHAEL

(57) Abstract :

A piercing nut element having a strength in the range between 700 and 900 MPa which is designed to be pressed into the sheet metal part. The nut element is characterized in that the self-piercing attachment of the nut element into a sheet metal part of higher strength, or into a sheet metal part with a thickness greater than 3.5 mm, the nut element is designed in such a way that the piercing section has a peripheral extending groove below the sheet metal contact surface and in that the piercing section has a piercing edge at its free end face with the piercing edge being spaced from the boundary of the groove adjacent to the piercing section by a peripheral surface having an axial height which corresponds to at least 30 % and preferably to at least 50 % of the sheet metal thickness, wherein the radial wall thickness of the piercing section in the region of its free end face from the outer side of the piercing section up to the nominal diameter of the thread corresponds to a thickness between 1.2 to 1.8 and preferably 1.5 times the intended sheet metal thickness.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2081/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :01/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : POWER PLANT EMISSIONS CONTROL USING INTEGRATED ORGANIC RANKINE CYCLE

(51) International classification	:F01K	(71)Name of Applicant :
(31) Priority Document No	:12/560,520	1)BHA GROUP, INC
(32) Priority Date	:16/09/2009	Address of Applicant :8800 EAST 63RD STREET, KANSAS
(33) Name of priority country	:U.S.A.	CITY, MISSOURI 64133 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TAYLOR ROBERT WARREN
(87) International Publication No	:NA	2)ROBERTS JAMES EASEL
(61) Patent of Addition to Application Number	:NA	3)BOOTH CHARLES MICHAEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of reducing the concentration of pollutants in a combustion flue gas (14) having a first temperature is provided. The method includes the step of providing an organic Rankine cycle apparatus (12) utilizing a working fluid and including at least one heat exchanger (16) is arranged in thermal communication with the flue gas (14). The method further includes the step of reducing the temperature of the flue gas (14) to a second temperature less than the first temperature by vaporizing the working fluid within the heat exchanger (16) utilizing thermal energy derived from the flue gas (14). The method further includes the step of filtering the flue gas (14) through at least one filter disposed downstream of the heat exchanger (16) to remove pollutants from the flue gas (14). An associated system configured to reduce the concentration of pollutants in the combustion flue gas (14) is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1927/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : INTERACTIVE SCREEN SYSTEM

(51) International classification

:G06F

(31) Priority Document No

:10-2010-
0043313

(32) Priority Date

:10/05/2010

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CHOI HAE-YONG

Address of Applicant :MOOKDONG 1 PARK

APRATMENT, #108-301, 385 MOOK-DONG, JUNGGRYANG-
GU, SEOUL-CITY 131-768, REPUBLIC OF KOREA.

(72)Name of Inventor :

1)CHOI HAE-YONG

(57) Abstract :

An interactive image screen system includes a image screen, a location information receiving unit, a writing information pen, usual computer and monitor, and a projector for providing the image information and writing information of high resolution on the screen. The location information receiving unit is connected to the screen or monitor and the writing information is written on the screen or the monitor using writing information pen for producing writing information. The screen is reflective and brightness of which is 2-30 gain and surface particle degree of which is 5-500 micron to be 2-30 times bright comparing to prior white board so that even at bright place education is possible using the screen. Additionally, the location information receiving unit can be applied to usual computer and teacher, student, screen and desk may be arranged effectively for proper education and thus regardless of place the interactive image screen system according to the present invention can be used in school, academy, conference room, large hall, etc.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1928/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : TWO-WAY MIRROR SCREEN SYSTEM FOR ADVERTISEMENT

(51) International classification

:G03B

(31) Priority Document No

:10-2010-
0019711

(32) Priority Date

:05/03/2010

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CHOI HAE-YONG

Address of Applicant :MOOKDONG 1 PARK

APRATMENT, #108-301, 385 MOOK-DONG, JUNGRYANG-
GU, SEOUL-CITY 131-768, REPUBLIC OF KOREA.

(72)Name of Inventor :

1)CHOI HAE-YONG

(57) Abstract :

A two way mirror system is disclosed which is used mainly in an advertisement unit and in which a half-mirror having light transmission function and at the same time reflection function is provided. A logo plate in a shape of engraving in relief and intaglio is provided in a front face thereof and a two way screen through image can viewed from a front and rear face is provided in a rear face thereof and thus through one advertising unit a logo advertising plate reflective outside during a day time is performed and image is showed outside during a night time is performed and inside two times bright mirror screen is performed.

No. of Pages : 18 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1929/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : GAS TURBINE INLET FILTER HOUSE CLEANING APPARATUS AND METHOD

(51) International classification	:B01D
(31) Priority Document No	:12/550,611
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)LAMEE EHAB

(57) Abstract :

A pulse cleaning system for one or more hollow filter elements 18 having an inlet 24 and an outlet 26 includes an air supply manifold 34 adapted to extend across the outlet 26 of the filter element 18, a conduit 36 extending substantially perpendicular to the manifold and adapted to extend into the filter element, the conduit 36 formed or provided with a plurality of air-emitter holes 38 along its length dimension, and further provided with a pulse air nozzle 40 fitted onto a remote tip of the conduit.

No. of Pages : 17 No. of Claims : 12

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF AN AYURVEDIC HERBAL COMPOUND AYUSH QOL-2A.

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)CENTRAL COUNCIL FOR RESEARCH OF
AYURVEDA & SIDDHA**

Address of Applicant :61-65, INSTITUTIONAL AREA, D-BLOCK JANAKPURI, NEW DELHI-110058. India

(72)Name of Inventor :

1)G.S. LAVEKAR

2)M. M. PADHI

3)A.SARASWATHY

4)N. SRIKANTH

5)SUDESH GAIDHANI

6)SANJAYA KUMAR

7)ARJUN SINGH

8)SUBASH CHANDRA VERMA

(57) Abstract :

This invention relates to a process for the preparation of an Ayurvedic herbal compound Ayush QOL-2A formulation containing plant drugs for improvement of quality of life in HIV/AIDS patients comprising the steps of, dry mixing, taking the formulated mixture of stage A and passing through mesh no 16 and thoroughly mixing for uniformity, preparing paste by heating demineral water to boiling point, adding Gum acacia 2.38% w/w, maize starch 2.75% w/w, heating slowly for 1 hour with constant stirring, wet mixing by adding contents of step (i) and (ii) in to wet lumps, wet granulation by passing the wet lumps through mesh no 6 using multimill and again passing through mesh no 10, drying and granulation, wherein the granules of step iv is evenly spread in trays and dried at 45°C for approximately 3 hours in tray drier, then passing through mesh no 16 and again evenly spreading the granules at 45 °C for 2 to 3 hours, lubrication by separately, passing the dried granules of step V through mesh 16 and adding aerosol 0.92% w/w, tale 1.83% w/w, magnesium stearate 0.37% w/w, one after another and mixing for ½ hour for uniformity, Capsule filling, Polishing , Blister packing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1853/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/08/2010

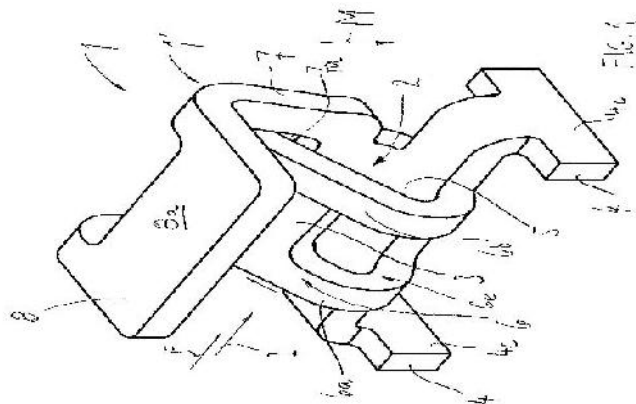
(43) Publication Date : 25/10/2013

(54) Title of the invention : **TERMINAL FOR CONNECTING WIRES TO PRINTED CIRCUIT BOARDS**

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TYCO ELECTRONICS NEDERLAND BV
(32) Priority Date	:NA	Address of Applicant :RIETVELDENWEG 32, NL - 5222
(33) Name of priority country	:NA	AR'S-HERTOGENBOSCH, THE NETHERLANDS
(86) International Application No	:NA	2)TYCO ELECTRONICS CORPORATION INDIA PVT.
Filing Date	:NA	LIMITED
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VAN DER BRUGGEN, TON
Filing Date	:NA	2)WESTEN, MARK
(62) Divisional to Application Number	:NA	3)PREMJITH, C. H.
Filing Date	:NA	

(57) Abstract :

The invention relates to a terminal (1) for electrically connecting at least one wire to a printed circuit board, comprising at least one connecting portion (4) for mounting the terminal (1) on the printed circuit board, and a wire receptacle (2) for receiving the wire in an insertion direction (I), the wire receptacle (2) comprising a wire chamber (2a) and a wire retainer (3), the wire retainer (3), at least at an unmated state of the terminal (1), extending into the wire chamber (2a) and being adapted to be deflected resiliently by the wire (11) in an outward direction (O). To create a reliable terminal (1) which is suitable for miniature or sub-miniature applications, in particular AWG 24 or smaller wires, the terminal (1) is provided with a retainer spring (6) resiliently supporting the wire retainer (3). (Fig. 1)



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1912/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR NON-SINUSOIDIAL CURRENT WAVEFORM EXCITATION OF ELECTRICAL MACHINES

(51) International classification	:B60L	(71)Name of Applicant :
(31) Priority Document No	:12/549,437	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:28/08/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)EL-ANTABLY AHMED MOSTAFA
(87) International Publication No	:NA	2)EL-REFAIE AYMAN MOHAMED FAWZI
(61) Patent of Addition to Application Number	:NA	3)KING ROBERT DEAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for exciting an electrical machine (26) with instantaneous non-sinusoidal current waveforms is disclosed. The system includes an inverter (24) that controls current flow and terminal voltages in an electrical machine (26) and a controller (28) programmed to input an initial sinusoidal current demand to the inverter (24), thereby causing the inverter (24) to output an initial sinusoidal input current. The controller (28) is further programmed to receive feedback on an air gap magnetic field in the electrical machine (26) generated by the initial sinusoidal current demand, determine an instantaneous fundamental component and instantaneous harmonic components of the air gap magnetic field, apply a correction to the instantaneous fundamental component of the air gap magnetic field to generate an ideal fundamental component, generate a non-sinusoidal current demand based on the ideal fundamental component, and input the non-sinusoidal current demand to the inverter (24), thereby causing the inverter (24) to output a non-sinusoidal current.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2034/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :27/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : LOW CHOLESTEROL BUTTER AND PROCESS OF PREPARATION

(51) International classification	:A23C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STERLING AGRO INDUSTRIES LIMITED.
(32) Priority Date	:NA	Address of Applicant :11TH FLOOR, AGGARWAL CYBER
(33) Name of priority country	:NA	PLAZA 2, NETAJI SUBHASH PLACE, PITAMPURA, NEW
(86) International Application No	:NA	DELHI - 110034 INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SONI, KANWAL NAIN
(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 process for the preparation of butter of reduced cholesterol content by allowing formation of cholesterol-beta cyclodextrin complex in milk cream. The process is highly efficient with about 85% to 90% removal of cholesterol from the butter. The process is also economical as no extreme temperature conditions are required. The butter produced by the process is similar to butter formed by any other process in terms of flavour and consistency. In general, the consumption of butter produced by the process does not lead to an increase in LDL (Low-density lipoprotein) cholesterol levels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2155/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : VENTILATION OF DRAINAGE SYSTEM FOR FRAME ENGINE EVAPORATIVE COOLER

(51) International classification	:B01F
(31) Priority Document No	:12/567,083
(32) Priority Date	:25/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)NIKOLIN PRZEMYSŁAW KRZYSZTOF
2)EYERS WILLIAM KEITH ALBERT
3)SMITH PETER JOHN DUNCAN

(57) Abstract :

An evaporative cooler for cooling air includes a cooling housing having an air inlet and an air outlet and an evaporation media, located within the cooling housing intermediate the air inlet and the air outlet for air flow there through and for receiving water to permit evaporation of at least some water. The evaporative cooler includes a drain pan located within the cooling housing and below the evaporation media to catch water which has not evaporated and falling from the evaporation media and a sump located within the cooling housing and below the drain pan for collecting water for use in supplying water to the evaporation media. The evaporative cooler includes a pipe connecting the drain pan to the sump for water movement from the drain pan to the sump and an air vent located within the cooling housing and connected to the pipe, the air vent being open to air within the cooling housing and above the drain pan to permit release of air from within the pipe.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1926/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : PUBLISHING TEMPLATES HAVING PRACTICE DEFINED TRIGGERS

(51) International classification	:G06F
(31) Priority Document No	:61/332,960
(32) Priority Date	:10/05/2010
(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)NEXTGEN HEALTHCARE INFORMATION SYSTEMS, INC.
Address of Applicant :795 HORSHAM ROAD, HORSHAM, PA 19044, U.S.A.
(72)**Name of Inventor :**
1)LUTZ, CHRISTOPHER J.
2)HUANG, BOAN
3)DIMAURO, ANTHONY M.
4)DUBINSKY, BENJAMIN

(57) Abstract :

A healthcare management system is presented where the management system can include a data routing engine configured to route patient data to various authorized entities. The routing engine can operate as a web portal, through which clients of system can define medical form templates, where a template can include one or more triggering rules that cause further action to take place. When a patient interfaces to the web portal, the portal can render a medical form for the patient based on the template. As the patient interacts with the form, including entering their patient data, the routing engine can determine if any triggering criteria have been satisfied. If so, further action can place including routing the data to authorized entities of providing notifications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2039/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :27/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM FOR DETECTING GENERATOR WINDING FAULTS

(51) International classification	:H02P
(31) Priority Document No	:12/558,425
(32) Priority Date	:11/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)ZHAO HAIQI
2)XIONG QIMOU
3)LI YANHANG

(57) Abstract :

A system (10) includes an induction generator controller (44) configured to operate an induction generator (18) via a converter (36). The induction generator controller (44) includes a diagnostic mode configured to instruct the converter (36) to send an input signal to a rotor (28) of the induction generator (18), receive an output signal from the rotor (28) and a stator (30) of the induction generator (18), and identify winding faults within the rotor (28) and/or the stator (30) based on the output signals.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2152/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : PRE-FABRICATED FOLDABLE MODULAR FRACTAL ARCHITECTURAL STRUCTURES AND RELATED METHODS THEREFOR

(51) International classification

:E04B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)BHANDARI, SHRADHA

Address of Applicant :J-19 SOUTH CITY PHASE 1,
GURGAON - 122001, HARYANA, INDIA.

(72)Name of Inventor :

1)BHANDARI, SHRADHA

(57) Abstract :

The present invention relates to pre-fabricated modular architectural elements of a highly adaptable nature for construction of architectural structures. More particularly, the embodiments of the present invention relates to pre-fabricated foldable modular fractal architectural structures and related methods therefor. The architectural elements and structures of the present invention are portable and capable of being folded, collapsed and expanded. Further, the architectural elements and structure of the invention are capable of being rapidly assembled and erected on-site to different architectural design configurations.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2153/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND SYSTEM FOR COOLING A WIND TURBINE STRUCTURE

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:12/566,935	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:25/09/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GAO MENG
(87) 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 method and associated component configuration provide cooling for components within a wind turbine (10) structure, such as a tower (12) or nacelle (14). A recirculating airstream of internal air is established in the structure. For a defined set of operational conditions of the wind turbine (10) that affect a required cooling capacity within the structure, the recirculating airstream is controllably augmented with external air to increase cooling capacity of the recirculating airstream. The amount of external air introduced into the structure is balanced with the amount of relatively hotter internal air within the structure so as to achieve a desired balance of temperature and relative humidity within the structure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2154/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : HYBRID BRAKING SYSTEM AND METHOD

(51) International classification

:F03B

(31) Priority Document No

:12/566,734

(32) Priority Date

:25/09/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(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)SCHRAMM SIMON HERBERT

2)SIHLER CHRISTOF MARTIN

(57) Abstract :

A wind turbine hybrid braking system is presented. The system includes a generator coupled to a main shaft of the wind turbine for generating and transmitting power. A mechanical brake is coupled to the main shaft for applying reaction torque upon braking of the wind turbine. The system further includes an electrical braking circuit coupled to the generator for acting in conjunction with the mechanical brake and dissipating active power via controlled switching.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1930/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR WIND FORMULARY

(51) International classification	:F03D
(31) Priority Document No	:12/550,790
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)KUMAR VIVEK
2)A HEMANTH KUMAR
3)JOSE CHERY
4)VIDIYALA SANDEEP KUMAR

(57) Abstract :

A controller (202) for use in monitoring at least one operating wind turbine (100,308) is provided. The controller is communicatively coupled to the at least one operating wind turbine, to a server sub-system (208), and to a user interface device (304). The controller is configured to receive operational data from the at least one operating wind turbine, select at least one formula based on the received operational data, wherein at least one of a predetermined formula is selected, a formula is selected via the user interface device, and a formula is selected via the server sub-system, determine at least one site level parameter (406) using the at least one selected formula, and transmit at least one of operational data, the at least one selected formula, and the determined parameter to the server sub-system.

No. of Pages : 20 No. of Claims : 12

(54) Title of the invention : THERMALLY OPTIMIZED MICROWAVE CHANNEL MULTIPLEXING DEVICE AND SIGNALS REPETITION DEVICE COMPRISING AT LEAST ONE SUCH MULTIPLEXING DEVICE

(51) International classification :H04J
 (31) Priority Document No :09 04212
 (32) Priority Date :04/09/2009
 (33) Name of priority country :France
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)THALES

Address of Applicant :45, RUE DE VILLIERS, 92200
 NEUILLY SUR SEINE, FRANCE

(72)Name of Inventor :

1)JOEL LAGORSSE

2)JEAN-CLAUDE LACOMBE

(57) Abstract :

The microwave channel multiplexing device comprises several elementary filters (11) connected in parallel with a common output port (15) by way of a transverse waveguide (16), each filter (11) comprising a lower end (31) fixed to a support (12) common to all the filters and an upper end (33) away from the support (12), an external peripheral wall (30), at least one internal cavity (35, 36) defining an internal channel, a signal input (13) connected to the internal cavity and a signal output (14) connected to the transverse waveguide (16). The multiplexing device furthermore comprises a conducto-radiative device (38, 41, 42, 43) coupled mechanically and thermally to at least two filters (11), the conducto-radiative device (38, 41, 42, 43) comprising at least one thermally conducting plate (38), and linked to the external peripheral walls (30) of each of said at least two filters (11), the plate (38) being fixed at the level of the upper end (33) of the filters. Application to the field of satellite telecommunications and more particularly to signals repetition devices aboard satellites.

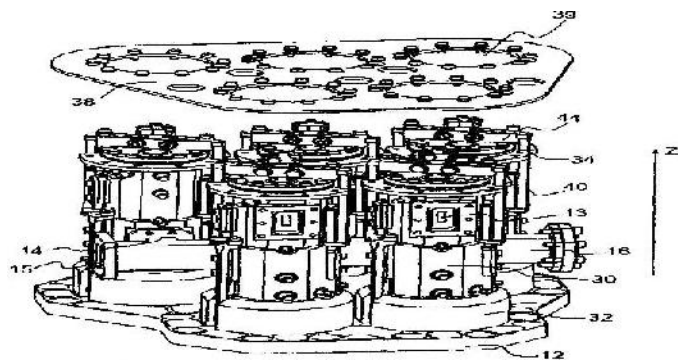


FIG.3

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2044/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :30/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : CATIONIC ELECTRODEPOSITION COATING COMPOSITION

(51) International classification	:C04B
(31) Priority Document No	:2009-212862
(32) Priority Date	:15/09/2009
(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)KANSAI PAINT CO., LTD.,
Address of Applicant :33-1, KANZAKI-CHO,
AMAGASAKI-SHI, HYOGO 6618555, JAPAN
(72)**Name of Inventor :**
1)SHIGEO NISHIGUCHI AND AKIHIKO SHIMASAKI

(57) Abstract :

To provide a coated article in which an electrodeposition coating film formed on an untreated steel sheet exhibits excellent corrosion resistance, in particular, excellent hot salt water immersion resistance at 55°C; and a multilayer coating film formed by a 3-coat 1-bake coating method on the electrodeposition coating film, which is formed on the untreated steel sheet, exhibits excellent corrosion resistance in a combined corrosion cycle test. Means for achieving the object: The present invention provides a cationic electrodeposition coating composition including amino group-containing modified epoxy resin (A), blocked polyisocyanate curing agent (B), metal compound (C), and nitrogen oxide ion (E), wherein metal compound (C) is contained in an amount of 10 to 10,000 ppm calculated as metal, and nitrogen oxide ion (E) is contained in an amount of 50 to 10,000 ppm relative to the mass of the cationic electrodeposition coating composition.

No. of Pages : 50 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2158/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : EYE- TRACKING USING A GPU

(51) International classification	:G06K
(31) Priority Document No	:09172535.8
(32) Priority Date	:08/10/2009
(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)TOBII TECHNOLOGY AB
Address of Applicant :KARLSROVAGEN 2D, 182 53
DANDERYD, SWEDEN.
(72)**Name of Inventor :**
1)BLIXT, PETER
2)KOBETSKI, MIROSLAV
3)H-GLUND, ANDERS

(57) Abstract :

Provided is a method of determining a gaze point of an eye watching a visual display controllable by a display signal. The method comprises generating a display signal using a graphics card in order for the visual display to produce a screen pattern; receiving a signal encoding an image of the eye including a corneo-scleral reflection of the screen pattern; and determining, based on in part the geometry of said reflection, a gaze point of the eye, wherein said determining a gaze point includes utilising the graphics card as 10a parallel processor. The image of the eye may be received directly at the graphics card. The graphics card may extract image features in the eye images. Reference illuminators may be used, and the screen pattern may be interlaced with a distinctive reference pattern. Further provided are a gaze-tracking system and a personal computersystem adapted to determine a gaze point of a viewer.

No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1875/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM, DEVICE, AND METHOD FOR MONITORING COMMUNICATION IN A WIND FARM NETWORK

(51) International classification	:G06F
(31) Priority Document No	:12/548,036
(32) Priority Date	:26/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)KUMAR VIVEK
2)KUMAR HEMANTH A.
3)JOSE CHERY

(57) Abstract :

A system (200) for monitoring a status of communication in a wind farm network from a remote device (210) is provided. The system includes a first wind turbine including a first network node communicatively coupled to the wind farm network. The server (235) includes a first communication interface (255) communicatively coupled to the wind farm network and programmed to determine a first connection status for the first network node (260), the first connection status indicating whether the server is capable of communicating with the first network node, a second communication interface (240) communicatively coupled to the remote device and configured to transmit a network state including the first connection status to the remote device, and a first processor (225) operatively coupled to the first communication interface and the second communication interface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2054/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :30/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : CIRCUITS AND METHODS FOR DRIVING LIGHT SOURCES

(51) International classification	:H05B	(71)Name of Applicant :
(31) Priority Document No	:12/783,260	1)O2 MICRO, INC.
(32) Priority Date	:19/05/2010	Address of Applicant :3118 PATRICK HENRY DRIVE
(33) Name of priority country	:U.S.A.	SANTA CLARA, CALIFORNIA 95054 UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)CHING-CHUAN KUO
(61) Patent of Addition to Application Number	:NA	2)YUNG LIN LIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dimming controller for controlling power of a light source has a monitoring terminal, a dimming terminal, and a control terminal. The monitoring terminal is operable for receiving a current monitoring signal indicating a current flowing through the light source. The dimming terminal is operable for receiving a ramp signal. The voltage of the ramp signal increases if a power switch coupled between a power source and the light source is turned on. The control terminal is operable for providing a control signal to control a control switch coupled in series with the light source based on the current monitoring signal and the ramp signal. An average current of the light source increases as the ramp signal increases until the average current reaches a predetermined level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2116/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :06/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : A ROLLER TYPE TRANSMISSION DEVICE

(51) International classification

:F16H

(31) Priority Document No

:JP2010-

144947

(32) Priority Date

:25/06/2010

(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)KAMOSEIKO KABUSHIKI KAISHA

Address of Applicant :1166, KAMEWARI, MITSUKURI-
CHO, TOYOTA-SHI, AICHI 470-0424 JAPAN

(72)Name of Inventor :

1)KENJI IMASE

2)SUKEJIRO NAGATA

(57) Abstract :

In a roller type transmission device (1), an array (11) of transmission pin rollers is press fit circularly into an inner side surface (10a) of a stationary ring (10), and an array (18) of controllable pin rollers is press fit circularly into an inner side surface (13c) of a rotational ring (13). To pin rollers (11a, 18a), employed are high precision cylindrical rollers or needle rollers which are usually used for a roller bearing or the like. Such is the structure that the array (11) of transmission pin rollers and the array (18) of controllable pin rollers work as inner teeth to make a backlash phenomenon minimum, rendering a pitch distance precise between the pin rollers, maintaining a uniform tooth profile with a high precision, equalizing a surface roughness and improving a meshing precision between the pin rollers (11a, 18a) and the teeth (7a, 8a).

No. of Pages : 42 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2235/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : AUTO-COMPENSATING POWER CONVERTER

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:61/244,187	1)INTERSIL AMERICAS INC.
(32) Priority Date	:21/09/2009	Address of Applicant :1001 MURPHY RANCH ROAD,
(33) Name of priority country	:U.S.A.	MILPITAS, CA 95035 UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BECK, DAVID L.
(87) International Publication No	:NA	2)GIANNOPOULOS, DEMETRI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An auto-compensation method for compensating power regulators configured to generate a regulated output voltage. Auto-compensation may be performed dynamically by determining various coefficients of a compensation function used in compensating the power regulator, based on assumptions about the structure of the regulator and corresponding filters. The method may be used to determine at least the DC loop gain and the position of the compensation zeros, without requiring any prior knowledge of the values of the various components of the system. Furthermore, the selection of the compensation parameters (loop gain, position of zeroes) may be based on measurement of various state variables of the actual power converter, and adjustment of the various coefficients of the compensation function according to the measurements. Since no power-plant model of the power regulator is used, inaccuracies that would be inherent using any method that employs a model of the system instead of the system itself may be eliminated.

No. of Pages : 55 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1850/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PREPARING NATURAL COLORANTS

(51) International classification	:C09B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SACHDEV RAJIV RAI
(32) Priority Date	:NA	Address of Applicant :B.S. IIND FLOOR, EAST OF
(33) Name of priority country	:NA	KAILASH, NEW DELHI-65. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SACHDEV RAJIV RAI
(87) 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 :

Methods of preparing and applying an organic natural colorant are provided A concentrate of the organic natural colorant is obtained from one or more organic natural sources. Particles present in the concentrate are reduced to nano-to-micro particles. A substrate to be colored is treated with one or more bio-enzymes. Subsequently, the organic natural colorant is applied on the treated substrate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1851/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD FOR MAKING SHOES

(51) International classification	:B29D
(31) Priority Document No	:61/233,920
(32) Priority Date	:14/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHEN MING - TE

Address of Applicant :NO. 2, LANE 334, SAN-FON ROAD,
FON CHOU CITY, TAICHUNG HSIEN, TAIWAN, REPUBLIC
OF CHINA

(72)Name of Inventor :

1)CHEN MING - TE

(57) Abstract :

A method for making shoes includes a first mold made of stiff material and a second mold has a concavity in which the shoe is received. The shoe includes a top portion, a connection member and an outsole, wherein the connection member and the outsole are connected to the top portion. The second mold transmits ultra-sonic thermo energy to the connection member and the outsole, so that the connection member and the outsole are properly shrank and securely matched to the top portion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1852/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : NANO-TEXTURED DIELECTRIC SURFACES FOR ENHANCED SENSITIVITY IN ELECTROLYTE-INSULATORSEMICONDUCTOR DEVICES

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Address of Applicant :KANPUR - UTTAR PRADESH

INDIA.

(72)Name of Inventor :

1)SIDDHARTHA PANDA

2)SUBHAM DASTIDAR

(57) Abstract :

A method of fabricating a dielectric material with enhanced sensitivity, comprising: oxidizing the doped (p- or n-type) silicon; hydrolyzing and silanizing the oxide surface; dipping the silanized material in a sol of growing silica particles; and applying the photoresists and creation of contacts.

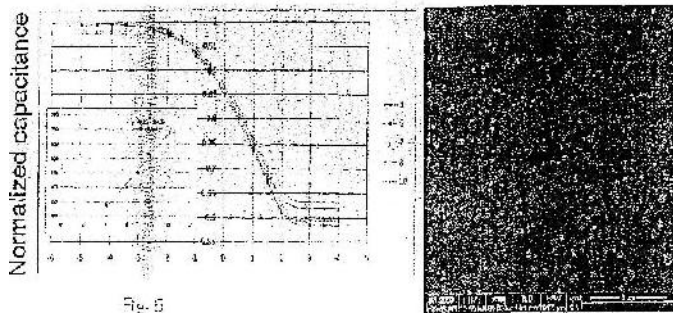


Fig. 6

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1911/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : APPARATUS FOR TRANSFERRING ENERGY USING ONBOARD POWER ELECTRONICS AND METHOD OF MANUFACTURING SAME

(51) International classification	:H02J
(31) Priority Document No	:12/550,504
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(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)KING ROBERT DEAN
2)STEIGERWALD ROBERT LOUIS

(57) Abstract :

An apparatus comprises a first energy storage device (12, 100) configured to output a DC voltage, a first bi-directional voltage modification assembly (14, 102, 104, 106) coupled to the first energy storage device (12, 100), and a charge bus (16) coupled to the first energy storage device (12, 100) and to the first bi-directional voltage modification assembly (14, 102, 104, 106). The apparatus also comprises high-impedance voltage source (62) coupleable to the charge bus (16) and a controller (56) configured to monitor a transfer of charging energy supplied from the high-impedance voltage source (62) to the first energy storage device (12, 100). The controller (56) is also configured to compare the monitored transfer of charging energy with a threshold value and, after the threshold value has been crossed, control the first bi-directional voltage modification assembly (14, 102, 104, 106) to modify one of a voltage and a current of the charging energy supplied to the first energy storage device (12, 100).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2260/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :22/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : A FLUID FLOW ROTARY SWITCH FOR INDICATING SUPPLY OF WATER

(51) International classification	:G05D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GULSHAN KUMAR
(32) Priority Date	:NA	Address of Applicant :S/O SHRI ASHOK KUMAR. V.P. O.-
(33) Name of priority country	:NA	HATLI JAMWALAN (VIA-BHADWAR). TEH. NURPUR,
(86) International Application No	:NA	DISTT. KANGRA-176 200 Himachal Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)GULSHAN KUMAR
(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 fluid flow rotary switch for indicating supply of water comprising of a supporting base with an inlet and outlet accommodating a rotary switch comprising a curved portion on one side with a means for rotation under water pressure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2328/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : CONDENSED AIR SIX STROKE ENGINE ACCOMPANIED BY AIR SEPARATION TECHNIQUE

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DHINGRA IRVEEN
(32) Priority Date	:NA	Address of Applicant :H.NO 47, VIKAS VIHAR,
(33) Name of priority country	:NA	FEROZEPUR CITY, PUNJAB 152001. India
(86) International Application No	:NA	2)DHINGRA ARYAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DHINGRA IRVEEN
(61) Patent of Addition to Application Number	:NA	2)DHINGRA ARYAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

We. Dhingra Irveen and Dhingra Aryan have designed a new condensed air six stroke engine accompanied by air separation technique. In this system air get separated into its two major constituents nitrogen and oxygen either by cryogenic or by non-cryogenic method of air separation. Now the nitrogen is compressed and condensed to specific pressure and temperature by nitrogen compressor and oxygen is mixed with the fuel to produce oxy-fuel charge resulting in more power and pick up from the engine. This internal combustion engine will work as six stroke engine, in which first four stroke of the engine is similar to the four stroke engines i.e. suction stroke, compression stroke, working or power stroke, exhaust stroke. But in addition to it this engine contains two more strokes i.e. coolant or second working or power stroke and exhaust stroke. Hence this engine contains two working or power stroke. In the first power stroke engine burns the oxy-fuel charge. The second power stroke of the engine is produce by expansion of the condensed nitrogen when directly injected to the preheated chamber. Hence, utilizing the complete thermal energy stored in the fuel.

No. of Pages : 20 No. of Claims : 8

(54) Title of the invention : STATIC SPRAY MIXER

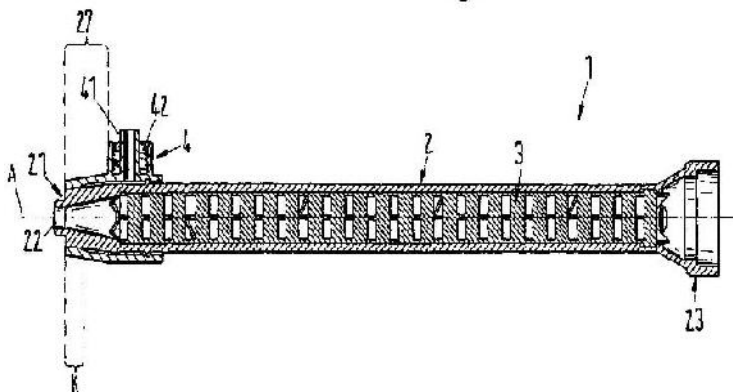
(51) International classification :B05B
 (31) Priority Document No :09 168 285.6
 (32) Priority Date :20/08/2009
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SULZER MIXPAC AG
 Address of Applicant :RUTISTRASSE 7, CH-9469 HAAG,
 SWITZERLAND
 (72)Name of Inventor :
1)ANDREAS HIEMER

(57) Abstract :

A static spray mixer is proposed for the mixing and spraying of at least two flowable components, having a tubular, one-piece mixer housing (2) which extends in the direction of a longitudinal axis (A) up to a distal end (21) which has an outlet opening (22) for the components, having at least one mixing element (3) arranged in the mixer housing (2) for the mixing of the components as well as having an atomization sleeve (4) which has an inner surface which surrounds the mixer housing (2) in its end region, wherein the atomization sleeve (4) has an inlet (41) for a pressurized atomization medium. A plurality of grooves are provided in the outer surface of the mixer housing (2) or in the inner surface of the atomization sleeve (4) which respectively extend in the direction of the longitudinal axis (A) and through which the atomization medium can flow from the inlet (41) of the atomization sleeve (4) to the distal end (21) of the mixer housing (2).

Fig.1



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2150/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : ELECTRICAL CONTACT ELEMENT FOR HIGH-CURRENT PLUG CONNECTORS AND MANUFACTURING METHOD

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:DE 10	1)TYCO ELECTRONICS AMP GmbH
(32) Priority Date	2009041919.5	Address of Applicant :AMPERESTRASSE 12 - 14, 64625
(33) Name of priority country	:17/09/2009	BENSHEIM, GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)FELDMEIER, GUENTER
(87) International Publication No	:NA	2)BRAUN, HORST
(61) Patent of Addition to Application Number	:NA	3)LAMPERT, ZOLTAN
Filing Date	:NA	4)SCHNURPFEL, THOMAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to high-current plug connectors, in particular to electrical contact elements for plug connectors of this type, which are distinguished by low heating even at high currents, and to a corresponding method for manufacturing contact elements of this type. According to the invention, for this purpose, the contact element is made in one piece by internal high-pressure forming from a tubular blank. As a result, the contact element has at each point substantially the same line cross section, so that no local electrical or thermal load peaks can occur.

No. of Pages : 24 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2151/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : POWDER COATING SYSTEM AND METHOD

(51) International classification	:C09D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :DEAN, RESEARCH &
(33) Name of priority country	:NA	DEVELOPMENT, 255, FACULTY BUILDING, IIT KANPUR,
(86) International Application No	:NA	KANPUR - 208016, UTTAR PRADESH, INDIA.
Filing Date	:NA	2)CENOGEN MATERIALS PVT. LTD.
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MONDAL, KALLOL
Filing Date	:NA	2)MANDAL, TAPENDU
(62) Divisional to Application Number	:NA	3)PRAKASH, PREM
Filing Date	:NA	

(57) Abstract :

Described herein is a system (100) for coating. The system (100) includes a holder assembly (102) to hold a substrate and an impact assembly (104) configured to provide a number of strikes onto a surface of the substrate along an axis substantially perpendicular to a plane of the holder assembly (102). The surface faces a punch of the impact assembly (104). The strikes coat a powder material that is kept on the surface. For the purpose, a first drive assembly (106) is coupled to the impact assembly (104) and is configured to move the impact assembly (104) along the axis to facilitate the strikes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2010

(21) Application No.2339/DEL/2010 A

(43) Publication Date : 25/10/2013

(54) Title of the invention : BATTERY POWER SOURCE

(51) International classification

:H02J

(31) Priority Document No

:2009-
249160

(32) Priority Date

:29/10/2009

(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 100-8280 JAPAN.

2)HITACHI VEHICLE ENERGY, LTD

(72)Name of Inventor :

1)SETO SADASHI

(57) Abstract :

A battery power source includes: a chassis, in which a cooling air path is formed, with the chassis comprising a cooling air inlet; a plurality of cells arranged in the cooling air path; and a temperature sensor that detects temperature at a cell. A through hole for fixing sensor formed on a chassis wall and a groove for wiring formed on an outer peripheral surface of the chassis wall are formed on the chassis. The temperature sensor includes: a sensor section that is inserted from an outside of the chassis and fixed to the through hole for fixing sensor and a front end portion of the sensor section thermally contacts a region to be measured of the cell; and a wire that is drawn from a portion, which is exposed to an outside of the chassis, of the sensor section and is set up inside a groove formed on an outer peripheral surface of the chassis wall.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1848/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : COMPLIANT NON-JAMMING END OF TRAVEL STOP FOR A BALL SCREW ACTUATOR

(51) International classification	:F16H
(31) Priority Document No	:12/568,759
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HAMILTON SUNDSTRAND CORPORATION
Address of Applicant :ONE HAMILTON ROAD, WINDSOR
LOCKS, CONNECTICUT 06096, U.S.A.
(72)**Name of Inventor :**
1)HIMMELMANN RICHARD A.

(57) Abstract :

A linear actuator includes a first structure having an axis. A second structure is configured to translate relative to the first structure in response to rotation of the first structure. First and second stops are respectively operatively connected to the first and second structures. The first and second stops are configured to engage with one another at a travel limiting position. A compliant member is operatively arranged between the first and second structures and is configured to absorb energy between the first and second structures in the travel limiting position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1849/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SENSOR HEAD FOR A DRY POWDER AGENT

(51) International classification

:G01N

(31) Priority Document No

:12/564,896

(32) Priority Date

:22/09/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(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)SCOTT AYERS

2)DHARMENDR LEN

3)ADITYANAND GIRDHARI

(57) Abstract :

A sensor head for a dry powder agent according to an exemplary aspect of the present disclosure includes a housing defined along an axis along which light is communicated, the housing defines a multiple of apertures transverse to the axis and in communication with a measurement volume along the axis. Each of the multiple of apertures defines a longitudinal length along the axis which is less than a lateral length defined around the axis. A mirror is within the housing to reflect the light through the measurement volume.

No. of Pages : 33 No. of Claims : 18

(54) Title of the invention : COOLING APPARATUS FOR A HYBRID VEHICLE

(51) International classification

:B60K

(31) Priority Document No

:JP 2009-

218938

(32) Priority Date

:24/09/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUZUKI MOTOR CORPORATION

Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN

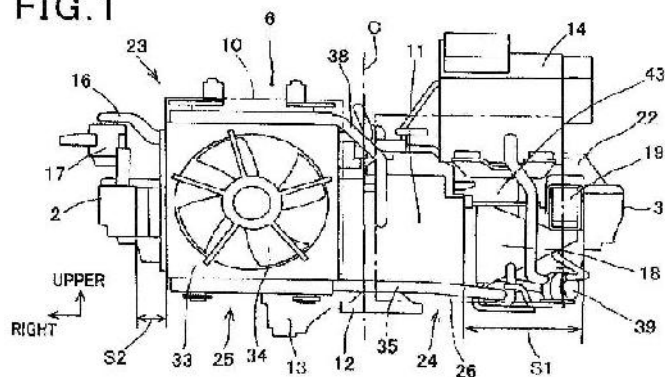
(72)Name of Inventor :

1)TAKELI, TOSHIO

(57) Abstract :

Cooling apparatus for a hybrid vehicle is provided in which a power unit (9), in which an engine (10) and a generator (11) are arranged in the vehicle width direction between side members (2, 3) and a drive motor (12) and a differential apparatus (13) are arranged behind the generator one above the other, with an inverter (14) arranged to lie above the generator and said drive motor; and a first radiator (26) for cooling the engine and a second radiator (33) for a cooling circuit for electric motor apparatus essentially consisting of the generator, drive motor, and inverter are arranged in the vehicle width direction at the front of the engine compartment. The power unit (9) is arranged at a position between the pair of right and left-hand members so as to be offset towards an engine-side side member (2) of said pair of right and left-hand members whereby a gap (S1) formed between the generator and a generator-side side member (3) of the pair of right and left-hand members is larger than a gap (S2) formed between the engine and the engine-side side member, thereby avoiding propagation of heat from the generator and the drive motor to the inverter and improving the heat radiating performance of the first radiator.

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2335/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : TOPICAL CURCUMIN FORMULATION

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANJAB UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :UNIVERSITY INSTITUTE OF
(33) Name of priority country	:NA	PHARMACEUTICAL SCIENSES, PANJAB UNIVERSITY,
(86) International Application No	:NA	SECTOR 14, CHANDIGARH 160014, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)KAUR, INDU, PAL
(61) Patent of Addition to Application Number	:NA	2)AGRAWAL, RUMJHUM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to pharmaceutical elastic vesicular system comprising Curcumin or its pharmaceutically acceptable salts, solvates, derivatives, enantiomers, polymorphs or mixtures thereof having improved cutaneous bioavailability. The present invention also relates to use of said elastic vesicular system for prophylaxis, treatment, prevention, mitigation and clinical management of cancer, aging and inflammatory diseases, infectious(bacterial, viral and fungal) or immunomodulatory disorders or conditions including acne control for topical application to a subject in need thereof.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6352/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : A CONNECTOR AND ELECTRICAL TRACKS ASSEMBLY•

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:0805674.9	1)ROLLS ROYCE PLC
(32) Priority Date	:28/03/2008	Address of Applicant :65 BUCKINGHAM GATE, LONDON,
(33) Name of priority country	:U.K.	SW1E 6AT, U.K.
(86) International Application No	:PCT/GB2009/050292	(72)Name of Inventor :
Filing Date	:26/03/2009	1)BAILEY John
(87) 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 connector and electrical tracks assembly comprises a connector with a plurality of electrical contacts; said connector being connectable to a further connector at a first extremity; said connector being connectable at a second extremity to a circuit board portion with a plurality of electrical tracks; wherein a circuit board portion is located between a first layer of plastic thermosetting composite material of fibre and filler and a second layer of plastic thermosetting composite material of fibre and filler.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1888/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : AN IMPROVED AND INTEGRATED VENT DUCTS FOR CNG AND LPG SYSTEMS

(51) International classification	:F22B	(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)PRASENJIT KHAN
(87) International Publication No	:NA	2)SHRIGANESH UMBARKAR
(61) Patent of Addition to Application Number	:NA	3)SIRAJ MANSURI
Filing Date	:NA	4)ABHILASH SAVIDHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved and integrated vent ducts for CNG and LPG systems comprising of twin ducting for venting atleast two holes on single vent duct and a snap fit type of locking for mounting onto the floor.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1889/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SCAR PRIMERS AND A KIT FOR THE AUTHENTICATION OF UNANI DRUG SUDAB (RUTA GRAVEOLENS) AND ITS ADULTERANT EUPHORBIA DRACUNCULOIDES

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CENTRAL COUNCIL FOR RESEARCH IN UNANI
(32) Priority Date	:NA	MEDICINE
(33) Name of priority country	:NA	Address of Applicant :CENTRAL COUNCIL FOR
(86) International Application No	:NA	RESEARCH IN UNANI MEDICINE NO. 61-65,
Filing Date	:NA	INSTITUTIONAL AREA, OPP. D'-BLOCK JANAKPURI, NEW
(87) International Publication No	:NA	DELHI-110058. India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)M.Z.ABDIN
(62) Divisional to Application Number	:NA	2)KHANDA JABEEN MIRZA SALIM KHAN
Filing Date	:NA	3)MATHER ALI KHAN

(57) Abstract :

This invention relates to a SCAR Primers and a Kit for the Authentication of Unani Drug Sudab (Ruta graveolens) and its adulterant Euphorbia dracunculoides, 1(a) Genuine drug ,Sudab (Ruta graveolens), 5-CGTGTCAGGAGGAGAGAAAAA-3, 5CCATCCAAGAAAGGGAATCA-3, and its adulterant 1(b) Euphorbia, 5CGGGAATTTCGATTGTCCTACT-3, 5CACTAGTGATTTGTCCTACTCG-3 and a kit for authentication of genuine drug, which comprises: kit an oligonucleotide primer set genuine drug Ruta graveolens comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:27 (5-CGTGTCAGGAGGAGAGAAAAA-3), and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:28 (5CCATCCAAGAAAGGGAATCA-3),.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5815/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : PROFILED STEEL DECK

(51) International classification	:E04B
(31) Priority Document No	:0805387.8
(32) Priority Date	:25/03/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2008/003020
Filing Date	:08/09/2008
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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NP16 6UN, GREAT BRITAIN U.K.

(72)**Name of Inventor :**
1)MULLET, DEREK, LEONARD

(57) Abstract :

A profiled deck is roll-formed from a steel sheet to define at least one pair of crests, a stiffener upstanding from the surface of each crest, a trough positioned between the or each pair of crests, and inclined webs extending between the sides of the trough and the neighbouring sides of the crests. The boundary between each web and crest defines a corner which has a smooth curvilinear profile and the elemental compression width of each crest is no more than four times the elemental compression width of the respective stiffener. Furthermore, the radius of each curvilinear corner is not less than 33mm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6364/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : POLYIMIDE-CO-POLYBENZOXAZOLE COPOLYMER, PREPARATION METHOD THEREOF, AND GAS SEPARATION MEMBRANE COMPRISING THE SAME•

(51) International classification :C08G
(31) Priority Document No :10-2008-0018327
(32) Priority Date : -
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/001282
Filing Date :06/03/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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FOUNDATION HANYANG UNIVERSITY**
Address of Applicant :Rm110 1Fr. HIT B/D 17 Haengdang-
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(72)Name of Inventor :
**1)LEE Young Moo
2)LEE Jae-Eun
3)JUNG Chul-Ho
4)PARK Ho-Bum**

(57) Abstract :

Disclosed herein are a polyimide-polybenzoxazole copolymer, a method for preparing thereof and a gas separation membrane comprising the same. More specifically, provided are a polyimide-polybenzoxazole copolymer simply prepared through thermal-rearrangement performed by thermally treating a polyimide-poly (hydroxyimide) copolymer as a precursor, a method for preparing the same, and a gas separation membrane comprising the same. The copolymer shows superior gas permeability and gas selectivity, thus being suitable for use in gas separation membranes in various forms such as films, fibers or hollow fibers. The gas separation membrane thus prepared can advantageously endure even harsh conditions such as long operation time acidic conditions and high humidity due to the rigid polymer backbone present in the copolymer.

No. of Pages : 83 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6365/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :08/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : PREPARATION METHOD OF POLYBENZOXAZOLES BY THERMAL REARRANGEMENT, POLYBENZOXAZOLES PREPARED THEREBY, AND GAS SEPARATION MEMBRANE COMPRISING THE SAME•

(51) International classification :C08G
(31) Priority Document No :10-2008-0022970
(32) Priority Date : -
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/001419
Filing Date :13/03/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
**1)LEE Young Moo
2)KIM Keun-Young
3)JUNG Chul-Ho
4)PARK Ho-Bum**

(57) Abstract :

Disclosed herein are a method for preparing a benzoxazole-based polymer by thermal rearrangement, the benzoxazole-based polymer prepared by the method and a gas separation membrane comprising the polymer. More specifically, provided are a method for preparing a benzoxazole-based polymer by subjecting poly(hydroxyamide) as an intermediate to thermal treatment involving dehydration, the benzoxazole-based polymer obtained thereby and gas separation membrane comprising the polymer. The benzoxazole-based polymer of the present invention can be simply prepared by thermally rearrangement via thermal treatment at low temperatures, and thus exhibits superior mechanical and morphological properties and has well-connected microcavities. Due to showing excellent permeability and selectivity for various gases, the benzoxazole-based polymer is suited for application to gas separation membranes, in particular, gas separation membranes for small gases.

No. of Pages : 67 No. of Claims : 35

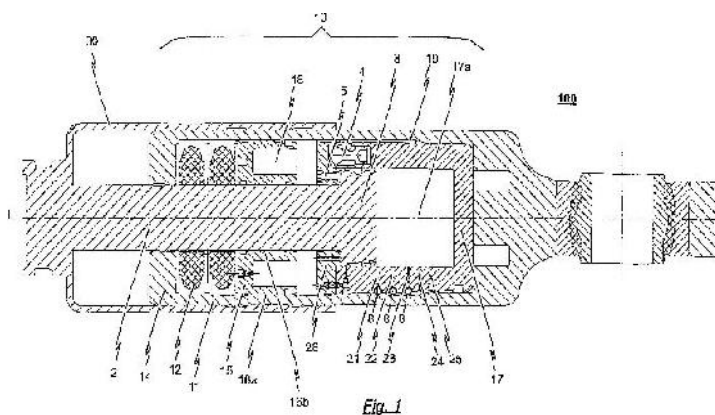
(54) Title of the invention : DEVICE FOR DAMPING TRACTIVE AND COMPRESSIVE FORCES

(51) International classification :B61G
 (31) Priority Document No :EP 09 171 936.9
 (32) Priority Date :01/10/2009
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)Name of Inventor :
1)MOMBOUR, KLAUS

(57) Abstract :

The invention relates to a device (100) for damping tractive and compressive forces which is designed to damp forces acting in both the tractive and compressive directions over as wide a range as possible, the device (100) at the same time operating in such a way as to be free of wear and being notable in particular for its small overall length. For this purpose provision is made for the device (100) to have a damping system (10) which is held in a housing (11) and which has a resilient unit (12) and a hydraulic damping arrangement (13), and to have a piston rod (2) which is displaceable in the longitudinal direction (L) relative to the housing (11) of the damping system (10). Formed in an end region of the piston rod (2) is a piston head (3) which is held in a first hydraulic chamber (17) of the hydraulic damping arrangement (13) in such a way as to be displaceable. If there is a longitudinal movement of the piston head (3) relative to the first hydraulic chamber (17), hydraulic fluid flows in a throttled manner, via a transfer-flow system, to a second hydraulic chamber (18) of the hydraulic damping arrangement (13).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2265/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :22/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MANIPULATING A COMPONENT OF A WIND TURBINE

(51) International classification	:F03D
(31) Priority Document No	:12/574,023
(32) Priority Date	:06/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)NIES JACOB JOHANNES

(57) Abstract :

A wind turbine (2) includes a tower member (4) a yaw system (12), and a wind energy collection system (14). The wind energy collection system (14) includes a central hub (16) and a plurality of blade members (20-22). The wind turbine (2) further includes a component manipulating system (46, 160) operatively coupled between at least one of the plurality of blade members (20-22) and the tower member (4). The component manipulating system (46, 160) includes a blade member support structure (54, 166) including a first end (60, 185, 191, 214, 217, 220) pivotally connected relative to the tower member (4) that extends to a second end (61, 186, 192, 215, 218, 221) operatively coupled to the one of the plurality of blade members (20-22), and a winching system (141) operatively connected to the one of the plurality of blade members (20-22) and the tower member (4). The winching system (141) is selectively operated to shift the one of the plurality of blade members (20-22) relative to the tower member (4) in order to enable serving of the wind turbine (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2331/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : HIGH-FUNCTIONAL POLYISOCYANATES CONTAINING ALLOPHANATE AND SILANE GROUPS

(51) International classification	:C08G
(31) Priority Document No	:102009047964.3
(32) Priority Date	:01/10/2009
(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)BAYER MATERIALSCIENCE AG
Address of Applicant :51368 LEVERKUSEN, GERMANY
(72)**Name of Inventor :**
1)HANS-JOSEF LAAS
2)THOMAS BAKER
3)MARKUS MECHTEL

(57) Abstract :

The invention relates to high-functional polyisocyanates containing allophanate and silane groups, a method for their production and their use as a starting component in the production of polyurethane plastics, in particular as a crosslinker component in polyurethane paints and coatings.

No. of Pages : 47 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6580/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :18/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : FLUORINATED ELASTIC COPOLYMER AND PRODUCTION PROCESS

(51) International classification :C08F
(31) Priority Document No :2008-087936
(32) Priority Date :28/03/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/052940
Filing Date :19/02/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)KOSE Takehiro
2)SEKI Mitsuru
3)FUNAKI Hiroshi
4)MATSUOKA Yasuhiko

(57) Abstract :

To provide a fluorinated elastic copolymer having high crosslinkability, having high flowability and excellent in the compression set and the resistance to bases, and its production process. A process for producing a fluorinated elastic copolymer, which comprises copolymerizing (a) tetrafluoroethylene and (b) propylene and as the case requires, (c) a perfluoro(alkyl vinyl ether) in the presence of an iodine compound represented by the formula RI₂ (wherein R is a hydrocarbon group or perfluoroalkyl group having at least 3 carbon atoms) at a temperature of from 0°C to 50°C, and a fluorinated elastic copolymer obtained by the production process.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6579/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :18/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : POWER SUPPLY APPARATUS

(51) International classification	:H02M
(31) Priority Document No	:2008-045303
(32) Priority Date	:26/02/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/053453
Filing Date	:25/02/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PANASONIC CORPORATION
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA, JAPAN
(72)**Name of Inventor :**
1)OKAMOTO Shinichiro
2)KAGAWA Takuya
3)KOSHIN Hiroaki

(57) Abstract :

A power supply apparatus (10) includes one first power device (30) and a plurality of second power devices (41, 42, and 43). The power supply apparatus is configured to operate simultaneously the first power device (30) and the plurality of the second power devices (41, 42, and 43) to supply a DC power therefrom to a load device (92). The first power device (30) has its output voltage of a DC voltage kept constant irrespective of a magnitude of an output current of the first power device (30). The second power devices (41, 42 and 43) have its output voltage of a DC voltage which decreases monotonically as an output current of the second power devices (41, 42, and 43) increases, respectively.

No. of Pages : 67 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2228/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : DIRECT SOLAR WATER HEATER

(51) International classification	:F24J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KAUSHAL ARVIND
(32) Priority Date	:NA	Address of Applicant :397/B-2, OFFICERS COLONY,
(33) Name of priority country	:NA	BITNA ROAD, PINJORE, DISTT. PANCHKULA, HARYANA-
(86) International Application No	:NA	134102 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)KAUSHAL ARVIND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The title of the invention is Direct Solar Water Heater. It is a storage type of solar water heater and resembles a solar still. With double glass cover at top and solar radiation boosting mirrors at three sides, thermostatic control valves for vapour discharge and air inlet are attached at the top and middle of the device respectively. The excess heater tank capacity allows the heater to store heat in case of cloudy weather or for any overload in demand. A well insulated top cover opens with sunrise and closes automatically on the tank in the evening. This solar water heater has high efficiency of water heating since heat transfer is done directly to water by sun rays. It has an auxiliary electrical heating arrangement and also a water purification unit for providing safe drinking water.

No. of Pages : 17 No. of Claims : 12

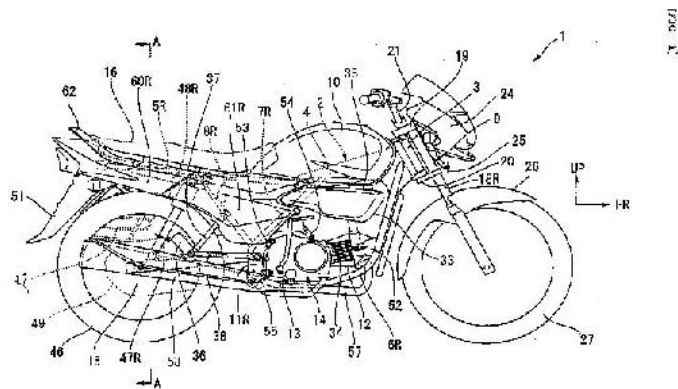
(54) Title of the invention : REAR STRUCTURE FOR SADDLE-RIDE TYPE VEHICLE

(51) International classification :B60K
 (31) Priority Document No :2009-257134
 (32) Priority Date :10/11/2009
 (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)AKIHIKO NISHIMOTO
2)HIROAKI MATSUURA
3)AKIRA KATO

(57) Abstract :

[Object] To provide a rear structure for a saddle-ride type vehicle which allows reducing air resistance to travelling wind and providing an excellent appearance quality. [Solving Means] In a vehicle including rear cowls 60L and 60R installed above a rear wheel in such a way as to cover the rear wheel and a grab rail 62 in a rear portion of a vehicle, the rear cowls 60L and 60R respectively include recesses 70L and 70R. The grab rail 62 has a substantially U-shape, and includes a grab main body portion 75 to be gripped by an occupant and vehicle-side attachment portions 76L and 76R attached to the vehicle. The vehicle-side attachment portions 76L and 76R are housed in the recesses 70L and 70R in such a way that each of the rear cowls 60L and 60R and a corresponding one of the vehicle-side attachment portions 76L and 76R of the grab rail 62 form a continuous surface. [Selected Drawing] Fig. 2



No. of Pages : 33 No. of Claims : 6

(54) Title of the invention : A CATALYTIC CONVERSION PROCESS FOR PRODUCING MORE DIESEL AND PROPYLENE

(51) International classification :C10G
 (31) Priority Document No :200910177174.4
 (32) Priority Date :28/09/2009
 (33) Name of priority country :China
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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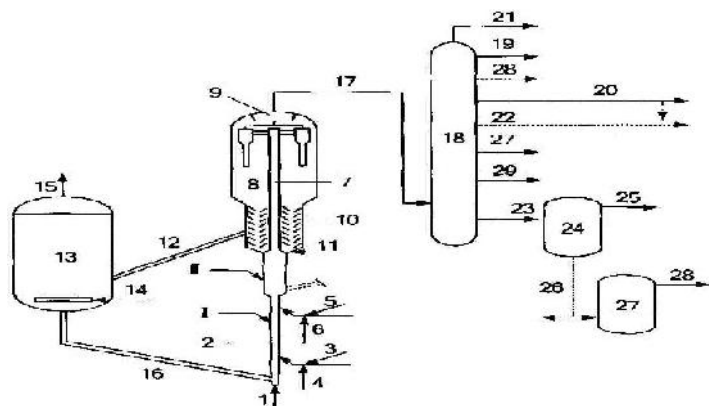
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(57) Abstract :

The present invention relates to a catalytic conversion process for producing more diesel and propylene, comprising contacting the feedstock oil with a catalyst having a relatively homogeneous activity in a reactor, wherein the reaction temperature, weight hourly space velocity and weight ratio of the catalyst/feedstock oil are sufficient to obtain a reaction product containing from 12 to 60% by weight of a fluid catalytic cracking gas oil relative to the weight of the feedstock oil; the fluid catalytic cracking gas oil is fed into the fluid catalytic cracking gas oil treatment device for further processing. Catalytic cracking, hydrogenation, solvent extraction, hydrocracking and process for producing more diesel are organically combined together, and hydrocarbons such as alkanes, alkyl side chains in the feedstocks for catalysis are selectively cracked and isomerized. Meanwhile, aromatics in the feedstocks, which enter into the diesel fraction, are minimized, and the retention of other components in the diesel fraction by the production of aromatics via the reaction such as aromatization and the like is avoided. While the feedstocks are converted into high cetane number diesel and propylene, the yields of dry gas and coke are significantly reduced, and the breaking tendency and consumption of the catalyst are decreased.



No. of Pages : 55 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2060/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :31/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : AN AUTOMATIC BOTTLE EJECTOR SYSTEM USED WITH BIOLOGICAL WASTE TREATMENT & CONTROL DISCHARGE SYSTEM FOR RAILWAY PASSENGER COACHES

(51) International classification	:B08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AIKON TECHNOLOGIES PVT. LTD,
(32) Priority Date	:NA	Address of Applicant :14/3, MATHURA ROAD, HAVELL'S
(33) Name of priority country	:NA	CROSSING FARIDABAD-121003 (HARYANA) India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAGPREET SINGH LAMBA
(87) International Publication No	:NA	2)AIKON TECHNOLOGIES PVT. LTD,
(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 an automatic bottle ejector system used with biological waste treatment system for railway passenger coaches comprising of a chamber provided with a flapper valve and atleast two openings wherein one opening is connected to biological tank and other opening is in communication with a chute, and said chamber is disposed with an inclined cage for accommodating bottle.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2230/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : LONG STROKE BLOW HEAD MECHANISM

(51) International classification	:C03B	(71)Name of Applicant :
(31) Priority Document No	:12/565,987	1)EMHART GLASS S.A.
(32) Priority Date	:24/09/2009	Address of Applicant :HINTERBERGSTRASSE 22, CH-6330
(33) Name of priority country	:U.S.A.	CHAM, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TIMOTHY A. RINGUETTE
(87) 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 improved and mechanically simplified blow head mechanism for blowing a parison and internally cooling the blown parison is disclosed which may be used with an I.S. machine to blow a parison to form a glass container and then internally cool the blown parison below the annealing point. The blow head mechanism has a cooling tube which supplies final blow and cooling air and which is raised or lowered by raising or lowering the blow head mechanism. The blow head mechanism supports a blow head with a pressurized cylinder which maintains the blow head in a position in engagement with the finish of a parison once initially lowered irrespective of the blow head mechanism being further lowered to lower the cooling tube into the blown parison.

No. of Pages : 72 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2295/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : POLYPROPYLENE RESIN COMPOSITION FOR CREATING FABRIC TEXTURE

(51) International classification

:C08L

(31) Priority Document No

:10-2009-
0091452

(32) Priority Date

:02/12/2009

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

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Filing Date

:NA

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3)JANG KYEONG HOON

4)AHN BYUNG-WOO

5)YU JEONG-YEOL

(57) Abstract :

According to preferred aspects, the present invention provides a polypropylene resin composition for creating a fabric texture, the polypropylene resin composition comprising: a polypropylene resin containing at least two selected from the group consisting of a homopolypropylene, a propylene-ethylene copolymer, and a high crystalline polypropylene (HCPP); a polypropylene elastomer; an ethylene- α -olefin copolymer; an inorganic filler; a cellulose fiber; and a volcanic rock. A molded product prepared using the polypropylene resin composition of the present invention has matt properties, do not cause odor due to their excellent VOC adsorption capabilities, and have excellent properties such as low temperature impact resistance, scratch resistance, etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2189/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : A COMPUTER SYSTEM FOR IMPLEMENTING A PROCESS OF E-LEARNING TO STUDENTS

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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2)HITESH SHARMA

3)PRASHANT SINGH

4)ASHUTOSH SHARMA

5)SUMIT KUMAR

6)KULBEER SINGH GILL

7)MANISHA RAJ

8)NANDITA SHARMA

9)NIT NAVODIT

10)MANISH GUPTA

(57) Abstract :

The invention relates to a computer System for implementing a process of e-learning, comprising at least an user-specific input/output interface layer (1) having a voice processor, means for capturing visual input relating to users movement, and a Kinesthetic input/output means; a sensor-based Input-output layer(2) supporting a plurality of sensors capturing multiple operating conditions; a net-work based input-output layer (3) to maintain communications and data transfers from the system to the external world; and a computer engine (4) constituting an application software enabled to receive, process including computation and output data received from the operating layers of the system and redirect one or all of the output to multiple output channels of the said operating layers.

No. of Pages : 15 No. of Claims : 6

(54) Title of the invention : A METHOD AND A DEVICE FOR AUTHENTICATION OF WEIGHT, UPDATION OF INVENTORY AND REALIZATION OF PAYMENT AGAINST DELIVERY OF LPG CYLINDER

(51) International classification	:G07F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KAMAL KUMAR
(32) Priority Date	:NA	Address of Applicant :E-37 GROUND FLOOR, MASJID
(33) Name of priority country	:NA	MOTH, GREATER KAILASH, NEW DELHI-110048, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAMAL KUMAR
(87) 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 electronic device comprising of a weigh scale with digital display, RFID SMART Card Reader, GSM/GPRS module and various Function Keys to ensure the Fair delivery of LPG cylinders at homes in terms of Accurate weight, Time of delivery information and empowering customer to authenticate, accept or deny a delivery. The said device is capable to send instant Real-time information of every delivery with weight, money collection information, customer information and Time stamp to the Inventory/Central Server (Automatic Inventory Update). The device is also capable of sending alerts related to less-weight delivery, low battery etc. to the customer as well as the Agency and/or Company. Fig. 1

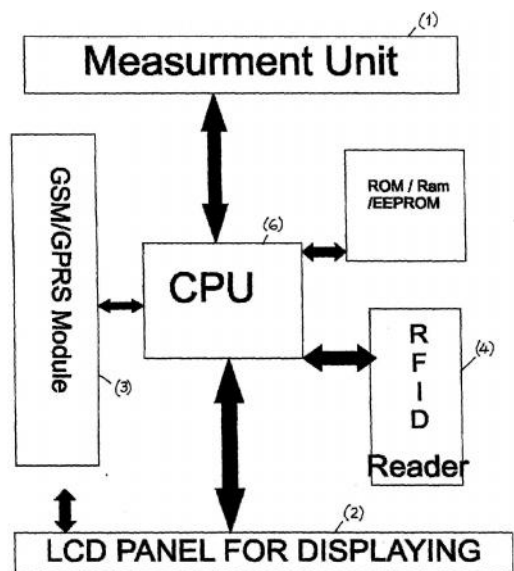


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2259/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :22/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : AN EXHAUST GASES RECIRCULATION DIFFUSER FOR ENGINE

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS LIMITED, AGRI MACHINERY GROUP,
(32) Priority Date	:NA	Address of Applicant :AGRI MACHINERY GROUP, 18/4,
(33) Name of priority country	:NA	MATHURA ROAD, FARIDABAD-121 007 Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIKAS DHIMAN
(87) 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 :

This invention relates to an exhaust gases recirculation diffuser for engine comprising of a perforated hollow closed pipe, which exhausts gases re-circulated from exhaust manifold to intake manifold through exhaust gases recirculation cooler and exhaust gases re-circulation diffuser.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6219/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : LIGHTING SYSTEM AND METHOD FOR TESTING WHETHER AT LEAST TWO GAS DISCHARGE LAMPS TO BE OPERATED BY AN EVG ARE THE SAME TYPE

(51) International classification	:H05B
(31) Priority Document No	:10 2008 012 453.2
(32) Priority Date	:04/03/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/001491
Filing Date	:03/03/2009
(87) International Publication No	:WO 2009/112180
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)TRIDONIC GMBH & CO KG
Address of Applicant :FARBERGASSE 15, A-6851
DORNBIRN, AUSTRIA
(72)Name of Inventor :
1)FLAX, DIRK
2)HOEGL, ANDREAS
3)MITTERBACHER, ANDRE

(57) Abstract :

The invention relates to a method for testing whether at least two gas discharge lamps (L1, L2) to be operated with an electronic ballast (V) are the same type. The coil voltage and the coil current of each hot coil (W1b, W2b) of each gas discharge lamp (L1, L2) is measured in relation to a first time point and the coil resistances (R1cold, R2cold) are calculated therefrom. The absolute differential resistance (IRdiff I) is then calculated from both coil resistances (R1cold, R2cold). This is compared to a higher and a lower reference value (Ref1, Ref2), said comparison providing an indication as to whether both of the gas discharge lamps (L1, L2) are the same type.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2298/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : AN IMPROVED CLASP BRAKE FOR APPLYING BRAKE.

(51) International classification	:B61H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS LIMITED, AGRI MACHINERY GROUP,
(32) Priority Date	:NA	Address of Applicant :18/4, MATHURA ROAD,
(33) Name of priority country	:NA	FARIDABAD-121 007 Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJNEESH AGARWAL
(87) International Publication No	:NA	2)SHOBHIT GUPTA
(61) Patent of Addition to Application Number	:NA	3)MUKESH KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved clasp brake for applying brake comprising of a rotating drum mounted on engine assembly, trailing shoes mounted on leading shoes and oblong cam actuator is connected with operating lever.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2340/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : ELECTRICAL STORAGE DEVICE

(51) International classification	:H01G
(31) Priority Document No	:2009-297794
(32) Priority Date	:28/12/2009
(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 100-8280 JAPAN.

2)HITACHI VEHICLE ENERGY, LTD

(72)Name of Inventor :

1)TSURUMI YOSHIHISA

2)FUJINO SHINICHI

3)SETO SADASHI

(57) Abstract :

An electrical storage device includes: a conductive battery house casing electrically connected to a chassis; a plurality of battery cells held in the battery house casing; and a control unit that comprises a circuit that manages the plurality of battery cells and is mounted on the battery house casing so that a negative terminal of the circuit and the battery house casing are electrically conducting.

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

(54) Title of the invention : ENERGY-ACTIVATED ROOM TEMPERATURE-PUMPABLE POLYMER COMPOSITIONS AND DEVICES FOR ACTIVATING AND DISPENSING THE SAME

(51) International classification :C08K
 (31) Priority Document No :61/031,405
 (32) Priority Date :26/02/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2009/035115
 Filing Date :25/02/2009
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)H.B. FULLER COMPANY

Address of Applicant :1200, WILLOW LAKE
 BOULEVARD, P.O. BOX 64683, ST PAUL, MN 55164-0683,
 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)Michael W. JORGENSEN**2)David J. ALESSIO****3)Samuel DIPRE****4)Kenneth E. HEYDE****5)Jeffrey C. KROTINE****6)Anthony A. PARKER****7)William C. STUMPHAUSER****8)Joseph J. WOLF**

(57) Abstract :

Energy-activated room temperature-pumpable polymer compositions, devices for activating and processing the same into solid cellular or non-cellular polymeric materials that can be used as adhesives, sealants, coatings or gasket materials, and methods of making and using the same. The compositions according to the invention include solid particles that include one or more polymers, which are emulsified, dispersed or suspended in a liquid carrier together with at least one processing aid, such as a reactive blowing agent, a low molecular weight surfactant, a high molecular weight surfactant, one or more compounds found in latex paint, starch, cellulosic derived products and combinations of two or more thereof. The processing aids provide various benefits including, for example, reduced density, improved process hygiene, improved foam stability, faster bonding times and /or lower processing temperatures.

No. of Pages : 97 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1885/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :11/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : AEROFOIL CONTROLLED PENDULAM UNIT

(51) International classification

:F03D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)JITENDRA SHAH

Address of Applicant :C/O. MR. MERWYN WILLIAMS, 8

BRITAINIA TERRACE, PENGAM, NR. BLACKWOOD,

GWENT - NP12 3TE, U.K.

(72)Name of Inventor :

1)JITENDRA SHAH

(57) Abstract :

The present invention provides aerofoil controlled pendulum unit that gives negative lift. It has pendulum attached on the both the side of the speed boat or speed vehicles, the pendulum are attached with the help of the aerofoil shaped structure or stand on transverse direction This arrangement is on front side of the speed vehicles as well as on the middle to back side of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1886/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD FOR IMPROVED SCALING OF FILTERS

(51) International classification	:B01D
(31) Priority Document No	:61/274,142
(32) Priority Date	:13/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MILLIPORE CORPORATION
Address of Applicant :290 CONCORD ROAD, BILLERICA,
MA 01821, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)SAL GIGLIA
2)KEVIN RAUTIO
3)MARK BLANCHARD

(57) Abstract :

Method of reducing performance variability of membrane scaling devices. Scaling device performance uncertainty is reduced, thereby reducing the scaling safety factor, by specifying a narrow range or subset of the set of all qualified manufactured membranes for installation into scaling devices. In certain embodiments, the scalability factor is reduced by determining where within the performance distribution a particular membrane lies, and adjusting the scaling factor accordingly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1887/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : HOLDING MODULE FOR HEAT EXCHANGER TUBES

(51) International classification	:F28F
(31) Priority Document No	:102009039816.3
(32) Priority Date	:02/09/2009
(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)JUSTL, JOHANN

(57) Abstract :

The invention relates to a holding module for heat exchanger tubes, a rack with such holding modules as well as a method for setting up such a rack. The holding module comprises a lower module half which comprises several recesses into each of which one heat exchanger tube can be placed, an upper holding module half which comprises several recesses and which can be placed onto the lower holding module half such that its recesses are lying opposite to the recesses of the lower holding module half, such that the heat exchanger tubes are held in the recesses. Furthermore, at least one connecting element is provided which connects the upper and the lower holding module halves.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1945/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :17/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SCAR PRIMERS AND A KIT FOR THE AUTHENTICATION OF UNANI DRUG ZARISHK (BERBERIS ARISTATA) AND ITS ADULTERANT DARU HARIDRA (COSCONIUM FENESTRATUM).

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CENTRAL COUNCIL FOR RESEARCH IN UNANI
(32) Priority Date	:NA	MEDICINE
(33) Name of priority country	:NA	Address of Applicant :NO. 61-65, INSTITUTIONAL AREA,
(86) International Application No	:NA	OPP. 'D'-BLOCK JANAKPURI, NEW DELHI-110058. India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)M.Z.ABDIN
(61) Patent of Addition to Application Number	:NA	2)KHANDA JABEEN MIRZA SALIM KHAN
Filing Date	:NA	3)PARWEJ AHMAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to SCAR Primers and a Kit for the Authentication of Unani Drug Zarishk {Berberis aristata} and its adulterant Daru haridra (Cosciniun fenestratum), 1(a) Genuine drug ,Zarishk (Berberis aristata), 5-TCCCCTCCTCGACTCGCACA-3, 5-ACCGAGGAA-GAGGAACTCGTTACTTCCACG-3, and its adulterant 1(b)Daru Haridra (Cosciniun fenestratum), 5-GCCAATCTTCTTCCTGCTGTCCC-3, 5- CGCAGAATACTTTGGC -TCCTGAGGT-3, and a kit for authentication of genuine drug, which comprises: kit 5, (a) an oligonucleotide primer set genuine drug Berberis aristata comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:19 (5-TCCCCTCCTCGACTCGCACA-3) and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:4 (5- ACCGAGGAACTCGTTACTTCCACG-3), (b) an oligonucleotide primer set for the adulterant Cosciniun fenestratum that comprises a forward oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:21(and 5- GCCAATCTTCTTCCTGCTGTCCC-) and a reverse oligonucleotide primer having the nucleotide sequence set forth in SEQ ID NO:22 (5-CGCAGAATACTTTGGCTCCTGAGGT-3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1893/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING WIND TURBINES AND ENHANCED DIAGNOSTICS

(51) International classification	:G21C	(71)Name of Applicant :
(31) Priority Document No	:12/549,447	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:28/08/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PERLA RAMESH
(87) International Publication No	:NA	2)JAMMU VINAY BHASKAR
(61) Patent of Addition to Application Number	:NA	3)NAITHANI NIDHI
Filing Date	:NA	4)HOLTEL KLAUS
(62) Divisional to Application Number	:NA	5)SILCHER CARSTEN
Filing Date	:NA	

(57) Abstract :

A method of wind turbine management includes receiving operational information (130) on operational characteristics of a wind turbine (102). The operational information (130) is analyzed based on a set of rules (240), and a determination is made as to whether a fault of the wind turbine (102) is resettable. The set of rules (240) may be configured based on operating configuration of the wind turbine (102).

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1894/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :12/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING WIND TURBINES AND ENHANCED DIAGNOSTICS

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:12/549,451	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:28/08/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JAMMU VINAY BHASKAR
(87) International Publication No	:NA	2)MADAM NARAYANAN URUPUNIAKAVU
(61) Patent of Addition to Application Number	:NA	3)PERLA RAMESH
Filing Date	:NA	4)NAITHANI NIDHI
(62) Divisional to Application Number	:NA	5)MORJARIA MAHESH AMRITLAL
Filing Date	:NA	

(57) Abstract :

A method of wind turbine management includes receiving operational information (130) on operational characteristics of a wind turbine (102). The operational information (130) is analyzed based on a set of rules (240), and a determination is made as to whether a fault of the wind turbine (102) is resettable. The set of rules (240) may be configured based on operating configuration of the wind turbine (102). Advanced operational information (130) may be received for conducting enhanced diagnostics and a determination is made as to whether a fault of the wind turbine (102) is resettable.

No. of Pages : 34 No. of Claims : 12

(54) Title of the invention : PRIMARY BALANCER APPARATUS FOR AN ENGINE

(51) International classification

:F16F

(31) Priority Document No

:JP 2009-

190653

(32) Priority Date

:20/08/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUZUKI MOTOR CORPORATION

Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN

(72)Name of Inventor :

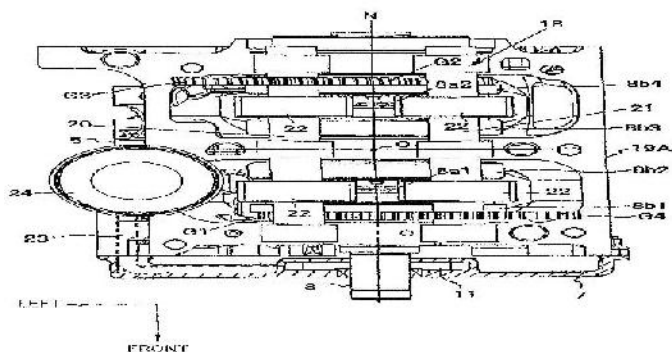
1)OHSAWA, HIROSHI

(57) Abstract :

Primary balancer apparatus for an engine is provided for reducing vibrations generated during rotation of the crankshaft by a balancing effect obtained by the rotation of balancer shafts, providing enhanced ease of mounting, downsizing and optimized weight balance in the axial direction of the crankshaft. The primary balancer apparatus (18) of the engine includes a crankshaft (8) and balancer shafts (20, 21) disposed beneath the crankshaft (8) and provided with balancer gears (G3, G4), the crankshaft (8) being provided with crank gears (G2, G1) that mesh with the corresponding balancer gears (G3, G4), wherein the crankshaft (8) is provided with a pair of counterweights (8b1, 8b2 and 8b3, 8b4) for each cylinder, the pair of counterweights (8b1, 8b2 and 8b3, 8b4) are arranged opposite to each other with crank pins (8a1, 8a2) sandwiched therebetween, the balancer shafts (20, 21) are provided with balance weights (22) at positions corresponding to the crank pins (8a1, 8a2) respectively, and the crank gears (G1, G2) are disposed at an axial outer side of the two counterweights (8b1, 8b2) which are located at an outermost side in a direction of the crankshaft (8).

Figure 5

FIG. 5



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1954/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :17/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : PLANAR ANODE-SUPPORTED SOLID OXIDE FUEL CELL USING FUNCTIONAL ANODE AND A PROCESS THEREOF

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)BASU RAJENDRA NATH
(61) Patent of Addition to Application Number	:NA	2)MUKHOPADHYAY MADHUMITA
Filing Date	:NA	3)MUKHOPADHYAY JAYANTA
(62) Divisional to Application Number	:NA	4)DASSHARMA ABHIJIT
Filing Date	:NA	

(57) Abstract :

This invention provides an improved process for the fabrication of a planar anode-supported solid oxide fuel cell (SOFC) of dimension up to 10 cm x 10 cm x 1.5 mm that comprises a novel Ni-YSZ functional cermet anode wherein the functionality in the anode is achieved through a uniform coating of discrete Ni particles over YSZ that leads to improved electrocatalytic reaction at the anode-electrolyte interface and hence, improved performance in the resultant cells having such functional anode which is well bonded to a 10 - 15 μ m thin and gas-tight YSZ electrolyte layer that, in turn, has successive adherent layers of semi-porous LSM-YSZ cathode (8-15 μ m) and porous LSM cathode current collector (40 - 70 μ m) on top.

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

(54) Title of the invention : MODULE COMMUNICATION

(51) International classification :H04B
 (31) Priority Document No :0916869.1
 (32) Priority Date :25/09/2009
 (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)GE AVIATION SYSTEMS LLC

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

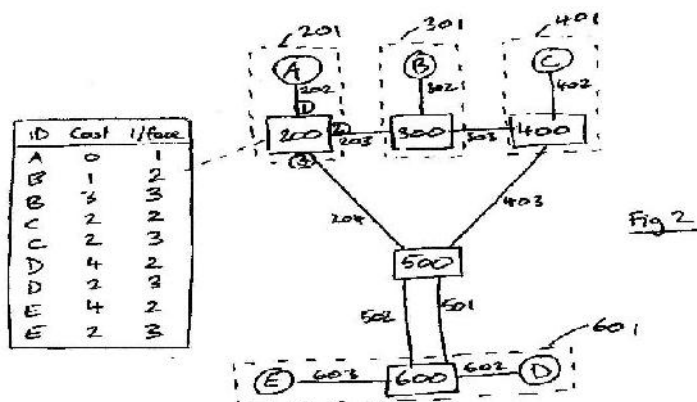
(72)Name of Inventor :

1)DUNSDON JONATHAN MARK

2)SYKES BENJAMIN JAMES

(57) Abstract :

A communication network 100 for communicating between a plurality of modules A, B, C, D, E is disclosed. Each module is arranged to be connected to or associated with a communication gateway 200, 300, 400, 600, with each communication gateway being connectable to at least one other communication gateway forming the network. The communication gateways each have a dynamic module naming list 204 to enable it to determine a route to direct a message to an appropriate recipient module via at least one directly connected gateway within the network. As each communication gateway has a dynamic module naming list which is automatically updated as to the presence of other modules in the network, such as by the addition or removal of a module, it does not require time consuming manual updating. Figure 2



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2157/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :10/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : COOLING SYSTEM FOR A GAS TURBINE AND CORRESPONDING OPERATION METHOD

(51) International classification	:F02C
(31) Priority Document No	:CO2009A000034
(32) Priority Date	:25/09/2009
(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)NUOVO PIGNONE S.p.A.
Address of Applicant :VIA FELICE MATTEUCCI, 2, 50127
FLORENCE, ITALY.
(72)**Name of Inventor :**
1)CIOFINI MAURIZIO
2)ROSSIN STEFANO
3)DEPROSPERIS ROBERTO

(57) Abstract :

An operation method for a gas turbine including: compressing a working fluid by means of a compressor; feeding this compressed working fluid into at least one combustion chamber where it is overheated; expanding this overheated working fluid in at least one expansion turbine to produce energy; carrying out a first tapping of the compressed work fluid from the compressor to feed it into a first cavity of the turbine for cooling; carrying out a second tapping of the working fluid downstream from the first tapping to feed it into a second cavity of the turbine upstream from the first cavity, for cooling; and fluidly connecting the first tapping to the second tapping to selectively feed the first tapping by means of a part of the second tapping during partial load operation conditions to keep the temperature of the first cavity within the acceptable limits for the resistance of the materials.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5688/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :10/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : MULTIFUNCTIONAL FORMS OF POLYOXAZOLINE COPOLYMERS AND DRUG COMPOSITIONS COMPRISING THE SAME

(51) International classification	:C08G
(31) Priority Document No	:61/020,684
(32) Priority Date	:11/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/030762
Filing Date	:12/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :601 Genome Way Suite 2400
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(72)Name of Inventor :

1)J. Milton Harris

2)Michael David Bentley

3)Kunsang Yoon

(57) Abstract :

The present disclosure provides copolymers of 2-substituted-2-oxazolines possessing two or three reactive functional groups which are also chemically orthogonal. The copolymers described may be random copolymers, block copolymers or a mixture of random and block copolymer configurations. Furthermore, the present disclosure provides novel methods for synthesizing the above polymers and for conjugating to molecules such as targeting, diagnostic and therapeutic agents.

No. of Pages : 43 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2275/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :23/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : COUNTERING DUPLICACY USING UNIQUE IDENTIFICATION DIGITS

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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2)AMIT SAWHNEY

3)KARANVIR SINGH

4)KAMAL KAPOOR

(72)Name of Inventor :

1)SHASHI KATYAL

2)AMIT SAWHNEY

3)KARANVIR SINGH

4)KAMAL KAPOOR

(57) Abstract :

We are pleased to introduce ourselves as a company which is pioneer in the market for using UID and telecom technology through SMS/ Internet/ over the phone to counter duplication of products.

No. of Pages : 2 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2010

(21) Application No.2343/DEL/2010 A

(43) Publication Date : 25/10/2013

(54) Title of the invention : STEAM TURBINE WITH RELIEF GROOVE ON THE ROTOR

(51) International classification	:F01D
(31) Priority Document No	:01521/09
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Switzerland
(86) International Application No	:NA
Filing Date	:NA
(87) 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)RABIYE BEKYIGIT
2)PHILIPP BRUNNER
3)JIAN CHEN
4)ROLF DOBLER
5)JOZO DRMIC
6)ANDREAS EHRSAM
7)MAURUS HERZOG
8)DAVOR KRIZ
9)THOMAS MOKULYS
10)MARTIN REIGL
11)LUCA RIPAMONTI
12)THOMAS SCHREIER
13)GIORGIO ZANAZZI

(57) Abstract :

A steam turbine (1) has a relief groove (8) which is arranged in the region of the equalizing piston (6) and extends in the circumferential direction of the rotor (2). The relief groove (8), especially with regard to an inlet passage (5), is arranged in the axial upstream direction so that it is arranged on the rotor (2) outside a region in which the steam flow (11) enters the bladed flow path (1) via the inlet passage. In addition, the relief groove, with regard to the first blade row (12), is arranged in a region in which the greatest thermal stresses can arise in the rotor (2). As an option, the relief groove (8) has a cover for reducing vortex flows, and also devices for reducing heating of the groove or devices for active cooling. The steam turbine according to the invention allows an increased number of risk-free running up and running down operations of the steam turbine with minimum detriment to the turbine performance.

No. of Pages : 26 No. of Claims : 19

(54) Title of the invention : FLOW CONTROL VALVE

(51) International classification	:F16K
(31) Priority Document No	:0919068.7
(32) Priority Date	:30/10/2009
(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 :

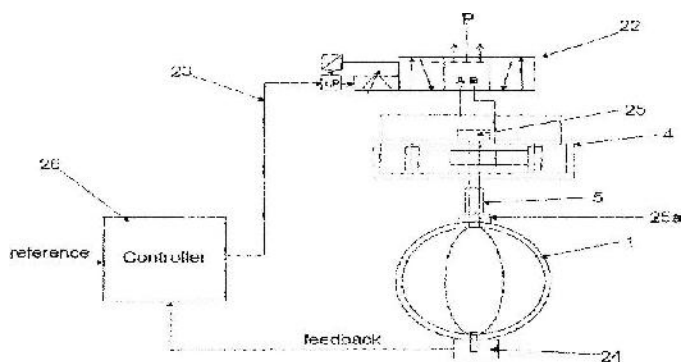
1)SIEMENS VAI METALS TECHNOLOGIES LTDAddress of Applicant :DAVY HOUSE, UNIT S, EUROPA
LINK, SHEFFIELD BUSINESS PARK SHIFFIELD SOUTH
YORKSHIRE S9 IXU U.K.

(72)Name of Inventor :

1)JOHN EDWARD BEESTON**2)RUPPERT OWEN**

(57) Abstract :

A flow control valve is described which meets the operational requirements of a cooling machine for hot metal strips or plates. The valve is operated by a pneumatic actuator which is controlled by use of a high performance pneumatic proportional valve in conjunction with an electronic controller receiving reference and feedback signals.

**FIG-6**

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

(54) Title of the invention : METHOD FOR THE COMPUTER-ASSISTED LEARNING OF CONTROL AND/OR REGULATION OF A TECHNICAL SYSTEM

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:10 2009	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	040 770.7	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:09/09/2009	MUNCHEN, GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)HANS; ALEXANDER
(87) International Publication No	:NA	2)UDLUFT; STEFFEN
(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 computer-assisted learning of control and/or regulation of a technical system, operation of the technical system being characterized by states which the technical system can adopt during operation, and actions which are executed during operation of the technical system and transform a respective state of the technical system into a follow-on state. In the inventive method the statistical uncertainty of the training data used during learning is suitably taken into account when learning control of the technical system. This takes place as a result of the fact that the statistical uncertainty of a quality function, which models an optimal operation of the technical system, is determined by means of an uncertainty propagation and is incorporated during learning of an action-selecting rule. The inventive method is characterized in that the uncertainty propagation uses a covariance matrix in which non-diagonal elements are ignored. This approximation makes the method very computationally efficient and requires little substantially as hereinbefore described with reference to the accompanying drawings. memory space for its execution. Despite the approximation the method still delivers very good results when determining a suitable action-selecting rule. The inventive method can be used for learning control or regulation of any desired technical systems. In a variant the method is used for control or regulation of the operation of a turbine, in particular a gas turbine. In another variant the method is used for regulation or control of a wind power plant.

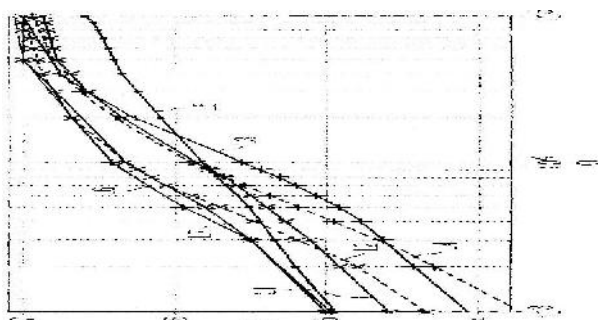


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2042/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :27/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : IMPROVED CONNECTIVE ACCESSORY•

(51) International classification	:F16B
(31) Priority Document No	:201010003160.3
(32) Priority Date	: -
(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)Chia-Yu LIU

Address of Applicant :No. 38 Fongshu 7th St. Gueishan
Township Taoyuan County Taiwan

(72)Name of Inventor :

1)Chia-Yu LIU

(57) Abstract :

An improved connective accessory is disclosed. The improved connective accessory of the present invention comprises a main body and a screw. The main body may be embedded in a household item and the screw may also be embedded in another household item. The screw has a connective section , which may be connected with the connective bore of the main body. At least an engagement design is formed in the connective bore. At least an engagement design that may engage with the connective section is provided on the engagement design. Therefore, in use, no additional screw is needed and the accessory of the present invention may be fitted swiftly and efficiently; also, the accessory can connect two items securely and firmly.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2283/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : TEXTURING SEMICONDUCTOR SUBSTRATES

(51) International classification	:C25F
(31) Priority Document No	:61/277,409
(32) Priority Date	:24/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ROHM AND HAAS ELECTRONIC MATERIALS LLC
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MARLBOROUGH, MASSACHUSETTS 01752, UNITED
STATES OF AMERICA
(72)**Name of Inventor :**
1)ROBERT K. BARR
2)COREY O'CONNOR

(57) Abstract :

Semiconductors are textured with aqueous solutions containing non-volatile alkoxyated glycols, their ethers and ether acetate derivatives having molecular weights of 170 or greater and flash points of 75° C or greater. The textured semiconductors can be used in the manufacture of photovoltaic devices.

No. of Pages : 22 No. of Claims : 9

(54) Title of the invention : BLADE DEFLECTION MEASUREMENT WITH MAGNETOSTRICTIVE SENSOR

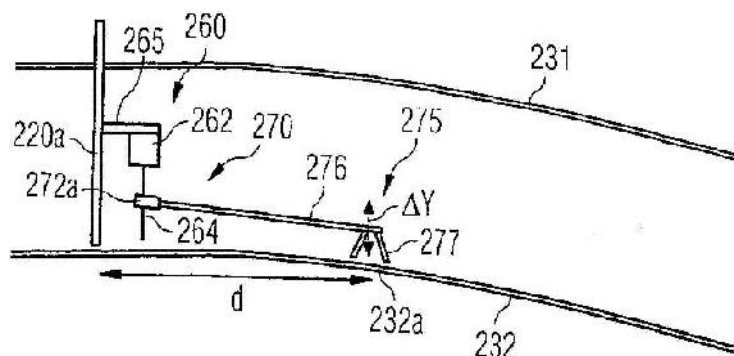
(51) International classification :F03D
 (31) Priority Document No :EP09015863
 (32) Priority Date :22/12/2009
 (33) Name of priority country :EPO
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing 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)ANDERSEN; JIMMI
2)EGEDAL; PER

(57) Abstract :

It is described a measurement arrangement for measuring a deflection of a blade (130) of a rotor (115) of a wind turbine (100). The measurement arrangement (150) comprises (a) a magnetostrictive sensor, which comprises a first sensor part (260) and a second sensor part (270), (b) a first support structure (265), which is adapted to be mounted to a first portion (220a) of the rotor (115), wherein the first sensor part (270) is mounted to the first support structure (265), and (c) a second support structure (275), which is adapted to be mounted to a second portion (232a) of the rotor (115), wherein the second sensor part (270) is mounted to the second support structure (275) and wherein at least one of the first portion (220a) and the second portion (232a) is a portion of the blade (130). The magnetostrictive sensor is capable of measuring the relative spatial position between the first sensor part (260) and the second sensor part (270). It is further described a corresponding method for measuring a blade deflection. Furthermore, it is described a wind turbine rotor (115) and a wind turbine (100) which comprise the described blade deflection measurement arrangement (150).

FIG 2B



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2226/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : FLAVOURED AYURVEDIC FORMULATION AND PROCESS THEREOF•

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DABUR INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :Plot No. 22 Site IV Sahibabad 201
(33) Name of priority country	:NA	010 Ghaziabad Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Rajiv Kumar Rai
(87) International Publication No	: NA	2)Dharmendra Kumar
(61) Patent of Addition to Application Number	:NA	3)Rahul Singh
Filing Date	:NA	4)Praveen Jaipurkar
(62) Divisional to Application Number	:NA	5)Chandra Kant Katiyar
Filing Date	:NA	

(57) Abstract :

The present invention relates to a flavored Ayurvedic formulations and process for improvement of the taste and flavor of Ayurvedic formulations. Particularly, the present invention provides flavored Ayurvedic formulations and it acceptably to the different group of consumers.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2227/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :20/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : MANUALLY POSITIONABLE SOLAR TRACKING SYSTEM

(51) International classification

:H01L

(31) Priority Document No

:61/175074

(32) Priority Date

:14/05/2010

(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)SUNFLOWER SOLUTIONS, LLC.

Address of Applicant :10550 CARNEGIE AVENUE,
CLEVELAND, OHIO 44106. U.S.A.

(72)Name of Inventor :

1)JEFFREY MANN

(57) Abstract :

Presented herein is a method for manually tracking solar panels using only three orientations (morning, noontime, and afternoon). In this method, panels are manually reoriented at two times during the day to achieve a total of three orientations (more orientations can be used, but have been found to be unnecessary for most applications). A manual solar array tracking system encompassing this method would include a mechanical implementation such that when a user reorients a panel to one of the three positions, it snaps, or is similarly easily guided and latched into position. Such a system would also have a mechanical setting that would be changed several times a year, most likely on a monthly schedule. This setting would adjust the daily panel orientation settings to account for the changing sun position at that time of year.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6454/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :13/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : THERMOSENSITIVE RECORDING MEDIUM•

(51) International classification

:B41M

(31) Priority Document No

:2008-082787

(32) Priority Date

:27/03/2008

(33) Name of priority country

:Japan

(86) International Application No

:PCT/

Filing Date

JP2009/056306

:27/03/2009

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)Katsuto OHSE

2)Yoshimi MIDORIKAWA

3)Akihito OGINO

4)Keiichirou INADA

5)Yoshimune AOSAKI

(57) Abstract :

The present invention provides a thermosensitive recording medium having an excellent image durability, even when used in a severe condition. A thermosensitive recording medium having a thermosensitive color developing layer comprising a colorless or pale colored dye and two kinds of color developing agents on a substrate, wherein the thermosensitive color developing layer contains bis (3-allyl-4-hydroxyphenyl) sulfone and a phenol novolac compound as the color developing agents.

No. of Pages : 28 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1846/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : SEQUENCE CONTROL DEVICE USING DECISION TABLE, PROGRAM CREATION DEVICE AND INTERPRETER EXECUTION ENGINE

(51) International classification

:G06F

(31) Priority Document No

:P2009-
183872

(32) Priority Date

:06/08/2009

(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

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(71)Name of Applicant :

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MINATO-KU, TOKYO, JAPAN.

(72)Name of Inventor :

1)KAWAMOTO JUNICHI

2)OTANI HIDEYUKI

(57) Abstract :

A sequence control device (10) comprises a program creation device (1) and a control device (2). The program creation device comprises: a control program editing section (1a) that is constituted by an editor section and a display/control operation section whereby a control program may be edited using an IEC standard language and a storage section (1b) comprising a source memory and a first object memory. The source memory stores beforehand an IEC standard language library comprising LDs, FBDs and STs. The editor section comprises a decision table editor that generates a decision table and a decision table execution engine by referring to the IEC standard language library.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1847/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR TREATING SOUR WATER

(51) International classification	:C01B	(71)Name of Applicant :
(31) Priority Document No	:12/544,812	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:20/08/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MILLER GARY DANIEL
(87) 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 sour water treating system includes a condensate stripper (80) configured to produce raw sour water, a condensate stripper cooler (90) coupled in flow communication with the condensate stripper, the condensate stripper cooler configured to receive the raw sour water from the condensate stripper, an outlet line (240) configured to channel the raw sour water from the condensate stripper cooler, and a treatment unit (96,200,300) coupled in flow communication between the condensate stripper cooler and the outlet line, the treatment unit configured to substantially remove contaminants from the raw sour water via a chemical reaction.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2332/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : POLYCARBONATE COMPOSITION WITH IMPROVED MELT-FLOWABILITY

(51) International classification	:C08L
(31) Priority Document No	:102009043512.3
(32) Priority Date	:30/09/2009
(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)BAYER MATERIALSCIENCE AG
Address of Applicant :51368 LEVERKUSEN, GERMANY
(72)**Name of Inventor :**
1)STEPHAN KONRAD
2)ROLF WEHRMANN
3)HELMUT-WERNER HEUER
4)KARL-HEINZ KOHLER
5)MARC BUTS

(57) Abstract :

The invention relates to a polycarbonate composition with improved melt-flowability together with good optical properties and together with good hydrolysis resistance.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2333/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : POLYCARBONATE COMPOSITION HAVING IMPROVED HEAT STABILITY

(51) International classification	:C08K
(31) Priority Document No	:102009043509.3
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STEPHAN KONRAD
2)HEINRICH HAHNSEN
3)KARL-HEINZ KOHLER
4)MARC BUTS
5)DANIEL KOCH
6)FRANK GULDENTOPS

(57) Abstract :

The invention relates to a polycarbonate composition having reduced subsequent yellowing of the mouldings produced therefrom on heat ageing and having good optical properties of the polycarbonate composition on processing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2334/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :29/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : LINER FOR PLASTIC CLOSURES

(51) International classification

:B65D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GAUTAM, SHUBH

Address of Applicant :C-15, SECTOR-63, NOIDA-201 304,
UTTAR PRADESH, INDIA

(72)Name of Inventor :

1)GAUTAM, SHUBH

(57) Abstract :

The present invention relates to a composition of liner comprising of a lining compounds for plastic closures. According to the present invention the liner comprises deformable and resilient material which is capable of adapting to the surface of dispensing end of the container characterized in providing both twist and flip mechanisms. The liner can withstand constant contact with the product without affecting the physical and chemical properties of the product and is sealable over an opening in the container, providing a barrier against any leakage of liquid outside the container and preventing escape of vapours of the packaged product.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2062/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :31/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : MICROBIAL ARGININE BIOSENSOR•

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PUNJABI UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :Patiala-147002 India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Neelam Verma
Filing Date	:NA	2)Gurnoor Kaur
(87) International Publication No	: NA	3)Dhirendra Pratap Singh
(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 bio-sensor for estimating arginine and the process of preparation thereof. The disclosed bio-sensor comprises of a source of arginase, a source of urease and a colour change indicator optionally in conjunction with an ion sensing electrode. The arginase, urease and the colour change indicator are co-immobilised by physical entrapment technique preferably in calcium-alginate or in poly-acrylamide gel.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2064/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :31/08/2010

(43) Publication Date : 25/10/2013

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

(51) International classification

:G09G

(31) Priority Document No

:P2009-
230874

(32) Priority Date

:02/10/2009

(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 :1-7-1 KONAN, MINATO-KU,
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(72)Name of Inventor :

1)HIROTAKA ISHIKA WA

2)KATSUHISA ITO

3)HIROAKI YASUNAGA

(57) Abstract :

An image signal processing apparatus that supplies entire circumferential viewpoint images including plural viewpoint images respectively corresponding to plural viewpoints provided on a circumference around a subject to an image display apparatus that displays a stereoscopic image of the subject seen from an entire circumference, includes: arranging means for arranging the input entire circumferential viewpoint images in a time-series sequence by regarding corresponding differences in viewpoints as differences in an imaging sequence; and encoding means for treating the respective viewpoint images arranged in the time-series sequence by regarding the differences in viewpoints as differences in the imaging sequence as single frames and encoding the viewpoint images using an encoding method including at least inter-frame prediction to generate video encoded signals.

No. of Pages : 51 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6864/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : CHROMATOGRAPHY MEDIUM

(51) International classification :B01J
(31) Priority Document No :0800923-5
(32) Priority Date :22/04/2008
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE09/050406
Filing Date :21/04/2009
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GUNNAR GLAD
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4)JEAN-LUC MALOISEL
5)NILS NORRMAN
6)TOBIAS E. SODERMAN

(57) Abstract :

The present invention is within the field of chromatography. More precisely, it relates to a novel chromatography medium, namely a hydrophobic medium provided with different lids excluding molecules over a certain size due to the porosity of the hydrophobic medium and/or the porosity of the lid. The invention also relates to use of the separation medium for purification of large molecules, which do not enter the separation medium, as well as small molecules, which enter the separation medium and are eluted from there.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6910/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : CONTINUOUS STEAM GENERATOR WITH EQUALIZING CHAMBER

(51) International classification	:F22B
(31) Priority Document No	:61/039965
(32) Priority Date	:27/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/038383
Filing Date	:26/03/2009
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BAIRLEY DONALD WILLIAM
2)WESLEY PAUL BAUVER, II.
3)THOMAS P. MASTRONARDE

(57) Abstract :

An evaporator 10 for evaporating a liquid includes a plurality of harps 20 disposed within a duct or chamber such that a heated fluid flow 22 (e.g., heated gas or flue gas) passes through each successive row of harps 20 of the evaporator 10. Each of the harps 20 includes a lower header 24, a plurality of lower tubes 26, an intermediate equalizing chamber 28, a plurality of upper tubes 30, and an upper header 32. The lower tubes 30 are in fluid communication with the lower header 24 and extend upward vertically from the lower header. The upper ends of the lower tubes 26 are in fluid communication with the equalizing chamber 28. The upper tubes 30 are in fluid communication with the equalizing chamber 28 and extend upward vertically from the equalizing chamber. The upper ends of the upper tubes 30 are in fluid communication with the upper header 32.

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1937/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :17/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : PREPARATION OF NANO PARTICLES FROM CORN COBS

(51) International classification	:C01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IIT ROORKEE
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF PAPER
(33) Name of priority country	:NA	TECHNOLOGY POLYMER SCIENCE AND TECHNOLOGY
(86) International Application No	:NA	PROGRAM, SAHARANPUR CAMPUS, SAHARANPUR-
Filing Date	:NA	247001, UTTAR PRADESH, INDIA,
(87) International Publication No	:N	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Y. S. NEGI
Filing Date	:NA	2)J.S. UPADHAYAY
(62) Divisional to Application Number	:NA	3)SAMIT KUMAR
Filing Date	:NA	

(57) Abstract :

A process for the nano-particles from corn cobs comprising: digesting the chopped corn in non-swelling or low swelling liquids; treating the chips of corn cobs with sodium hydroxide at liquor to solid ratio is 4.5:1; washing the treated corn chips to remove the residual chemicals; subjecting the washed products to the step of screening and washing.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2067/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :31/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : A NOVEL ADHESIVE AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification

:C08L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

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Filing Date

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5)SAYED SADULLA

6)BOREDDY SIVA RAMI REDDY

7)GOPAL SUSEELA RAJKUMAR

8)GANESAN SEKARAN

9)ASIT BARAN MANDAL

(57) Abstract :

The present invention relates to a novel adhesive and a process for the preparation thereof. Provided herein is a microbial process for the preparation of the bioadhesive, wherein the bacteria is grown in the mineral rich medium containing vegetable oil. The medium is then incubated under controlled conditions and the resulting adhesive is separated by conventional method and washed. The adhesive product is characterized as thick clumpy mass appearance, having Viscosity of about: 20.0 - 38.01 x 10⁻³ cps, thermal stability up to 280 - 320°C, tensile-strength of about 6.2 -7.5 N/mm². The obtained adhesive exhibits good adhesion against cellulose, glass and cotton. The adhesive finds enormous application in product industries for the fabrication of consumer goods.

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2132/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :08/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : REMOVAL OF OXO ANIONS FROM WATER

(51) International classification

:C02F

(31) Priority Document No

:12/555,261

(32) Priority Date

:08/09/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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4)SILVIA BREUER

5)SIEGLINDE TROKOWSKI

6)BRIGITTE CHUDZIK-RAETH

7)WEI HSIN CHOU

8)PHIL FATULA

9)TONY DECOLA

(57) Abstract :

The present invention relates to a process for removing oxo anions from water and aqueous solutions having a high proportion of silicate by means of a filter arrangement comprising at least one anion exchanger and at least one oxo anion-specific adsorber, and to a filter arrangement to be used for this purpose.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2315/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : WIND TURBINE BLADE•

(51) International classification

:F03D

(31) Priority Document No

:PA 2009

01073

(32) Priority Date

:01/10/2009

(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

(71)Name of Applicant :

1)VESTAS WIND SYSTEMS A/S

Address of Applicant :Alsvej 21 DK-8940 Randers SV

Denmark

(72)Name of Inventor :

1)PAUL HIBBARD

(57) Abstract :

The invention concerns a sectional blade for a wind turbine comprising a first and a second blade section extending in opposite directions from a blade joint, and each blade section comprising a spar section forming a structural member of the blade. The blade sections are structurally connected by a spar bridge over a spar joint, which comprises a center beam of two extending beam caps joined by one or more extending beam webs. The spar joint further comprises at least two extending spar caps and one or more extending spar webs connecting the spar caps to opposite sides of the center beam.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5955/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/08/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : COMMUNICATION SYSTEM

(51) International classification	:H04J
(31) Priority Document No	:2008-016896
(32) Priority Date	:28/01/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/051344
Filing Date	:28/01/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Tadashi MATSUMOTO
2)Makoto NISHIKAWA

(57) Abstract :

A communication system has a communication control unit, communication terminal units and communication units. The communication control unit and the communication terminal units communicate according to a first protocol. The communication units mutually communicate according to a second protocol. A specific communication unit of the communication units has a data analyzer and a data transmitter. The data analyzer judges whether or not second monitoring information represents a steady state. The data transmitter transmits the control information corresponding to the second monitoring information to at least one related second communication terminal unit through the communication control unit according to the first protocol if the second monitoring information represents an unsteady state. Thereby, the load connected to the second communication terminal unit is controlled.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1436/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : 4- (AZACYCLOALKYL) -BENZENE-1&NBSP; 3 -DIOL DERIVATIVES AS TYROSINASE INHIBITORS AND THEIR SYNTHESIS AND USE THEREOF•

(51) International classification	:C07D 207/48
(31) Priority Document No	:0958829
(32) Priority Date	:10/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/069195
Filing Date	:08/12/2010
(87) International Publication No	:WO/2011/070080
(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)LUZY Anne-Pascale

(57) Abstract :

The present invention concerns novel 4-(azacycloalkyl)-benzene-1,3-diol compounds with the following general formula (I): to compositions containing them, to a process for their preparation and to their use in pharmaceutical or cosmetic compositions for the treatment or prevention of pigmentary disorders.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1437/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : NOVEL PEROXIDE DERIVATIVES&NBSP; THEIR PROCESS OF PREPARATION AND THEIR USE IN HUMAN MEDICINE AND IN COSMETICS FOR THE TREATMENT OR PREVENTION OF ACNE•

(51) International classification	:C07C 409/34
(31) Priority Document No	:0958846
(32) Priority Date	:10/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/069418
Filing Date	:10/12/2010
(87) International Publication No	:WO/2011/070170
(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)BOUIX-PETER Claire
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3)RODEVILLE Nicolas

(57) Abstract :

The present invention relates to the use of the compounds of following general formula (I): It also relates to their process of preparation and to their therapeutic application.

No. of Pages : 43 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1438/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : FABRICATION AND INTEGRATION OF DEVICES WITH TOP AND BOTTOM ELECTRODES INCLUDING MAGNETIC TUNNEL JUNCTIONS•

(51) International classification	:H01L 43/12
(31) Priority Document No	:12/627,173
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058445
Filing Date	:30/11/2010
(87) International Publication No	:WO/2011/066579
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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United States of America

(72)Name of Inventor :
1)LI Xia
2)KANG Seung H.

(57) Abstract :

Disclosed is an electronic device manufacturing process including depositing a bottom electrode layer (711). Then an electronic device (721) is fabricated on the bottom electrode layer. Patterning of the bottom electrode layer is performed after fabricating the electronic device and in a separate process from patterning a top electrode. A first dielectric layer (740) is then deposited on the electronic device and the bottom electrode layer followed by a top electrode layer (751). The top electrode is then patterned in a separate process from the bottom electrode. Separately patterning the top and bottom electrodes improves yields by reducing voids in the dielectric material between electronic devices. One electronic device the manufacturing process is well -suited for is magnetic tunnel junctions (MTJs).

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1515/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND SYSTEM FOR RELATING NETWORK APPLICATION

(51) International classification	:H04L 12/28
(31) Priority Document No	:201010042792.0
(32) Priority Date	:14/01/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/080018
Filing Date	:20/12/2010
(87) International Publication No	:WO/2011/085627
(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)MIN YAN

(57) Abstract :

The present invention provides a network-application association method, which comprises: performing corresponding operations for applications according to instructions of users; sending out association information according to users relationship chains of the users and relations among the applications; judging whether the users respond to the association information; if the users respond, to the association information, updating the users relationship chains of the users or performing corresponding operations for the applications, according to operations for the users responding to the association information. In addition, the present invention further provides a network-application association system. In the above network-application association technology analyzes the users relationship chains of the users and the relations among the applications, to find out the implicit relations among the users of the different applications, so as to use the association information to built the association among the different application and inform the users, such that the different applications are combined together, to solve the problem of the applications independent respectively, and enrich the network service.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1387/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DOMAIN SPECIFIC LANGUAGE&NBSP; COMPILER AND JIT FOR DYNAMIC POWER MANAGEMENT•

(51) International classification	:G06F 1/32
(31) Priority Document No	:61/294,055
(32) Priority Date	:11/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020714
Filing Date	:10/01/2011
(87) International Publication No	:WO/2011/085333
(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)GARGASH Norman S.
3)ULMER Tracy A.

(57) Abstract :

The aspects enable a computing device or microprocessor to determine a low-power mode that maximizes system power savings by placing selected resources in a low power mode while continuing to function reliably, depending upon the resources not in use, acceptable system latencies, dynamic operating conditions (e.g., temperature), expected idle time, and the unique electrical characteristics of the particular device. The various aspects provide mechanisms and methods for compiling a plurality of low power resource modes to generate one or more synthetic low power resources from which can be selected an optimal low-power mode configuration made up of a set of selected synthetic low power resources.

No. of Pages : 48 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1461/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SELECTIVE SCALABLE CHANNEL-BASED STATION
ENABLEMENT AND DE-ENABLEMENT IN TELEVISION BAND WHITE SPACES•

(51) International classification	:H04N7/00, H04N17/00
(31) Priority Document No	:61/262,035
(32) Priority Date	:17/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/007931
Filing Date	:11/11/2010
(87) International Publication No	:WO/2011/062395
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SINGH Harkirat

3)HSU Ju-Lan

4)YONG Su-Khiong

(57) Abstract :

A method and system for wireless communication in a TV band white space spectrum is provided. A wireless master device keeps track of available wireless communication channels in a white space spectrum. The master device performs an enablement process for enabling a corresponding client device to transmit on a wireless channel. During the enablement process, the master device allows the client device to select a wireless channel for communication from among: a specific operating wireless channel, a subset of the available wireless channels, and all available wireless channels.

No. of Pages : 28 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1462/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD OF SAMPLING DATA WITHIN A CENTRAL PROCESSING UNIT•

(51) International classification	:G06F 1/32
(31) Priority Document No	:61/294,028
(32) Priority Date	:11/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020684
Filing Date	:10/01/2011
(87) International Publication No	:WO/2011/085313
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(57) Abstract :

A method of sampling data within a central processing unit (CPU) is disclosed. The method may include monitoring CPU activity, determining whether the CPU enters idle, and executing a dynamic clock and voltage switching (DCVS) algorithm if the CPU enters idle.

No. of Pages : 34 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1465/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : AN IMPROVED GREASE COUPLER

(51) International classification :F16L 37/138

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/ZA2009/000106

Filing Date :01/12/2009

(87) International Publication No :WO 2011/069172

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GURNEY, RICHARD, STILLARD

Address of Applicant :MITCHELL FARM, LIONS RIVER,
HOWICK, 3290, KWA ZULU NATAL, SOUTH AFRICA.

(72)Name of Inventor :

1)GURNEY, RICHARD, STILLARD

(57) Abstract :

An improved grease coupler 3 allows for positive, coupling and uncoupling from a grease nipple 4 via a manually operated trigger mechanism 30. The coupler includes a replaceable seal 13 and comprises an elongate body 10 with a grease passage 11 through the length of the body. A floating barrel plunger 42 acts as a check valve to prevent grease leaking from the discharge end of the elongate body 10 upon disconnection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1540/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : FACTORY FOR THE MOLDING MANUFACTURE OF PRECAST CONCRETE VOUSSOIRS FOR THE CONSTRUCTION OF WIND GENERATOR SUPPORT TOWERS

(51) International classification	:B28B 15/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/007225
Filing Date	:29/11/2010
(87) International Publication No	:WO 2011/063983
(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)FERNANDEZ GOMEZ MIGUEL ANGEL
2)JIMENO CHUECA JOSE EMILIO

(57) Abstract :

The present invention relates to a factory for the molding manufacture of precast concrete voussoirs for the construction of wind generator support towers, to the concrete voussoirs manufactured by molding in said factory, and to a wind generator support tower at least partially constructed by concrete voussoirs manufactured by molding in said factory, as well as to the operating method of said factory.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1431/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD OF DYNAMICALLY CONTROLLING A PROCESSOR•

(51) International classification	:G06F 1/32
(31) Priority Document No	:61/294,019
(32) Priority Date	:11/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020696
Filing Date	:10/01/2011
(87) International Publication No	:WO/2011/085320
(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)SALSBERY Brian J.

(57) Abstract :

A method of executing a dynamic clock and voltage scaling (DCVS) algorithm in a central processing unit (CPU) is disclosed and may include monitoring CPU activity and determining whether a workload is designated as a special workload when the workload is added to the CPU activity.

No. of Pages : 49 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1563/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : OPTIMIZED DELIVERY OF INTERACTIVITY EVENT ASSETS IN A MOBILE BROADCAST COMMUNICATIONS SYSTEM•

(51) International classification	:H04N 7/173
(31) Priority Document No	:61/294,753
(32) Priority Date	:13/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021211
Filing Date	:13/01/2011
(87) International Publication No	:WO/2011/088264
(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)GUPTA Binita
2)CHITTULURI Suryanarayana C.
3)PILIPSKI Eitan

(57) Abstract :

Systems, apparatus and methods provide an automatic capability for delivering interactivity event applications for execution on receiver devices within a broadcast network based upon interactivity event application data, information and sequence logic. Interactivity event content providers may provide to a broadcast network interactivity event application data, event metadata information and sequence logic a broadcast network. Receiver devices may be configured to receive only real-time interactivity event assets relevant to a currently monitored real-time channel, or channels adjacent to the currently monitored channel. Receiver devices may also be configured to avoid acquiring assets for interactive sequences not related to a currently viewed or adjacent channel.

No. of Pages : 172 No. of Claims : 85

(54) Title of the invention : APPARATUS FOR REGULATING TWO-PHASE FLOW AND PORTABLE ATOMIZER BASED ON TWO-PHASE FLOW

(51) International classification :A62C 13/66
 (31) Priority Document No :PL390170
 (32) Priority Date :12/01/2010
 (33) Name of priority country :Poland
 (86) International Application No :PCT/PL2011/000001
 Filing Date :10/01/2011
 (87) International Publication No :WO/2011/087383
 (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)KRZOWSKI Mirosław
3)KLIMKOWSKI Zenon
4)LADA Zygmunt
5)SWIDERSKI Jerzy

(57) Abstract :

The apparatus comprises a mixing chamber (2) formed in a chassis (8) outfitted with separate inlet channels for conveying pressurized liquid phase and gaseous phase and an outlet channel (19) linking the mixing chamber with a spray nozzle via a flow tube (20). Moreover, a separate cylindrical packing chamber (1) is formed in the chassis (8), within which packing chamber a rotor (3) with vanes (5) is set, the vanes of which rotor intermittently close the inlet channels of the two phases formed in separate sectors of said packing chamber (1) as demarcated by the rotor vanes (5), wherein the gaseous phase inlet channel (11) is closed alternately with at least one liquid phase inlet channel (12) conveying liquid phase into the mixing chamber (2) via open inter-vane channels, wherein also the sector of the packing chamber (1) containing the gaseous phase inlet channel (11) is separated from the mixing chamber (2) by a continuous section of a partition (7) that closes off the rotorTMs (3) inter-vane channels within this sector. The portable atomizer of liquids is equipped with a liquid phase vessel (22), a source of pressurised gaseous phase, and an apparatus for regulating two-phase flow. The apparatus has a mixing chamber (2) formed in a chassis (8) having separate inlet channels for conveying pressurized liquid phase and gaseous phase and an outlet channel (19) linking the mixing chamber (2) with a spray nozzle via a flow tube (20), wherein the gaseous phase inlet channel (11) is connected with the source of gaseous phase via a gas tube (9), while in the chassis (8) a separate cylindrical packing chamber (1) is formed, within which a rotor (3) with vanes (5) is set. The vanes (5) intermittently close the inlet channels of the two phases formed in separate sectors of said packing chamber (1) as demarcated by the rotor vanes (5), wherein the gaseous phase inlet channel (11) is closed alternately with at least one liquid phase inlet channel (12) conveying liquid phase into the mixing chamber (2) via open inter-vane channels, wherein also the sector of the packing chamber (1) containing the gaseous phase inlet channel (11) is separated from the mixing chamber (2) by a continuous section of a partition (7) that closes off the rotorTMs (3) inter- vane channels within this sector. Furthermore, the chassis (8) is situated inside the liquid phase vessel (22) and the gas tube (9) situated in the liquid phase vessel has a number of small orifices (10) in its wall.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1476/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : TEMPORAL AND SPATIAL VIDEO BLOCK REORDERING IN A DECODER TO IMPROVE CACHE HITS

(51) International classification	:H04N 7/26
(31) Priority Document No	:12/643,523
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061368
Filing Date	:20/12/2010
(87) International Publication No	:WO/2011/084754
(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)ANDRIJANIC Vladan
2)GADELRAH Serag

(57) Abstract :

This disclosure describes techniques in which the decoding order of video blocks is modified relative to the display order of video blocks. The decoding order may be modified temporally such that video blocks of different video frames (or other coded units) are decoded in an alternating manner. In this case, the decoding order of video blocks may alternate between video blocks of two or more different frames. Furthermore, the decoding order may also be modified spatially within a given video block such that the video blocks are decoded in an order that does not correspond to the raster scan order of the video blocks. The techniques may improve the use of memory by improving the likelihood of cache hits, thereby reducing the number of memory loads from an external memory to an internal cache associated with the decoder.

No. of Pages : 46 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1551/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHODS AND APPARATUSES FOR CDMA2000/GPRS ROAMING•

(51) International classification	:H04W 60/00
(31) Priority Document No	:60/526,557
(32) Priority Date	:03/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040430
Filing Date	:03/12/2004
(87) International Publication No	:WO/2005/057980
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:654/MUMNP/2006
Filed on	:06/06/2006

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(72)**Name of Inventor :**
1)NASIELSKI John W.
2)HSU Raymond T-S.

(57) Abstract :

Interworking and interoperability function IIF architectures and corresponding call flows are provided for CDMA2000/GPRS roaming scenarios such as GPRS foreign mode with Mobile IPv4, GPRS foreign mode with Simple IPv4 or IPv6, CDMA2000 packet data foreign mode with Mobile IPv4, and CDMA2000 packet data foreign mode with Simple IPv4 or IPv6..

No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1552/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHODS AND APPARATUSES FOR CDMA2000/GPRS ROAMING•

(51) International classification :H04W 60/00

(31) Priority Document No :60/526,557

(32) Priority Date :03/12/2003

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2004/040430

Filing Date :03/12/2004

(87) International Publication No :WO/2005/057980

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :654/MUMNP/2006

Filed on :06/06/2006

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(57) Abstract :

Interworking and interoperability function IIF architectures and corresponding call flows are provided for CDMA2000/GPRS roaming scenarios such as GPRS foreign mode with Mobile IPv4, GPRS foreign mode with Simple IPv4 or IPv6, CDMA2000 packet data foreign mode with Mobile IPv4, and CDMA2000 packet data foreign mode with Simple IPv4 or IPv6..

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1553/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHODS AND APPARATUSES FOR CDMA2000/GPRS ROAMING•

(51) International classification	:H04W 60/00
(31) Priority Document No	:60/526,557
(32) Priority Date	:03/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040430
Filing Date	:03/12/2004
(87) International Publication No	:WO/2005/057980
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:654/MUMNP/2006
Filed on	:06/06/2006

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(57) Abstract :

Interworking and interoperability function IIF architectures and corresponding call flows are provided for CDMA2000/GPRS roaming scenarios such as GPRS foreign mode with Mobile IPv4, GPRS foreign mode with Simple IPv4 or IPv6, CDMA2000 packet data foreign mode with Mobile IPv4, and CDMA2000 packet data foreign mode with Simple IPv4 or IPv6..

No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1712/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PHENOLIC RESIN FOAMED PLATE AND METHOD FOR PRODUCING SAME•

(51) International classification :C08J 9/12
(31) Priority Document No :2009-287625
(32) Priority Date :18/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072572
Filing Date :15/12/2010
(87) International Publication No :WO/2011/074611
(61) Patent of Addition 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)Hisashi MIHORI
2)Hirofumi WATANABE
3)Yuki SAITO

(57) Abstract :

Provided is a phenolic resin foamed plate having a thickness of 50 mm or more, wherein, when the phenolic resin foamed plate is sliced, from one principal plane thereof, into (n) pieces at 5 mm intervals in the thicknesswise direction along the principal plane, the obtained (n) pieces are named, starting from the principal plane side, (Q1) to (Qn), and the average densities of (Q1) to (Qn) are referred to respectively as (dq1) to (dq_n), the ratio (dq_{min}/ dq_{ave}) of the minimum value (dq_{min}) among (dq2) to (dq_(n-1)) to the average (dq_{ave}) of (dq2) to (dq_(n-1)) satisfies 0.91 (dq_{min}/dq_{ave}) 0.98; and when (D_i) values [D_i=(dq_(i-1)+dq_i+dq_(i+1))/3, wherein (i) is an integer of 2 to (n-1), provided that when (i) is 2 and (n-1), (D₂) equals to (dq2) and (D_(n-1)) equals to (dq_(n-1)) respectively] are calculated, plotted according to the numerical value of (i) [with (i) on the horizontal axis and (D_i) on the vertical axis] and connected together to give a density distribution curve, there is a straight line intersecting with said density distribution curve at 4 points and being parallel to the horizontal axis. Thus, a phenolic resin foamed plate, which shows practically sufficient compression strength and heat conductivity even in the case of increasing the product thickness, can be obtained.

No. of Pages : 53 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1542/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING SEMICONDUCTOR DIE WARPAGE•

(51) International classification :H01L 23/48

(31) Priority Document No :12/640,111

(32) Priority Date :17/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/061143

Filing Date :17/12/2010

(87) International Publication No :WO/2011/084706

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

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2)RAY Urmi

(57) Abstract :

A semiconductor die has through silicon vias arranged to reduce warpage. The through silicon vias adjust the coefficient of thermal expansion of the semiconductor die, permit substrate deformation, and also relieve residual stress. The through silicon vias may be located in the edges and/or corners of the semiconductor die. The through silicon vias are stress relief vias that can be supplemented with round corner vias to reducing warpage of the semiconductor die.

No. of Pages : 15 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1704/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : HEAT TRANSFER TUBE

(51) International classification	:F28F1/20
(31) Priority Document No	:10 2009 057 904.4
(32) Priority Date	:11/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/059673
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/069693
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
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(72)Name of Inventor :

1)BAUER Thomas

2)HACHMANN Bernd

(57) Abstract :

The present invention relates to a heat transfer pipe (10) comprising a pipe element (12) and a number of ribs (14, 15) arranged around the outer circumference of the pipe element (12) and extending outwards, annular segments (16,18) being formed encompassing the ribs (14,15) on the pipe element (12) and fastened to one another with a spring-elastic clamping device, in particular on two annular segments (16,18) respectively forming a half shell (16,18).

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1705/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A MULTI-CLUTCH TRANSMISSION FOR A MOTOR VEHICLE

(51) International classification :F16H3/12,F16H61/04,F16H61/688
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/008878
Filing Date :11/12/2009
(87) International Publication No :WO 2011/069530
(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)ZETTERGREN Lars

(57) Abstract :

A multi clutch power shift transmission (100 200) for a motor vehicle with at least one prime mover where a shaft brake unit (160 260) is arranged to reduce the rotational speed of one (121 122) of two input shafts and a central synchronizing unit (180 280) is arranged to make a first (121) of said input shafts to rotate faster or slower than a second (122) of said input shafts. Said shaft brake unit and said central synchronizing unit are arranged to be simultaneously activated in order to reduce rotating speeds prior to the engagement of tooth clutches when said output shaft is not rotating. Said input shaft brake unit (260) is arranged to be used when performing a multi step power shift.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1706/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SMEAR FREE NONWOVEN COMPOSITE ABRASIVES

(51) International classification	:C09K3/14
(31) Priority Document No	:61/290669
(32) Priority Date	:29/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061876
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/090677
(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)GOMEZ Alejandro
3)HERBERT Charles G.

(57) Abstract :

A surface treating article includes an organic matrix substantially engulfed by a binder that includes a reaction product of a blocked polyurethane prepolymer and a mixture of aromatic amines. The aromatic amines include polymethylene polyaniline having a functionality equal to or greater than 4.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1707/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHODS AND APPARATUS FOR PROVIDING PEER-TO-PEER DATA NETWORKING FOR WIRELESS DEVICES•

(51) International classification	:H04L 29/08
(31) Priority Document No	:60/683,389
(32) Priority Date	:20/05/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/019638
Filing Date	:18/05/2006
(87) International Publication No	:WO/2006/127543
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2020/MUMNP/2007
Filed on	:29/11/2007

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(72)**Name of Inventor :**
1)DUGGAL Nakul
2)JOTHIPRAGASAM Kumar
3)JAIN Nikhil
4)JACOBS Paul E.

(57) Abstract :

A system for a server-less peer-to-peer data network for content transfer between wireless devices is described. The system includes a first wireless device having a first address and content and a second wireless device. The first wireless device transmits a message including the first address over a first service. The second wireless device receives the message from the first wireless device and establishes a communication path to the first address over a second service to receive the content from the first wireless device. A method embodiment includes transmitting a message from a first wireless device to a second wireless device over a first service wherein the message includes a first address. The method further includes establishing by the second wireless device a communication path over a second service to the first address to receive content from the first wireless device after receiving the message from the first wireless device.

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : CLOSED END BEARING CUP

(51) International classification	:F16C 33/54
(31) Priority Document No	:61/259,859
(32) Priority Date	:10/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/056189
Filing Date	:10/11/2010
(87) International Publication No	:WO 2011/060043
(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)HAGAN, TIMOTHY, J;

(57) Abstract :

A cup bearing includes a cylindrical component having first and second axial ends and defining a lumen therethrough. The cylindrical component includes first and second end portions proximal to the first and second axial ends, respectively. The cylindrical component includes a corrugated portion disposed axially between the first and second end portions. The corrugated portion includes a plurality of corrugations extending radially inwardly. A corrugation of the plurality of corrugations includes a ridge defining a first inner radius of the lumen. The cup bearing further includes a first radial stop associated with the first end portion. The first radial stop defines a second inner radius greater than the first inner radius. The cup bearing also includes an end cap coupled to the second axial end of the cylindrical component.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1547/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF ETHANOL FROM BIOMASS

(51) International classification	:C12N
	15/09,C12P 7/10
(31) Priority Document No	:2009-272502
(32) Priority Date	:30/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/071274
Filing Date	:29/11/2010
(87) International Publication No	:WO 2011/065539
(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)HASUNUMA, TOMOHISA

3)SANDA, TOMOYA

(57) Abstract :

An object of the present invention is to provide a method for producing ethanol efficiently even in the presence of a fermentation inhibitor in a saccharified biomass. The present invention provides a method for producing ethanol from biomass, comprising: culturing a transformed xylose-utilizing yeast to overexpress the gene for at least one pentose phosphate pathway metabolic enzyme, with a saccharified biomass.

No. of Pages : 28 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1709/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING A DATA TRANSMISSION TO AND/OR FROM A PLURALITY OF MEDICAL DEVICES

(51) International classification	:G06F19/00
(31) Priority Document No	:10 2010 009 540.0
(32) Priority Date	:26/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/052728
Filing Date	:24/02/2011
(87) International Publication No	:WO 2011/104296
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)P.,TZOLD Matthias

(57) Abstract :

The invention relates to a system for controlling a data transmission to and/or from a plurality of medical devices said plurality of medical devices being divided into individual groups each of which comprises at least one medical device. Each group (5a) of medical devices (5) on a first data transmission level (1) is directly connected via a respective first network (7) to a communication device (6) for transmitting storing and controlling data said communication device being on a second transmission level (2) and a plurality of said communication devices (6) exchanges data with a common central server device (8) for storing controlling and data transmission said server device being on a third data transmission level (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1710/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PENDULAR SYSTEM FOR TRANSPORTING A CIVIL ENGINEERING STRUCTURE IN AN AQUATIC MEDIUM•

(51) International classification :B63B 35/00

(31) Priority Document No :0959607

(32) Priority Date :24/12/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/052886

Filing Date :22/12/2010

(87) International Publication No :WO/2011/077053

(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)MELLIER Erik

(57) Abstract :

The invention relates to a method for transporting a civil engineering structure (1) comprising a mast (3) in an aquatic medium the method comprising the following steps: connecting the civil engineering structure (1) to at least one flotation unit (2) by a fastening means (10) moving the civil engineering structure (1) and the connected flotation unit (2) in the aquatic medium as far as a desired position the fastening means (10) being located in a region of the civil engineering structure (1) that is situated above the centre of equilibrium of said civil engineering structure (1) connected to the flotation unit (2) and fastening means (10) being configured so as to uncouple the rotational movements of the flotation unit (2) and of the civil engineering structure (1) about at least one axis perpendicular to the longitudinal axis of the mast (3) of the civil engineering structure (1).

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1416/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 25/10/2013

(54) Title of the invention : PRINTING MEDIUM&NBSP; INFORMATION PROCESSING METHOD&NBSP; INFORMATION PROCESSING DEVICE•

(51) International classification	:H04N 1/387
(31) Priority Document No	:2009-258348
(32) Priority Date	:11/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070026
Filing Date	:10/11/2010
(87) International Publication No	:WO/2011/059002
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)YOSHIDA Kenji

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(72)Name of Inventor :

1)YOSHIDA Kenji

(57) Abstract :

Provided are a printing medium which is capable of expressing vivid colors without increasing the number of colors and capable of suppressing a printing cost of a dot pattern printing and an information processing method and an information processing device which use the printing medium. According to those, it is possible to perform a superposed printing of a graphic and a dot pattern with one color, which has been considered to be impossible, without using inks having different frequency characteristics. On the printing medium, a dot pattern in which grid dots are disposed in accordance with a predetermined rule to define information and a character, a design, a picture, or the like which is printed with halftones are subjected to the superposed printing. The printing medium is characterized in that the printing is performed so that dots on the printing medium are detected from lightness information recorded in bitmap image data by a predetermined method, and whether the dots are the grid dots which constitute the dot pattern or the halftones is judged by an image analysis processing means.

No. of Pages : 42 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1717/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DRILL FOR IMPLANT SURGERY

(51) International classification	:A61C 3/02, A61C 8/02
(31) Priority Document No	:10-2010-0003589
(32) Priority Date	:14/01/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/006201
Filing Date	:13/09/2010
(87) International Publication No	:WO/2011/087200
(61) Patent of Addition 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)MOON Jong Hoon

2)EOM Tae Gwan

3)LEE Tae Euk

(57) Abstract :

The present invention relates to a drill for an implant surgery which allows a mucous membrane in the maxillary sinus to be fast and safely lifted without being damaged during a surgery for the maxillary sinus. According to the present invention an drill for use in an implant surgery includes a connection portion formed at an upper end of a body of the drill to be connected with a driving device; and a cutting portion formed at a lower end of the body and having a cutting blade for drilling wherein an outer circumferential edge of a distal end of the cutting portion protrudes rather than a center of the distal end of the cutting portion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1718/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SUSTAINED RELEASE NUCLEIC ACID MATRIX COMPOSITIONS

(51) International classification	:A61K9/00, A61K48/00
(31) Priority Document No	:61/296040
(32) Priority Date	:19/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2011/000054
Filing Date	:18/01/2011
(87) International Publication No	:WO 2011/089595
(61) Patent of Addition 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)EMANUEL Noam

2)ROSENFELD Yosef

(57) Abstract :

The present invention provides compositions for extended release of a nucleic acid agent a biodegradable polymer. The present invention also provides methods of producing the matrix compositions and methods for using the matrix compositions to provide controlled release of the nucleic acid agent.

No. of Pages : 72 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1719/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : COMMERCIAL CREDIT CIRCUIT

(51) International classification	:G06Q20/00,G06Q30/00
(31) Priority Document No	:12/657040
(32) Priority Date	:13/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/000179
Filing Date	:12/01/2011
(87) International Publication No	:WO 2011/135412
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VAN ARKEL Hendrik Geert Pieter

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AR Utrecht Netherlands

(72)Name of Inventor :

1)VAN ARKEL Hendrik Geert Pieter

(57) Abstract :

The present disclosure provides a system that is compatible with money and is usable to settle debts and / or for providing liquidity in a marketplace. The management system of the present disclosure uses standardized claims on future payment in an administrative process to provide a source for settlement of obligations between parties and to extend the period in which cash is not needed as a tool for commerce. This means of exchange can be established and used to introduce tools to have the circulation of local purchasing power inside the management system or region optimized. Using computer and specific formulas and approach allows tagging monetary flows in order to optimize the use of its potentials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1554/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHODS AND APPARATUSES FOR CDMA2000/GPRS ROAMING•

(51) International classification	:H04W 60/00
(31) Priority Document No	:60/526,557
(32) Priority Date	:03/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040430
Filing Date	:03/12/2004
(87) International Publication No	:WO/2005/057980
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:654/MUMNP/2006
Filed on	:06/06/2006

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NASIELSKI John W.
2)HSU Raymond T-S.

(57) Abstract :

Interworking and interoperability function IIF architectures and corresponding call flows are provided for CDMA2000/GPRS roaming scenarios such as GPRS foreign mode with Mobile IPv4, GPRS foreign mode with Simple IPv4 or IPv6, CDMA2000 packet data foreign mode with Mobile IPv4, and CDMA2000 packet data foreign mode with Simple IPv4 or IPv6..

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1555/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A METHOD FOR MOUNTING AN OPTICAL LENS TO BE POLISHED•

(51) International classification	:B24B 9/14
(31) Priority Document No	:09306328.7
(32) Priority Date	:24/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070598
Filing Date	:22/12/2010
(87) International Publication No	:WO/2011/076904
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE DTMOPTIQUE)

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(72)Name of Inventor :

1)GACOIN Eric

(57) Abstract :

A method for mounting an optical lens to be polished Method for mounting an optical lens (10) to be polished on a spindle(20)of a polishing device, the optical lens (10) comprising a first and a second main surface (101, 102), the method comprising: an optical lens (10) providing step (S1), in which an optical lens (10) whose first main surface (101) is to be polished is provided, a mounting step (S2), in which the optical lens (10) is mounted on the spindle(20), wherein, the mounting step (S2) further comprises a support device positioning step (S3), in which a support device (30) is positioned between the spindle(20) and the second surface (102) of the optical lens (10) so as to be rotated by the spindle(20) and to have a contact surface (31) partly in contact with the second main surface (102) of the optical lens (10) that partly extends beyond the second main surface (102) of the optical lens (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1557/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : HIERARCHICAL INFORMATION DISSEMINATION FOR LOCATION BASED SYSTEMS•

(51) International classification :H04L 29/08

(31) Priority Document No :12/851,426

(32) Priority Date :05/08/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/059568

Filing Date :08/12/2010

(87) International Publication No :WO/2011/072074

(61) Patent of Addition 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)SRIDHARA Vinay

2)KHORASHADI Behrooz

3)DAS Saumitra Mohan

(57) Abstract :

Techniques are provided which may be implemented in various methods and/or apparatuses that support information dissemination for and/or within location based systems to control information dissemination.

No. of Pages : 47 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1720/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : TRANSFER MECHANISM

(51) International classification :B65H5/22,B65H29/24,H01M8/02

(31) Priority Document No :1000651.8

(32) Priority Date :15/01/2010

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2010/002349

Filing Date :31/12/2010

(87) International Publication No :WO 2011/086340

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)INTELLIGENT ENERGY LIMITED

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(72)Name of Inventor :

1)HOOD Peter David

(57) Abstract :

A mechanism for transferring a flexible sheet material (202) from a first substrate (203) to a second substrate (204) the mechanism having a head rotatable and translatable relative to the first and second substrates the head (201) comprising a cylindrical curved portion (205) having an outer face (207) across which are provided openings (206) configured to apply air pressure to sheet material (202) contacting the outer surface (207) such that the head (201) is adapted to transfer the sheet material (202) from the first substrate (203) to the second substrate (204) by a combination of rotation and translation of the head (201).

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1721/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : 3 4 4A 10B TETRAHYDRO 1H THIOPYRANO [4 3 C] ISOQUINOLINE DERIVATIVES

(51) International classification :C07D519/00
(31) Priority Document No :09179982.5
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069704
Filing Date :15/12/2010
(87) International Publication No :WO 2011/073231
(61) Patent of Addition 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)STENGEL Thomas
3)MANN Alexander
4)OHMER Harald
5)KAUTZ Ulrich
6)WEINBRENNER Steffen
7)FISCHER Stefan
8)ZITT Christof
9)HATZELMANN Armin
10)DUNKERN Torsten
11)HESSLINGER Christian
12)MAIER Thomas
13)TENOR Hermann
14)BRAUN Clemens
15)KLZER Raimund
16)MARX Degenhard

(57) Abstract :

The compounds of formula (1) in which A R1 R2 R3 and R5 have the meanings as given in the description are novel effective inhibitors of type 4 and 5 phosphodiesterase.

No. of Pages : 157 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1722/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MOTOR VEHICLE CLUTCH RELEASE BEARING EQUIPPED WITH A SEALING DEVICE

(51) International classification :F16D 23/14

(31) Priority Document No :1000222

(32) Priority Date :20/01/2010

(33) Name of priority country :France

(86) International Application No :PCT/FR2011/000019

Filing Date :13/01/2011

(87) International Publication No :WO/2011/089335

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NTN-SNR ROULEMENTS

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France

(72)Name of Inventor :

1)BERTHIER Julien

(57) Abstract :

The invention relates to a motor vehicle throw-out bearing including a rotatable ring (1) and a stationary ring (2) arranged so as to form therebetween at least one annular space (8) that is placed on one side of the raceway (5) said annular space being provided with a sealing device including a deflector (9) that is rigidly connected to a ring (1 2) said deflector having two bearings (9a 9b) that radially extend into the annular space (8) while being axially spaced so as to define an annular recess (10) said sealing device also including an insert (11) that is mounted onto the other ring (2 1) said insert being placed in the annular recess

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1559/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : FUEL CELL SEPARATOR AND FUEL CELL INCLUDING SAME•

(51) International classification :H01M 8/02
(31) Priority Document No :2009-268045
(32) Priority Date :25/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/006690
Filing Date :15/11/2010
(87) International Publication No :WO/2011/064961
(61) Patent of Addition 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)KUSAKABE Hiroki
2)KAWABATA Norihiko
3)UMEDA Takahiro
4)KOASHI Naotsugu

(57) Abstract :

A fuel cell separator of the present invention is provided with a reactant gas flow region (8) including a plurality of straight portions (11) and one or more turn portions (12). At least one of one or more turn portions (12) includes a gas mixing portion (12b), a gas meeting portion (12a), and a gas separating portion (12c). Second rib portions (14) are formed in the gas meeting portion (12a) and the gas separating portion (12c). The second rib portions (14) are formed such that the length of an inner second rib portion (14) is shorter than the length of an outer second rib portion (14) in a direction in which the second rib portions (14) extend. An outermost second rib portion (141) located farthest from a center rib portion (13A) is formed so as to be bent inward toward the center line (131).

No. of Pages : 50 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1560/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : GLASS PANEL HAVING ULTRASONICALLY INTEGRATED CONDUCTING WIRES•

(51) International classification :H05B 3/84

(31) Priority Document No :0958663

(32) Priority Date :04/12/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/052598

Filing Date :02/12/2010

(87) International Publication No :WO/2011/067541

(61) Patent of Addition 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)LAURENCOT Laetitia

2)VERRAT-DEBAILLEUL Ad`le

3)SCHLARB Andreas

4)RATEICZAK Mitja

5)DEGEN Christoph

(57) Abstract :

The invention relates to: - a glazing integrating a conducting wire, characterized in that a surface of the glazing comprises a substrate made of a polymer material wherein the conducting wire is partly sunken and at the very most flush with the surface of the polymer material, or a substrate made of mineral glass or made of a polymer material onto which the conducting wire is adhesively bonded; - the process for manufacturing such a glazing; and - the application thereof, for a transport vehicle, for the building trades, street furniture, interior fittings, electrical goods or electronics.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1725/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DURABLE COATED ABRASIVE ARTICLE

(51) International classification	:C09K3/14
(31) Priority Document No	:61/290746
(32) Priority Date	:29/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/062424
Filing Date	:29/12/2010
(87) International Publication No	:WO 2011/090757
(61) Patent of Addition 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)CAI Ying

(57) Abstract :

An abrasive article comprising abrasive grains bonded with a binder comprising a matrix polymer and an amphiphilic block copolymer dispersed in the matrix polymer. The abrasive article can be a coated abrasive article such as an engineered abrasive article including a backing. The binder can bind the abrasive grains to the backing.

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1726/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SPRINGS AND METHODS OF FORMING SAME

(51) International classification	:F16F1/36
(31) Priority Document No	:61/290711
(32) Priority Date	:29/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/062415
Filing Date	:29/12/2010
(87) International Publication No	:WO 2011/090756
(61) Patent of Addition 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)GHALAMBOR Hamid Reza

2)VAIDEESWARAN Karthik

(57) Abstract :

A seal includes a polymeric jacket defining a seal surface and an inner cavity extending within the polymeric jacket along a length of the polymeric jacket. The seal further includes a spring extending within the inner cavity and including a plurality of laser cut spring elements. The seal can be disposed between a static component and a rotatable component.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1727/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ABRASIVE ARTICLE INCORPORATING AN INFILTRATED ABRASIVE SEGMENT

(51) International classification :B24D3/02,B24D11/00,B24D18/00
(31) Priority Document No :61/291785
(32) Priority Date :31/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/062633
Filing Date :31/12/2010
(87) International Publication No :WO 2011/082377
(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)HOANG Marc L.
2)GOSAMO Ignazio
3)HEYEN Andr R. G.

(57) Abstract :

An abrasive article includes a base an abrasive member comprising three distinct phases bonded to each other including abrasive particles a metal matrix and an infiltrant. The abrasive article further includes a backing region between the abrasive member and the base wherein the backing region comprises a laser welded bond joint.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1731/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR REPRESENTATION SWITCHING IN HTTP STREAMING•

(51) International classification :H04L 29/06

(31) Priority Document No :61/305,985

(32) Priority Date :19/02/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/SE2011/050166

Filing Date :16/02/2011

(87) International Publication No :WO/2011/102791

(61) Patent of Addition 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)EINARSSON Torbjrn

2)FR-JDH Per

3)PRIDDLE Clinton

4)WU Zhuangfei

(57) Abstract :

In a method of enabling representation switching during HTTP streaming sessions in a communication system arranging (S10) available representations into groups providing (S20) information identifying the groups and their respective representations and switching (S30) representation based on the provided group identify information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1732/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : NEW PROCESSES FOR PRODUCING BENZOPHENONE DERIVATIVES

(51) International classification	:C07C41/30
(31) Priority Document No	:61/296096
(32) Priority Date	:19/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2011/000058
Filing Date	:19/01/2011
(87) International Publication No	:WO 2011/089385
(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)NILSSON Jonas

(57) Abstract :

12a2b2c2d2e3a3b3c3d3eThere is provided a process for the preparation of a compound of formula (I): wherein X R R R R R R R R R and R are as described in the description. Such compounds may for example be useful medicament (or intermediates for medicaments).

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1733/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POWER TRANSMISSION SYSTEM AND POWER SUPPLY DEVICE FOR VEHICLES•

(51) International classification :B60L 11/18
(31) Priority Document No :2010-003998
(32) Priority Date :12/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2011/000019
Filing Date :10/01/2011
(87) International Publication No :WO/2011/086445
(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)HIRAYAMA Hiroshi
4)KIKUMA Nobuyoshi
5)SAKAKIBARA Kunio

(57) Abstract :

A power transmission system has an AC power source (210) and a high-frequency power driver (220) that make up a high-frequency power source and a primary self-resonant coil (240) and a secondary self-resonant coil (110). The secondary self-resonant coil (110) is magnetically coupled by magnetic field resonance to the primary self-resonant coil (240) and receives as a result high-frequency power from the primary self-resonant coil (240). The coils of the primary self-resonant coil (240) and the secondary self-resonant coil (110) resonate in an even mode when high-frequency power is transmitted from the primary self-resonant coil (240) to the secondary self-resonant coil (110). Specifically the primary self-resonant coil (240) and the secondary self-resonant coil (110) resonate in a state where currents in mutually opposite directions flow in the two coils.

No. of Pages : 43 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1734/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POLYESTER FILM WITH UV STABILITY AND HIGH LIGHT TRANSMITTANCE

(51) International classification :C08J7/04
(31) Priority Document No :1001947.9
(32) Priority Date :05/02/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2011/000415
Filing Date :04/02/2011
(87) International Publication No :WO 2011/117694
(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)MANDOKORO Nori
2)SHEPHERD Simon

(57) Abstract :

A composite film comprising: (i) a heat stabilised oriented polyester substrate comprising a UV absorber in an amount of from about 0.1 to about 10% based on the total weight of the polyester substrate and (ii) on one or both surfaces of the substrate a polymeric coating layer which has a thickness in the range of from about 10 nm to about 200 nm and which comprises an ethylene acrylic acid (EAA) copolymer wherein the composite film exhibits a shrinkage at 150°C for 30 minutes of less than 0.1% in both the longitudinal and transverse dimensions of the film and use thereof in the manufacture of photo voltaic cells.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1735/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :07/06/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : FINNED TUBE RADIATOR CORE

(51) International classification	:F28F1/24, F28F1/26	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LTD.
(31) Priority Document No	:NA	Address of Applicant :GATEWAY BUILDING, APOLLO
(32) Priority Date	:NA	BUNDER, MUMBAI-400001. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. SAMANT SHARAD RAMKRISHNA
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 relates generally to a radiator used with motor vehicles such as tractors and like, and particularly, to a radiator core having plurality of fluid conducting means such as tubes which are adapted to design with finned outer surface to increase cooling surface area thereby to obviate need of separate fins and other means to sustain performance of radiator core equally and to make the radiator core efficient in engine cooling and for allowing minimum air pressure drop across its core, that further results in less power and fuel consumption by radiator fan and to provide a radiator core which can be cleaned easily without causing damage to the radiator core and to provide a radiator core with higher volume flow rate of coolant and other novel objectives

No. of Pages : 16 No. of Claims : 6

(54) Title of the invention : SIGNALING MECHANISMS AND SYSTEMS FOR ENABLING,TRANSMITTING AND MAINTAINING INTERACTIVITY FEATURES ON MOBILE DEVICES IN A MOBILE BROADCAST COMMUNICATION SYSTEM

(51) International classification :H04N 7/173
 (31) Priority Document No :61/294,753
 (32) Priority Date :13/01/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/021208
 Filing Date :13/01/2011
 (87) International Publication No :WO/2011/088262
 (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)GUPTA Binita**2)CHITTULURI Suryanarayana C****3)PITCHAIMANI Rajkumar****4)PILIPSKI Eitan****5)MEHTA Utkarsh A.****6)SILBERGER Amnon**

(57) Abstract :

Systems apparatus and methods provide an automatic capability for generating interactivity event applications for execution on receiver devices within a broadcast network based upon interactivity event application data information and sequence logic. Interactivity event content providers may provide to a broadcast network interactivity event application data event metadata information and sequence logic a broadcast network. Interactivity application data for an interactive sequence may be delivered out-of-band such that the application data is not embedded in an interactivity event. Interactivity sequence application data may be sent out- of-band from the associated interactivity event signaling message. Application data may be sent on a different transport channels in advance of the interactivity event. The system may determine when data should be sent out-of-band and when it should be sent in-band.

No. of Pages : 227 No. of Claims : 381

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1741/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : RESOURCE ALLOCATION AND TRANSMISSION FOR COORDINATED MULTI-POINT TRANSMISSION•

(51) International classification	:H04L 5/00
(31) Priority Document No	:61/302,038
(32) Priority Date	:05/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/023807
Filing Date	:04/02/2011
(87) International Publication No	:WO/2011/097523
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

Methods apparatuses and articles of manufacture are disclosed that provide for partial downlink and uplink resource allocations among cooperating cells in a CoMP transmission to a user equipment. The resource allocation can be based on channel conditions and differing capabilities and restrictions of cooperating cells such as in support of heterogeneous network configurations. This Abstract is provided for the sole purpose of complying with the Abstract requirement rules that allow a reader to quickly ascertain the disclosed subject matter. Therefore it is to be understood that it should not be used to interpret or limit the scope or the meaning of the claims.

No. of Pages : 73 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1742/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHODS AND APPARATUSES FOR TRANSMITTING AN ALLOCATION OF TIME IN A WIRELESS SYSTEM•

(51) International classification :H04W 72/04
(31) Priority Document No :61/300,752
(32) Priority Date :02/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023505
Filing Date :02/02/2011
(87) International Publication No :WO/2011/097318
(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)TAGHAVI NASRABADI Mohammad Hossein
3)SAMPATH Hemanth

(57) Abstract :

Various methods and apparatuses for transmitting an allocation of time in a wireless communication system are disclosed. In one aspect an allocation of time for receiving communications via a receive beam direction is transmitted. The allocation of time may be based on information regarding an apparatus known to be located in the receive beam direction. A unique time for receiving communications from each known apparatus may be allocated or a duration of time for receiving communications from the known apparatuses may vary based on a number of apparatuses known to be located in a receive beam direction.

No. of Pages : 54 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1714/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : 5-AMINO-4 HYDROXPENTOYL AMIDES

(51) International classification :C07D213/64,C07D213/74,C07D277/30
(31) Priority Document No :09178979.2
(32) Priority Date :11/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069328
Filing Date :10/12/2010
(87) International Publication No :WO 2011/070131
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

HIV inhibitors of formula (I) wherein R1 is halo, C1-4alkoxy, trifluoromethoxy; R2 is a group of formula (A); R3 is a group of formula (B); R4 is a group of formula (C); n is 0 or 1; A is CH or N; R5 and R6 are hydrogen, C1-4alkyl, halo; R7 and R8 are C1-4alkyl or C1-4alkoxyC1-4alkyl; R9 is C1-4alkyl, cyclopropyl, trifluoromethyl, C1-4alkoxy, or dimethylamino; R10 is hydrogen, C1-4alkyl, cyclopropyl, trifluoromethyl, C1-4alkoxy, or dimethylamino; pharmaceutically acceptable addition salts and solvates thereof; pharmaceutical compositions containing these compounds as active ingredient and processes for preparing said compounds.

No. of Pages : 114 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3591/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : DEVICE AND METHOD FOR PROVIDING POWER TO OPTICAL NETWORK UTILITIES

(51) International classification	:H04B 10/08	(71)Name of Applicant : 1)Sterlite Networks Limited
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(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Mr. Vijay Jain
Filing Date	:NA	2)Mr. Anand Menon
(87) International Publication No	: NA	3)Mr. Prashant Dubey
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a device (1000) for providing power to one or more Optical Network Utilities (NUs) (1100) in an optical network (1300) used to provide communication to a plurality of devices (1400) of subscribers. The device (1000) includes one or more Power over Ethernet (POE) adapters (1200) operatively coupled to the subscriber devices. The POE adapters are configured to derive AC power and data signals from the plurality of devices and convert the derived AC power into DC signals. Further the device includes a Power over Ethernet (POE) splitter (1500) operatively coupled to the POE adapters. The POE splitter is configured to split the DC signals from the data signals and feed the DC signals to the one or more NUs for satisfying their power needs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1370/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : AQUEOUS POLYMER DISPERSIONS•

(51) International classification	:C08J 3/05
(31) Priority Document No	:09175798.9
(32) Priority Date	:12/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067329
Filing Date	:11/11/2010
(87) International Publication No	:WO/2011/058121
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

A process for the manufacture of an aqueous polymer dispersion comprising the steps of i)providing a mixture of a first and second polymer each having a viscosity greater than 30 Pa.s at 100s-1 when measured at 100°C, the mixture comprising a) from 1 to 60 parts by weight of a first polymer immiscible in aqueous medium and optionally comprising reactive moieties and b) from 40 to 99 parts by weight of a second polymer comprising dispersing 10 groups, the polymer being miscible in the aqueous medium and optionally further comprising moieties reactive with the moieties on the first polymer ii)causing the polymers to melt at a chosen temperature under conditions of high shear in an extruder to form an intimate mixture of the polymers iii)optionally causing the reactive moieties of the first and second polymer to 1 react with each other,under conditions of high shear in an extruder, to form a reacted mixture iv) quench cooling the molten mixture of step ii) or step iii) outside the extruder to form a solid product v) optionally breaking up the solid product into smaller pieces 20 vi)contacting the solid product with the aqueous medium wherein the aqueous medium dissolves the second polymer but not the first polymer to form a dispersion comprising microparticles of the first polymer in an aqueous solution of the second polymer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1526/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : NOTIFICATION OF INTERACTIVITY EVENT ASSET DELIVERY SOURCES IN A MOBILE BROADCAST COMMUNICATION SYSTEM•

(51) International classification :H04N 7/173
(31) Priority Document No :61/294,753
(32) Priority Date :13/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021203
Filing Date :13/01/2011
(87) International Publication No :WO/2011/088259
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)PILIPSKI Eitan
5)CHITTULURI Suryanarayana C.

(57) Abstract :

Systems, apparatus and methods provide an automatic capability for generating interactivity event applications for execution on receiver devices within a broadcast network based upon interactivity event application data, information and sequence logic. Interactivity event content providers may provide to a broadcast network interactivity event application data, event metadata information and sequence logic a broadcast network. Interactivity resources for interactivity sequences associated with one or more real-time channels are broadcast over the broadcast network such that the resources share a file data flow, or such that they can be carried on separate file data flows. File data flow identifiers and overhead flow identifiers are indicated in the Service SI. Interactivity signaling messages for interactivity sequences associated with one or more real times channels are broadcast on auxiliary flows.

No. of Pages : 174 No. of Claims : 128

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1527/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE POWDER COMPOSITION•

(51) International classification	:C08J 3/22
(31) Priority Document No	:09075533.1
(32) Priority Date	:02/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/007289
Filing Date	:01/12/2010
(87) International Publication No	:WO/2011/066956
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :
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(57) Abstract :

The invention is directed to an ultra high molecular weight polyethylene powder composition comprising precipitated magnesium salt of a carboxylic acid. The process for the addition of the precipitated magnesium salt of a carboxylic acid to ultra high molecular weight polyethylene takes place by adding a master fluff comprising virgin ultra high molecular weight polyethylene and precipitated magnesium salt of a carboxylic acid to virgin ultra high molecular weight polyethylene. The precipitated magnesium salt of a carboxylic acid results in an improved corrosion behaviour and in improved colour characteristics. Furthermore the free flowing properties of the powder are positively influenced by this additive.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1466/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND DEVICE FOR INVESTIGATING WIFI DISPLAY SERVICE IN A WIFI DIRECT NETWORK•

(51) International classification	:H04W 48/16
(31) Priority Document No	:61/261,850
(32) Priority Date	:17/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/008084
Filing Date	:16/11/2010
(87) International Publication No	:WO/2011/062404
(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)VERMA Lochan

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(57) Abstract :

Disclosed are a device and a method for investigating the WIFI display service in a WIFI DIRECT network. In the disclosed device and method, a Service Discovery Request Frame for investigating the service supported by a second WFD device (WiFi Display) in a WiFi Direct network is formed; the service discovery request frame is transmitted to the second WFD device; and a service discovery response frame is received from the second WFD device as a response to the service discovery request frame. The service discovery request frame and the service discovery response frame are each formed using an 802.11u Generic Advertising Service (GAS), an initial request frame (GAS Initial Request Frame), and a GAS Initial Response Frame.

No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MULTIPLEXING ON THE REVERSE LINK FEEDBACKS FOR MULTIPLE FORWARD LINK FREQUENCIES•

(51) International classification	:H04B 1/707
(31) Priority Document No	:60/669,437
(32) Priority Date	:08/04/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/013880
Filing Date	:10/04/2006
(87) International Publication No	:WO/2006/110874
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1841/MUMNP/2007
Filed on	:02/11/2007

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(72)**Name of Inventor :**
1)REZAIIFAR Ramin
2)AGASHE Parag
3)BLACK Peter J.

(57) Abstract :

The present patent application comprises a method and apparatus for multiplexing reverse link feedback channels on a single reverse link frequency supporting multiple forward link frequencies for forward link channels, comprising assigning the reverse link frequency to a mobile station, assigning one or more of the forward link frequencies to the reverse link frequency, and code division multiplexing a plurality of the reverse link feedback channels on the reverse link frequency.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1545/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MEASURING SYSTEM IN A FLUID CIRCUIT OF A CONTINUOUS INKJET PRINTER, RELATED FLUID CIRCUIT AND BLOCK DESIGNED TO IMPLEMENT SAID MEASURING SYSTEM

(51) International classification	:B41J 2/17
(31) Priority Document No	:0959504
(32) Priority Date	:23/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/070416
Filing Date	:21/12/2010
(87) International Publication No	:WO/2011/076810
(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)PROTHON, FLORENT
2)POURTIER, FRANCIS
3)POUZET, SEBASTIEN

(57) Abstract :

The invention concerns a measuring system in a fluid circuit of a continuous inkjet printer. According to the invention, a system for measuring the quantity of ink is realized using a continuous sensor (15) equipping a measuring tank (12), which is first emptied then connected by communicating vessel with an intermediate tank (11) storing the ink which, pressurized, supplies the printing head and The measuring system advantageously constitutes a multifunctional system since it makes it possible, using a dedicated constant level tank (13) communicating with the intermediate tank (11) and also by communicating vessel with the measuring tank (12), to measure the viscosity of the ink and the correction thereof if necessary by adding solvent from a dedicated solvent tank (14).

No. of Pages : 47 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1698/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND SYSTEM FOR WEIGHTED ANALYSIS OF NEUROPHYSIOLOGICAL DATA

(51) International classification :G06F 19/00
(31) Priority Document No :61/295,797
(32) Priority Date :18/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2011/000055
Filing Date :18/01/2011
(87) International Publication No :WO/2011/086563
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)KANTER Ayelet

7)SHANI-HERSHKOVICH Revital

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(57) Abstract :

A method of analyzing neurophysiological data is disclosed. The method comprises: identifying activity-related features in the data constructing a brain network activity (BNA) pattern having a plurality of nodes each representing a feature of the activity-related features and assigning a connectivity weight to each pair of nodes in the BNA pattern.

No. of Pages : 146 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1711/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD FOR THE REMOVAL AND CONDENSATION OF VAPORS

(51) International classification :B01D 53/02

(31) Priority Document No :61/286,900

(32) Priority Date :09/07/2012

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/060854

Filing Date :16/12/2010

(87) International Publication No :WO/2011/084640

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)JAMES W. PATTEN

(57) Abstract :

A method for removal and condensation of vapors from within an enclosed space is disclosed. An enclosed space containing material is surrounded by an insulative permeable layer having a lowering temperature gradient between the inner surface and the outer surfaces. The insulative layer may also be covered by an impermeable layer. Heating the material in the enclosed space causes the formation of vapors at a positive pressure within the enclosed space. Vapors pass through the inner surface of the insulative permeable layer and contact the permeable materials and are condensed by the lowering temperature within the insulative layer. The condensate liquid passes downwardly through the insulative layer for collection. The positive pressure within the heated enclosed space and the condensation and lowering of pressure and temperature within the insulative layer serves to draw additional vapors from within the enclosed space into the insulative layer for condensation and collection.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1708/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DEVICE FORMING A CHEMICAL REACTOR WITH IMPROVED EFFICIENCY COMPRISING A HEAT EXCHANGING CIRCUIT

(51) International classification :B01J19/00

(31) Priority Document No :10 50132

(32) Priority Date :11/01/2010

(33) Name of priority country :France

(86) International Application No :PCT/EP2011/050215

Filing Date :10/01/2011

(87) International Publication No :WO 2011/083163

(61) 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 L'ENERGIE ATOMIQUE ET AUX
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(72)Name of Inventor :

1)COUTURIER Raphaël

2)BERNARD Charlotte

3)LEIBOLD Jean Marc

4)TOCHON Patrice

5)VIDOTTO Fabien

(57) Abstract :

A device forming a chemical reactor comprising a first circuit intended to form a chemical reactor, where said first circuit comprises several channels (10), wherein flow at least two chemicals intended to react with one another, where the channels (10) have a three-dimensional structure comprising bends and junctions forcing the fluid to change direction, and a second heat exchange circuit comprising multiple channels (36), wherein a heat transfer fluid flows, positioned as close as possible to the channels (10) wherein the reaction occurs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1381/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ELITE EVENT EE-GM3 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES

(51) International classification	:C12Q 1/68
(31) Priority Document No	:09014564.0
(32) Priority Date	:23/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US10/057869
Filing Date	:23/11/2010
(87) International Publication No	:WO/2011/063411
(61) Patent of Addition 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)MS TECHNOLOGIES LLC

(72)Name of Inventor :

1)MASON, JUSTIN, THOMAS

2)LETTOW, LESLIE, JAMES

3)EBY, MARK, ALAN

4)EBY, WILLIAM, H.

5)WELZ, GUNTER

6)VERHAEGHE, STEVEN

7)DE BEUCKELEER, MARC

8)HABEX, VEERLE

9)FERULLO, JEAN-MARC

(57) Abstract :

The invention provides specific transgenic soybean plants, plant material and seeds, characterized in that these products harbor a specific herbicide tolerance transformation event at a specific location in the soybean genome. Tools are also provided which allow rapid and unequivocal identification of the event in biological samples.

No. of Pages : 96 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1457/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : HOMOGENEOUS MEASUREMENT METHOD AND MEASURING REAGENT

(51) International classification :G01N 33/531

(31) Priority Document No :2009-272437

(32) Priority Date :30/11/2009

(33) Name of priority country :Japan

(86) International Application No :PCT/JP10/071402

Filing Date :30/11/2010

(87) International Publication No :WO 2011/065573

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SEKISUI MEDICAL CO., LTD.

Address of Applicant :13-5, NIHONBASHI 3-CHOME,
CHUO-KU, TOKYO 1030027 Japan

(72)Name of Inventor :

1)TAKAHASHI, HIROSHI

2)TAKAHASHI, YUKI

3)KANEKO, CHIE

(57) Abstract :

Provided is a homogenous measurement method using insoluble carrier particles that suppresses the matrix effect originating from the sample and also suppresses differences in measurement accuracy among different models of automated analyzers. Also provided is a measuring reagent for use in an automated analyzer. Inclusion of a silicone-based defoaming agent in the reagent reduces the matrix effect originating from the sample and reduces variability of measurement accuracy among different automated analyzers having differing specifications.

No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1535/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : NEGOTIATED CHANNEL INFORMATION REPORTING IN A WIRELESS COMMUNICATION SYSTEM•

(51) International classification	:H04B 1/00
(31) Priority Document No	:60/691,704
(32) Priority Date	:16/06/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/023584
Filing Date	:16/06/2006
(87) International Publication No	:WO/2006/138622
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2204/MUMNP/2007
Filed on	:26/12/2007

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America

(72)Name of Inventor :

1)SAMPATH Hemanth

2)JULIAN David Jonathan

(57) Abstract :

Techniques to enhance the performance in a wireless communication system using CQI feedback optimized to support different scenarios. According to one aspect, an access terminal may select a CQI feedback table based on the access terminals capability. According to another aspect, an access point may select a CQI feedback table based on an access terminals capability, system loading and the type of service provided by the access point. An access point which provides services that require high data rates may select a larger CQI feedback table to support the high data rates for access terminals which support the larger CQI feedback table. The same access point may select a smaller CQI feedback table for access terminals which do not have the capability or need for the high data rate services.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.941/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : VEHICLE LIFTING DEVICE

(51) International classification	:B60S 9/02, B66F 7/00	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)ASHUTOSH PANDURANG PATIL
(33) Name of priority country	:NA	2)SANJAY PRABHAKAR DESHPANDE
(86) International Application No	:NA	3)SUNIL KISANRAO RAJURKAR
Filing Date	:NA	4)HEMANT PRABHAKAR RAIBAGKAR
(87) International Publication No	: NA	5)CHANDRASHEKHAR LAXMAN PATIL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Invention relates to a Vehicle lifting device. The said vehicle lifting device comprises of hub holding flat bracket 2 having an opening with cylindrical hub housing 6 at one end and a hole 8 for fixing rope at other end. A pair of strips, having at least one threaded hole therein, symmetrically formed/attached radially to the said housing at equal -angle from the line passing through centre of the said housing and other end hole. A tyre support arm 3 of curved profile, to accommodate the tyre of the vehicle, having vertical portion 13 and horizontal portion with bent at end 12 fixed to the said strips by screwing,. The said other end of bracket provided with curved profile 9 so as to make the said hole to align with the plane passing through the front face of the said housing 6.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1539/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD FOR DETERMINING AND MONITORING THE LEVEL OF A MEDIUM IN A CONTAINER ACCORDING TO A RUNTIME MEASUREMENT METHOD

(51) International classification	:G01F 23/00	(71)Name of Applicant :
(31) Priority Document No	:102009055262.6	1)ENDRESS+HAUSER GMBH+CO. KG
(32) Priority Date	:23/12/2009	Address of Applicant :HAUPTSTRASSE 1, 79689
(33) Name of priority country	:Germany	MAULBURG, GERMANY
(86) International Application No	:PCT/EP10/067254	(72)Name of Inventor :
Filing Date	:11/11/2010	1)KLOEFER, PETER
(87) International Publication No	:WO 2011/076478	2)MAYER, WINFRIED
(61) Patent of Addition to Application Number	:NA	3)SPANKE, DIETMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for ascertaining and monitoring fill level of a medium in a container by means of a field device with a travel time measuring method, wherein, in a learning phase, application- and device referenced test signals and response signals expected from a fill level upper surface are determined and, therefrom, application- and device referenced comparison signals are ascertained, wherein, in an operational phase, test signals are transmitted toward the medium and application- and device referenced, response signals are received, as well as, by-means of a comparison algorithm, the comparison signals are compared with the response signals and a value for an agreement probability (P) is ascertained, and wherein, upon exceeding the ascertained value of the agreement probability above a predetermined limit value, the fill level is ascertained and output as measured value and/or, in the case of subceeding, or falling beneath, the predetermined limit value, a new test signal is transmitted for renewed ascertaining of a response signal.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1427/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ACCOUNTING FOR USER EXPERIENCE IN PEDESTRIAN NAVIGATION ROUTING

(51) International classification	:G01C 21/34
(31) Priority Document No	:61/285,852
(32) Priority Date	:11/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/059574
Filing Date	:08/12/2010
(87) International Publication No	:WO/2011/072079
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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United States of America
(72)**Name of Inventor :**
1)GUPTA Rajarshi
2)DAS Saumitra Mohan
3)JEONG Min-Wook

(57) Abstract :

The subject matter disclosed herein relates to a system and method for determining navigation instructions within a pedestrian navigation environment. The method and the system comprise the determination of an optimal path to a destination based on a measurement of similarity between one of more points of interest along the path and the destination.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1429/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SPATIAL ALIGNMENT DETERMINATION FOR AN INERTIAL MEASUREMENT UNIT (IMU)•

(51) International classification :G01C 21/16

(31) Priority Document No :12/622,703

(32) Priority Date :20/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/057499

Filing Date :19/11/2010

(87) International Publication No :WO/2011/063280

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration

5775 Morehouse Drive San Diego California 92121-1714

United States of America

(72)Name of Inventor :

1)CZOMPO Joseph

(57) Abstract :

The subject matter disclosed herein relates to a system and method for determining a spatial alignment of an inertial measurement unit (IMU). By way of example, a method is described in which a first vehicle-based direction is identified, and the first vehicle-based direction is associated with a first direction that is transformable to an earth-based coordinate frame. A spatial alignment of the IMU is determined based at least partially on the first direction.

No. of Pages : 75 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1510/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DIET BEVERAGE PRODUCTS COMPRISING REBAUDIOSIDE A&NBSP; ERYTHRITOL OR TAGATOSE AND AN ACIDULANT•

(51) International classification :A23L 1/236

(31) Priority Document No :11/686,318

(32) Priority Date :14/03/2007

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2008/056798

Filing Date :13/03/2008

(87) International Publication No :WO/2008/112857

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :2741/MUMNP/2008

Filed on :24/12/2008

(71)Name of Applicant :

1)THE CONCENTRATE MANUFACTURING COMPANY OF IRELAND

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Hamilton HM-11 Bermuda

(72)Name of Inventor :

1)TALEBI Fari

2)GARCIA Manuel Antonio Arce

3)LEE Thomas

4)CHANG Pei K.

5)CHEN Hang

6)ZANIEWSKI Todd A.

(57) Abstract :

Beverage products and methods for making the same are disclosed. The beverage products comprise a non-nutritive sweetener comprising rebaudioside A and at least one of tagatose, and erythritol, and an acidulant comprising lactic, tartaric, and citric acids.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1728/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : TENSION COMPENSATION DEVICE WITH BRAKE FUNCTION

(51) International classification :B60M1/26,H02G7/18,H02G7/02
(31) Priority Document No :200920213160.9
(32) Priority Date :15/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/072458
Filing Date :05/05/2010
(87) International Publication No :WO 2011/072508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KERN LIEBERS (TAICANG) CO. LTD.
Address of Applicant :88 Nanjing Road Taicang Jiangsu
215400 China
(72)Name of Inventor :
1)ZHANG Zhenwei
2)MAENDLE Werner

(57) Abstract :

The invention relates to a tension compensation device with brake function, which at least comprises a main shaft (10) and a shell (20) rotating relative to each other. One of the main shaft (10) and the shell (20) is used for connecting with a tension part (30). An elastic part is arranged between the main shaft (10) and the shell (20) so as to provide a torque there between, which reacts on the tension part (30). The tension compensation device also comprises a brake mechanism in whole or in part. When the tension compensation device fails due to the fracture of the tension part (30), the brake mechanism will be triggered by gravity to implement the brake function. The tension compensation device uses gravity to trigger the brake mechanism, and implements the brake function at low cost, and has the advantages of simple structure, high reliability, a wide range of applications and the like.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1743/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : IP MULTIMEDIA SUBSYSTEM USER IDENTITY HANDLING METHOD AND APPARATUS•

(51) International classification :H04W 12/04

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2010/051802

Filing Date :12/02/2010

(87) International Publication No :WO/2011/098138

(61) Patent of Addition 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)PRZYBYSZ Hubert

2)...STR-M Bo

3)BALDWIN John

4)FALKEN... Jonas

(57) Abstract :

A method of enabling users of a third party Internet service who are not necessarily subscribers of an IP Multimedia Subsystem IMS network to access services provided by the IMS network. The method comprises registering a user with said third party Internet service via the Internet using an Internet service identity of the user and sending to the user from said third party Internet service and via the Internet IMS network access information. The access information is then used to register the user with the IMS network wherein following IMS registration the user is able to access IMS network services.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1729/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DIARYL ALKYLPHOSPHONATES AND METHOD FOR PREPARING SAME

(51) International classification	:C07F 9/02
(31) Priority Document No	:60/700,581
(32) Priority Date	:19/07/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/028011
Filing Date	:19/07/2006
(87) International Publication No	:WO/2007/011998
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:281/MUMNP/2008
Filed on	:18/02/2008

(71)**Name of Applicant :**
1)FRX POLYMERS, INC.
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(72)**Name of Inventor :**
1)FREITAG, DIETER

(57) Abstract :

A composition consisting essentially of a product resulting from reacting phosphorous trihalide and optionally substituted arylol; and optionally substituted alkanol.

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1730/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A FLEXIBLE TUBING MATERIAL AND METHOD OF FORMING THE MATERIAL

		(71)Name of Applicant : 1)SAINT GOBAIN PERFORMANCE PLASTICS CORPORATION Address of Applicant :1199 South Chillicothe Road Aurora Ohio 44202 UNITED STATES OF AMERICA
(51) International classification	:C08L9/06,C08L23/00	(72)Name of Inventor :
(31) Priority Document No	:61/290731	1)SIDDHAMALLI Sridhar K.
(32) Priority Date	:29/12/2009	2)LIU Zhizhong
(33) Name of priority country	:U.S.A.	3)SIMON Mark W.
(86) International Application No	:PCT/US2010/062430	4)GOLUB Charles S.
Filing Date	:29/12/2010	5)SARDINHA Heidi
(87) International Publication No	:WO 2011/090759	6)GARVER Wayne E.
(61) Patent of Addition to Application Number	:NA	7)COLTON Mark F.
Filing Date	:NA	8)WELLS Robert L.
(62) Divisional to Application Number	:NA	9)STADT Gerald L.
Filing Date	:NA	10)TZIVANIS Michael J.
		11)RISEN William
		12)KLETTLINGER Nathan

(57) Abstract :

A flexible tubing material includes a radiation crosslinked blend of a first elastomeric polymer including a styrenic thermoplastic elastomer an ethylene vinyl acetate elastomer a polyolefin elastomer with a second elastomeric polymer including a polyolefin elastomer a diene elastomer or combination thereof with the proviso that the first elastomeric polymer and the second elastomeric polymer are different. In an embodiment a method of making a material includes providing the first elastomeric polymer providing the second elastomeric polymer blending the first elastomeric polymer and the second elastomeric polymer extruding or injection molding the blend and crosslinking the blend with radiation.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1452/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : TECHNIQUE FOR VIDEO QUALITY ESTIMATION•

(51) International classification	:H04N 17/00
(31) Priority Document No	:61/293,764
(32) Priority Date	:11/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/000588
Filing Date	:01/02/2010
(87) International Publication No	:WO/2011/082719
(61) 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)
Address of Applicant :SE-164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)PETTERSSON Martin
2)ROSSHOLM Andreas

(57) Abstract :

An objective video quality estimation technique is disclosed. The technique may be based on a video bitstream model, using parameters taken from the video coding layer of the bitstream for estimating the quality of the video. The technique can be implemented as a method, a computer program, a computer program product, a device, or any one of a server node, a client terminal and a network node comprising the device. As a method embodiment, the technique comprises receiving a video bitstream comprising a series of picture frames; determining an error occurrence in a picture frame of the video bitstream; determining at least one of a temporal propagation and a spatial propagation of the error; and estimating the quality of the video bitstream based on result of the determination.

No. of Pages : 40 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1454/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD OF SECURING OF BLADES IN BLADE RING WITH SECURING WIRE

(51) International classification	:F01D 5/30
(31) Priority Document No	:CZ - PV 2012-234
(32) Priority Date	:04/04/2012
(33) Name of priority country	:Czech Republic
(86) International Application No	:PCT/IB2012/051645
Filing Date	:04/04/2012
(87) International Publication No	:WO/2013/150336
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Vlastimil Sedlacek

Address of Applicant :5.kvetna 2940 440 01 Louny Czech Republic

(72)Name of Inventor :

1)Vlastimil Sedlacek

(57) Abstract :

A method of securing a blade in a blade ring comprising the following: When a blade is made a groove is milled in the blade body corresponding to the diameter of the circular profile of the securing wire then a groove is turned in the blade ring with the diameter corresponding to the securing wire diameter then starting openings are drilled and blade profiles are cut in the blade ring then the blades with the milled grooves are inserted in the ring and finally the securing wire is placed in position resulting from winding a bar with circular profile into the circle shape.

No. of Pages : 8 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1530/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MULTI-SPECTRUM PHOTSENSITIVE DEVICE

(51) International classification :H01L 27/146

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2010/073440
Filing Date :01/06/2010

(87) International Publication No :WO/2011/150551

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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Nanshan District Shenzhen Guangdong 518067 China

(72)Name of Inventor :

1)HU Xiaoping

(57) Abstract :

A multi-spectrum photosensitive device comprises two three or four composite sensing pixels arranged in layers up and down in a base layer of P-type or N-type silicon by means of single-sided processing or double-sided processing each composite sensing pixels can sense respectively spectrum orthogonal or complementary to each other in visible light or visible and infrared light. The basic sensing pixels on different layers of the composite sensing pixels can be designed to sense different colors or spectrums so that a multi-spectrum photosensitive chip can be achieved by repeatedly arranging the macro units consisting of more than one composite sensing pixel. The present disclosure also includes a new multi-layer sensing pixel and examples of which used in a single-sided double-layer or a double-sided double-layer or a double-sided three-layer or a double-sided four-layer or a single-sided mixed double-layer or a double-sided mixed with double-layer or a multi-layer multi-spectrum sensing device.

No. of Pages : 51 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1736/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SUPER-TURBOCHARGER HAVING A HIGH SPEED TRACTION DRIVE AND A CONTINUOUSLY VARIABLE TRANSMISSION

(51) International classification	:F02B 33/44
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2010/023398
Filing Date	:05/02/2010
(87) International Publication No	:WO/2011/096936
(61) Patent of Addition 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)VANDYNE Ed

2)BRINKS Barry T.

3)RILEY Michael B.

4)BROWN Jared William

(57) Abstract :

A super-turbocharger utilizing a high speed fixed ratio traction drive that is coupled to a continuously variable transmission to allow for high speed operation is provided. A high speed traction drive is utilized to provide speed reduction from the high speed turbine shaft. A second traction drive provides infinitely variable speed ratios through a continuously variable transmission. Gas recirculation in a super-turbocharger is also disclosed.

No. of Pages : 100 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1738/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHODS AND APPARATUSES FOR BEACON TRANSMISSION•

(51) International classification :H04B 1/69
(31) Priority Document No :61/300,870
(32) Priority Date :03/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023652
Filing Date :03/02/2011
(87) International Publication No :WO/2011/097416
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America
(72)Name of Inventor :
1)TAGHAVI NASRABADI Mohammad Hossein
2)JAIN Avinash
3)SAMPATH Hemanth
4)ABRAHAM Santosh Paul

(57) Abstract :

Various methods and apparatuses for beacon transmission in an ad-hoc peer-to-peer network are disclosed. In one aspect an apparatus for communication is disclosed the apparatus comprising a processing system configured to sense a channel during a first period comprising at least a first portion of a beacon transmission period and select based on the sensing a second period comprising at least a second portion of a beacon transmission period; and a transmitter configured to transmit one or more beacons during the second period.

No. of Pages : 53 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1739/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ANTENNA SELECTION IN A MIMO SYSTEM•

(51) International classification	:H04B 7/06
(31) Priority Document No	:60/710,408
(32) Priority Date	:22/08/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/032900
Filing Date	:22/08/2006
(87) International Publication No	:WO/2007/024935
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:486/MUMNP/2008
Filed on	:13/03/2008

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
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(72)Name of Inventor :
1)KADOUS Tamer
2)KHANDEKAR Aamod
3)GORE Dhananjay Ashok
4)GOROKHOV Alexei

(57) Abstract :

Transmission schemes that can flexibly achieve the desired spatial multiplexing order spatial diversity order and channel estimation overhead order are described. For data transmission the assigned subcarriers and spatial multiplexing order (M) for a receiver are determined where $M = 1$. For each assigned subcarrier M virtual antennas are selected from among V virtual antennas formed with V columns of an orthonormal matrix where $V = M$. V may be selected to achieve the desired spatial diversity order and channel estimation overhead order. Output symbols are mapped to the M virtual antennas selected for each assigned subcarrier by applying the orthonormal.....

No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3143/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : AN INTEGRATED, SECURED,PORTABL,DIGITAL,RESOURCE CONSERVING SYSTEM TO SEAMLESSLY TRANSFORM A GIVEN INPUT MULTIMEDIA GINAL INTO A THREE DIMENSIONAL, MULTIMEDIA OUTPUT SIGNAL CAPABLE OF VIEWING ON MULTIPLE DISPLAYS DEVICES

(51) International classification	:H04N7/173, H04N5/445	(71) Name of Applicant : 1)VALUABLE INNOVAIONS PRIVATE LIMITED Address of Applicant :602, CENTRE POINT, J.B. NAGAR, ANDHERI KURLA ROAD, ANDHERI (E), MUMBAI 400 059, . Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SANJAY GAIKWAD
(33) Name of priority country	:NA	2)AMEYA HETE
(86) International Application No	:NA	3)RAVINDRA ATHARE
Filing Date	:NA	4)SELVAKUMAR JAWAHAR
(87) 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 involving a software embedded in proprietary hardware solution comprising of a converter box which has a matrix of available multiple input images formats, metadata of input image, makes used of smart transformation engine and seamlessly converts it into a three dimensional output which can be easily play back or viewed by the viewer without blending of fields of loss of quality.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1442/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD OF MONITORING A CENTRAL PROCESSING UNIT IN REAL TIME•

(51) International classification :G06F 1/32
(31) Priority Document No :61/294,006
(32) Priority Date :11/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020701
Filing Date :10/01/2011
(87) International Publication No :WO/2011/085323
(61) 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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(72)Name of Inventor :

1)THOMSON Steven S.

2)IRANLI Ali

3)DROP Michael J.

4)CUPPU Vinodh R.

5)CHUN Christopher Kong Yee

6)XUE Tao

7)LO Haw-Jing

8)KHAN Moinul H.

(57) Abstract :

A method of monitoring one or more central processing units in real time is disclosed. The method may include monitoring state data associated with the one or more CPUs in real-time, filtering the state data, and at least partially based on filtered state data, selectively altering one or more system settings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1521/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : NOVEL PYRIMIDINE COMPOUNDS AS MTOR AND PI3K INHIBITORS

(51) International classification :C07D 413/00, C07D 401/00
(31) Priority Document No :61/290,437 (US)
(32) Priority Date :28/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/003347
Filing Date :27/12/2010
(87) International Publication No :WO/2011/080568
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)DEVELOPMENT CENTER FOR BIOTECHNOLOGY

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2)DCB-USA LLC

(72)Name of Inventor :

1)Mann-Yan Kuo

2)Ying-Shuan Lee

3)Paonien Chen

4)Li Jung Chen

5)Yann Yu Lu

6)Yi-Ting Huang

7)Hung-Yi Hsu

8)Ping-Kuei Tsai

(57) Abstract :

The present invention relates to pyrimidine compounds of formula (I): which are useful in treating mTOR kinase- or PI3K kinase-related diseases.

No. of Pages : 284 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1735/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A MODULAR PACKING SYSTEM

(51) International classification	:B65D 71/00
(31) Priority Document No	:MN2009A000027
(32) Priority Date	:30/12/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IT2010/000513
Filing Date	:24/12/2010
(87) International Publication No	:WO/2011/080788
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZACCHI Luca

Address of Applicant :Frazione Gravona 4 I-28039 Varzo
(Verbania) Italy

(72)Name of Inventor :

1)ZACCHI Luca

(57) Abstract :

A modular packing system comprising a pallet (2) exhibiting a continuous and unperforated support surface (20) affording a plurality of seating features (21) distributed over the support surface a plurality of containers (3) of base measurements as submultiples of the pallet dimensions and constant height such as to form even layers of uniform height and an uppermost cover element (7) for positioning on top of a final layer of containers and equipped with a first pair of belts (71) engageable to corresponding belt portions which in turn engage with a second pair of belts associated to the pallet.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1516/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : COMMUNICATION PERFORMANCE GUIDANCE IN A USER TERMINAL•

(51) International classification :H04M 1/24

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/SE2010/050203
Filing Date :23/02/2010

(87) International Publication No :WO/2011/105936

(61) 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)

Address of Applicant :SE-164 83 Stockholm Sweden

(72)Name of Inventor :

1)J-NSSON Tomas

2)LARSSON Kjell

3)-KVIST Peter

(57) Abstract :

A user terminal (100, 200, 300, 400), a UE, for a wireless communications system. The UE comprises an antenna unit (130) and a receiver unit (125) for receiving signals on a radio channel within the system. The UE also comprises a sensor (115) for sensing the position of the UE and for generating an output signal indicative of said position. The UE further comprises an evaluation unit (120) which is arranged to measure the UEs communication performance over the channel and to also receive the output signal from the sensor and to generate a first control signal (S1) which indicates if altering the position of at least part of the UE, and thereby the position of the UEs antenna unit (130), will result in an increased communication performance over the channel for the UE.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1518/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SUBSTRATE PATTERNING

(51) International classification	:A61N 5/06
(31) Priority Document No	:0920986.7
(32) Priority Date	:01/12/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/052014
Filing Date	:02/12/2010
(87) International Publication No	:WO/2011/067603
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AMBICARE HEALTH LIMITED
Address of Applicant :KINBURN CASTLE, ST ANDREWS
FIFE KY16 9DR UNITED KINGDOM.
(72)**Name of Inventor :**
1)MCNEILL, ANDREW

(57) Abstract :

There is herein described light emitting apparatus. More particularly, there is herein described light emitting apparatus capable of adapting and/or conforming to a non-planar surface on a patients body.

No. of Pages : 32 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2783/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/10/2010

(43) Publication Date : 25/10/2013

(54) Title of the invention : BIOMETRIC FACILITATED ACCESS AND ACCOUNTING OF DIGITAL MULTIMEDIA CONTENT MANAGEMENT, DELIVERED BY SET TOP BOX

(51) International classification	:H04N 17/00, H04N 7/173, H04L 12/26	(71) Name of Applicant : 1)VALUABLE INNOVATIONS PRIVATE LIMITED Address of Applicant :602,, CENTRE POINT, J.B. NAGAR, ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400 059. Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SANJAY GAIKWAD
(33) Name of priority country	:NA	2)AMEYA HETE
(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 Biometric facilitated access and accounting of digital multimedia content management, delivered by set top box constituted by a setup box having provision for a smart card / swipe card and having means of access to fingerprint reader and recordal of data and contents thereby authenticating an user before access to contents of a provider.

No. of Pages : 5 No. of Claims : 7

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING MULTIMEDIA STREAM FOR ADJUSTING DEPTH OF 3-DIMENSIONAL ADDITIONAL VIDEO REPRODUCTION INFORMATION AND METHOD AND APPARATUS FOR RECEIVING MULTIMEDIA STREAM FOR ADJUSTING DEPTH OF 3-DIMENSIONAL ADDITIONAL VIDEO REPRODUCTION INFORMATION*

(51) International classification	:H04N 7/24	(71)Name of Applicant :
(31) Priority Document No	:61/260,893	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:13/11/2009	Address of Applicant :416 Maetan-dong Yeongtong-gu
(33) Name of priority country	:U.S.A.	Suwon-si Gyeonggi-do 442-742 Republic of Korea
(86) International Application No	:PCT/KR2010/008067	(72)Name of Inventor :
Filing Date	:15/11/2010	1)KIM Yong-Tae
(87) International Publication No	:WO/2011/059290	2)JUNG Kil-Soo
(61) Patent of Addition to Application	:NA	3)LEE Dae-Jong
Number	:NA	4)CHO Bong-Je
Filing Date	:NA	5)KIM Jae-Seung
(62) Divisional to Application Number	:NA	6)PARK Hong-Seok
Filing Date	:NA	

(57) Abstract :

A multimedia stream generating method for 3-dimensional (3D) reproduction of additional reproduction information is provided. The method includes generating a video elementary stream (ES), an audio ES, an additional data stream, and an ancillary information stream that respectively comprise video data, audio data related to the video data, data of additional reproduction information which is to be reproduced together with the video data on a display screen, and additional reproduction information depth information used for 3D reproduction of the additional reproduction information, the video data including at least one of a 2D video image and a 3D video image.

No. of Pages : 150 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1585/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : HOT ROLLED STEEL SHEET&NBSP; COLD ROLLED STEEL SHEET&NBSP; AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C 38/00
(31) Priority Document No	:2009-293918
(32) Priority Date	:25/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/007407
Filing Date	:21/12/2010
(87) International Publication No	:WO/2011/077708
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-ku Tokyo 1000011 Japan.

(72)Name of Inventor :

1)YASUHARA Eiko

2)TATENO Bungo

3)KAWAI Takamasa

4)TATENO Jyunichi

5)YAMADA Makoto

(57) Abstract :

Disclosed are: a hot-rolled steel sheet; a cold-rolled steel sheet which has a thickness of 0.2 mm or less and does not undergo edge cracking; and process for producing the steel sheets. The hot-rolled steel sheet comprises, in mass%, 0.001 to 0.10% of C, 0.005 to 0.80% of Si, 0.01 to 2.0% of Mn, 0.001 to 0.40% of P, 0.10% or less of S, 0.001 to 0.10% of Al and 0.020% or less of N, with the remainder being Fe and unavoidable impurities, wherein the main phase structure comprises ferrite, the ferrite has an average crystal particle diameter of 10 to 25 μm , and each of the crystal particles of the ferrite has an aspect ratio (N_x/N_y) of 0.70 to 1.00. The cold-rolled steel sheet is produced by the cold-rolling of the hot-rolled steel sheet and has a thickness of 0.2 mm or less.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1421/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : BIOLOGICAL LASER PLASMA X-RAY POINT SOURCE

(51) International classification :H05G 2/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IN2009/000632
Filing Date :09/11/2009

(87) International Publication No :WO 2011/055376

(61) 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 INSTITUTE OF FUNDAMENTAL RESEARCH

Address of Applicant :HOMI BHABHA ROAD, COLABA,
MUMBAI-400 005, MAHARASHTRA, INDIA

(72)Name of Inventor :

1)MANCHIKANTI, KRISHNAMURTHY

2)RAY, KRISHANU

3)GATTAMARAJU, RAVINDRA KUMAR

(57) Abstract :

The invention provides targets coated with structured biological materials, which are employed in laser produced plasma systems. The biological materials selected from cells of microbial, protozoan or plankton origin are applied on a portion of a solid target, like polished glass plate which then form a target system that absorbs the intense laser pulses, generates hot dense plasma and results in the emission of the X-rays. The method of coating structured biomaterial decreases the usable laser intensity required for producing the hot plasma, while increasing the X-ray yield. The coatings are easy to prepare and it is possible to vary the nature and shape of the cellular material in order to control/regulate the interaction with the light and thereby optimize the resultant plasma generation and X-ray emission. The increase in temperature of the plasma and the increase in yield demonstrate that the method is suitable for enhancing the emission yield in the Ultra Violet, Extreme Ultra violet, x-ray and the hard x-ray regimes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1752/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : AMINOPYRIDINE COMPOUND

(51) International classification :C07D 213/74
(31) Priority Document No :2009-294744
(32) Priority Date :25/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073274
Filing Date :24/12/2010
(87) International Publication No :WO/2011/078303
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)UBE INDUSTRIES LTD.

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1)Ryo IWAMURA

2)Masayuki TANAKA

3)Tetsushi KATSUBE

4)Nobuhiko SHIBAKAWA

5)Manabu SHIGETOMI

6)Eiji OKANARI

7)Tomoko KANDA

8)Yasunori TOKUNAGA

9)Hiroshi FUJIWARA

(57) Abstract :

The present invention relates to a compound represented by the formula (I): or a pharmaceutically acceptable salt thereof a medical composition containing the same and a medical composition for the treatment or prophylaxis of respiratory diseases or glaucoma.

No. of Pages : 289 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1536/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MOBILE DEVICE-BASED CARDLESS FINANCIAL TRANSACTIONS

(51) International classification	:G06Q 20/00	(71)Name of Applicant : 1)INFORYS LIMITED
(31) Priority Document No	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(32) Priority Date	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ALOK SINGH
(87) 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 technologies disclosed herein use mobile computing devices, such as smartphones, to facilitate purchases without the use of a credit or debit card (i.e., cardless purchases). A cardless purchase can be initiated by a user using their mobile device to connect with a merchants acquiring bank (acquirer), the acquirer collecting a mobile device identifier (e.g., phone number), an issuer code, a merchant code, account security information (e.g., a card security code and an access code), and the acquirer sending a request to the users issuing bank to authorize the purchase. The acquirer uses the information received from the mobile device to assemble an account number, typically 15 or 16 digits long, so as to leverage existing acquirer, issuer and credit card network infrastructure. Upon receiving a response from the issuer bank, the user and merchant are notified (via SMS, email or other method) whether the transaction has been authorized.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1537/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR ESTIMATING COST OF SYSTEM TESTING REQUEST BASED ON TABLE UNIT

(51) International classification

:G06F17/00

(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)INFOSYS LIMITED

Address of Applicant :IP CELL, PLOT NO.44,
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Karnataka India

(72)Name of Inventor :

1)RAVI AGARWAL

2)NEETU KUMAR

3)VISHWADEEP SINGH

4)CHANDANA OAK

(57) Abstract :

The invention relates to a system and method for estimating a cost for one or more system testing request in a data warehouse environment for a client based on a single table unit. This invention uses the past data of the client requests to derive the single table unit. It classifies the tables impacted in the past client requests into simple, medium and complex. It also derives simple table ratio, medium table ratio and complex table ratio. Thereafter, the tables of different complexities are converted into single table unit based on the simple table ratio, medium table ratio and complex table ratio. Finally, the cost is estimated in terms of single table unit based on the past data.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1612/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A DEVICE AND METHOD TO OPERATE A NAVIGATION SYSTEM

(51) International classification	:G01C21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KESHAV GUMASTE
(62) Divisional to Application Number	:NA	2)AVINASH PATIL
Filing Date	:NA	

(57) Abstract :

A device and method to operate a navigation system in a vehicle is disclosed. The navigation system (100) in a vehicle having a wireless communication device (40), said system (100) comprising a determining means (15) to determine vicinity of a fuel station, an indicating means (10) to indicate opening or closing of a fuel lid (36) of a fuel tank (32) of the vehicle in said vicinity of the fuel station and a disabling means (20) to disable wireless communication device (40) in said navigation system (100) when said opening indication is received in said vicinity of the fuel station.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3752/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : MOSQUITO COIL HOLDING AND SUPPORTING STAND WITH ASH COLLECTING DISH

(51) International classification

:A24F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)M. SIVASUBRAMANIAN

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NAGAR, KRISHNANKOIL, SRIVILLIPUTHUR - 626 190
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2)P. RAJESH KANNA

3)A. SAKTHI SHUNMUGA SUNDARAM

4)S. SAM GODWIN SATHYARAJ

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1)M. SIVASUBRAMANIAN

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3)A. SAKTHI SHUNMUGA SUNDARAM

4)S. SAM GODWIN SATHYARAJ

5)S. RAJAKARUNAKARAN

(57) Abstract :

This is unique from all other mosquito coil stand which is conventionally available in India. The knife edge projection holds the coil. It has a dish attached to collect the ash deposits, we can pour water in the dish so that the ash formed do not fly and settles down inside the dish itself, later it can be cleaned and reused. In addition to this, strings are held in cross through the knife edge to support the coil. This Mosquito Coil Holding and Supporting Stand with ash collecting dish can be used hold coils of various shapes and sizes.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4534/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : FUEL CONSUMPTION MEASUREMENT MECHANISM FOR MOTORIZED VEHICLE

(51) International classification	:B62M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES• NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMESH VAIDEESWARAN
(61) Patent of Addition to Application Number	:NA	2)RENGARAJAN BABU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel system with a fuel consumption measurement mechanism for a motorized vehicle is disclosed. In this mechanism fuel flows from the fuel tank to the carburettor passing through the fuel vault and the fuel reservoir such that the fuel reservoir is filled with a predefined volume which can be used under no fuel flow condition of the vehicle and hence accurate fuel consumption rate can be measured. Said fuel system includes a fuel tank, a fuel vault connected to the fuel storage tank through a fuel flow control valve connected to the fuel tank through one fuel channel. It further includes a fuel reservoir connected to the fuel vault through another fuel channel and a carburettor which is connected to the fuel reservoir through a third fuel flow channel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1560/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PREVENTING ANIMAL DISTURBANCE

(51) International classification	:G08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)J. PADMA KUMAR
(32) Priority Date	:NA	Address of Applicant :KALAIMAGAL STREET,
(33) Name of priority country	:NA	NAGERCOIL, KANYAKUMARI DISTRICT Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)J. PADMA KUMAR
(87) 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 :

Intrusion of animals like elephant causes great loss to the farmers. Using my device we can get a solution for this problem. I designed a pair of infrared beam detector to detect the sudden entry of elephant which is designed only for specific animal elephant to avoid other disturbance. When the entry of animal is detected, the devise switch on the audio device through a main control board which creates artificial bomb blasting sound. On hearing this sound elephant will ran back and dont disturb the field. By the mean time the information of sudden entry of elephant will informed to the local security guards and forest officers as voice message and SMS through a GSM auto dialer which is also automatically switch on by the main control board. Using this information they can take further steps to avoid the intrusion of animals. It covers large area by installing detectors one by one with a distance of 50m between each infrared transmitter and receiver which acts as a fence. The devise get electricity from a rechargeable battery which is charged by solar energy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4976/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM FOR PROTECTION OF SOFT TISSUES AGAINST A TEETH WHITENING SUBSTANCE

(51) International classification :A46B15/00
(31) Priority Document No :61/289638
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055555
Filing Date :02/12/2010
(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

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(72)Name of Inventor :
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2)YOUNG Nigel David
3)PATEL Jay
4)BERNARD-FICHET Estelle Julie Dorothee
5)FAIRLEY Peter Douglas

(57) Abstract :

The appliance includes a brushhead having conductive fiber bristles by which a potential is applied to electrochemically activate a teeth whitening substance, such as peroxide, in the vicinity of the teeth. An impedance appliance system (62) or an optical appliance system (27) provides information concerning whether the conductive fiber bristles are adjacent a tooth surface or gum region. The impedance system uses an electrical signal through the fiber to determine the impedance of a circuit which includes the tooth or gum surface, the impedance being different, depending on whether a tooth or gum surface is in the circuit. The optical system generates a light beam which is directed to the mouth surface through a conductive fiber, the color of the returning light indicating whether the surface is a tooth or gum region. If a tooth is determined, the teeth whitening substance is activated at that bristle, while if gum tissue is determined, the teeth whitening substance is not activated at that bristle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4977/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A MECHANICAL DRIVE TRAIN WITH A MOTOR AND AN ECCENTRIC FOR A RESONANT POWER TOOTHBRUSH

(51) International classification	:A61C17/32
(31) Priority Document No	:61/289489
(32) Priority Date	:23/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055344
Filing Date	:22/11/2010
(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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Address of Applicant :GROENEWOUDSEWEG 1
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(72)**Name of Inventor :**
1)KLOSTER Tyler G.

(57) Abstract :

The toothbrush includes a drive assembly comprising a DC motor (12) driven by a battery (15) with a rotating drive shaft (16) extending from one end of the DC motor, on which is mounted an eccentric member (20) which rotates with the drive shaft. A spring assembly (24) includes a hub member (26) at a proximal end, a mount member (28) at a distal end and a V-spring member (41) mounted to and extending therebetween. The DC motor is fixed to a rear surface of the hub member, the motor and the hub member being free to move in unison in operation of the toothbrush. The mount member is fixed in position in the toothbrush. A brushhead shaft (38) is mounted to and extends between the hub member and the mount member and extends distally from the mount member. The brushhead shaft member is offset laterally from the axis of rotation of the motor drive shaft. A brushhead assembly (42), including a set of bristles (44), is removably mounted on the brushhead shaft.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4978/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : TOOTHBRUSH WITH AUTOMATIC ACTUATION

(51) International classification	:A61C17/22
(31) Priority Document No	:61/289652
(32) Priority Date	:23/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055349
Filing Date	:22/11/2010
(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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Address of Applicant :GROENEWOUDSEWEG 1
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(72)**Name of Inventor :**
1)HALL Scott E.

(57) Abstract :

The power toothbrush includes a handle (12) and a brushhead (18) having a conductive electrode sensing element (25) therein. The toothbrush includes a driver assembly (14) for the brushhead and a sensor system (28) for measuring the capacitance between the sensing element on/in the brushhead and an electronics ground (27) in the handle of the toothbrush. A microprocessor/controller (26) is programmed to determine whether the measured capacitance is above a threshold value which indicates that the toothbrush is near or within the mouth of the user. The microprocessor actuates the driver assembly for operation of the toothbrush when the capacitance value is above the threshold value.

No. of Pages : 12 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1541/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : TEXT EDITOR WITH DATABASE INTERFACE

(51) International classification :G06F17/00

(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 :3189/CHE/2011

Filed on :01/01/1900

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)OMPRAKASH N SRINGERI

2)SADANAND RUDRAIAH

3)SHASHIDHARA P ITHAL

(57) Abstract :

Editors are generally used because of its extensive features that allow the users to modify and update text document as per their needs. Existing text editors provide just the ability to edit, manipulate text information but they do not provide the ability to connect to the database on fly and upload the text data to the database. A text editor is proposed that enables user to open text document and upload selected content to the database. It also enables the user to view the database metadata for creating a workspace in which the contents are being uploaded.

No. of Pages : 21 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1542/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF THE CORE STRUCTURE IN QUINOLONE AND NAPHTHYRIDONE CLASS OF ANTIBIOTICS

(51) International classification	:C07D 471/00	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS Address of Applicant :IIT P.O, CHENNAI 600 036 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MURALEEDHARAN KANNOTH MANHERI
Filing Date	:NA	2)JOHN VICTOR NAPOLEON
(87) 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 :

This invention relates to quinolone- and naphthyridone derivatives represented by the general formula VII, and a process for their preparation using Baylis-Hillman adducts from substituted aromatic or hetero-aromatic aldehydes and amines of interest as the starting materials. After the tandem Aza-Michael addition and S_NAr cyclization, the resulting 4-hydroxy-1,2,3,4-tetrahydroquinoline or 4-hydroxy-1,2,3,4-tetrahydro-1,8-naphthyridine derivative was subjected to oxidation to get the quinolone or naphthyridone skeleton in one step in good to excellent yields.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4973/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : COMPOSITION FOR RAPID TREATMENT OF OTITIS EXTERNA

(51) International classification :A61K36/752

(31) Priority Document No :61/260,309

(32) Priority Date :11/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/056255

Filing Date :10/11/2010

(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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NETHERLANDS

(72)Name of Inventor :

1)CAMPBELL William R.

2)PAULSEN Neil E.

3)JOHNSON Roland H.

4)HEPLER DOUGLAS I.

(57) Abstract :

Methods for treating and preventing otitis externa with a course of treatment consisting of as little as a single dose are provided. The methods are practiced by topical administration of compositions having a lipid carrier such as liposomes and non-vesicular lipids to the outer ear canal. Such compositions lack viscosity-enhancing celluloses or adhesives and are preferably not in the form of a gel. Active agents useful for treating pain inflammation fungal or parasitic infestation and/or infections in the outer ear are co-administered in or with the composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4974/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING ACCESS TO SOCIAL CONTENT

(51) International classification :G06F3/048

(31) Priority Document No :12/627,332

(32) Priority Date :30/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/055485

Filing Date :29/11/2010

(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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Finland

(72)Name of Inventor :

1)Terho Kaikuranta

2)Bror Svarfvar

(57) Abstract :

An apparatus for providing access to social content may include at least one processor and at least one memory including computer program code. The at least one memory and the computer program code may be configured to, with the at least one processor, cause the apparatus to perform at least receiving information providing corresponding identities of a plurality of members of a group, receiving an indication of group content including at least one content item stored in association with the group, and enabling access to the group content by the members based on presence information related to the members indicating that a presence threshold associated with the group content is met. A corresponding method and computer program product are also provided.

No. of Pages : 33 No. of Claims : 13

(54) Title of the invention : MAPPING PATIENT DATA INTO A MEDICAL GUIDELINE

(51) International classification :G06F19/00

(31) Priority Document No :61/288879

(32) Priority Date :22/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/055946

Filing Date :20/12/2010

(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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(57) Abstract :

The invention relates to a system (100) for mapping a patient data structure (PD) for describing a patientTMs case into a guideline data structure (GD) for describing a medical guideline, the system comprising storage (170) for storing: - a plurality of data items (DI1; DI2; ...; DI99); - the patient data structure (PD) comprising data items (DI1; DI3; DI5; DI27; DI47, DI67, DI74) of the plurality of data items (DI1; DI2; ...; DI99); - the guideline data structure (GD) comprising a guideline graph (GG), wherein the guideline graph (GG) is a directed graph, the guideline graph (GG) comprising action nodes (AN1; AN2), wherein each action node (AN1; AN2) is associated with an action; the system further comprising a linker (110) for linking data items (DI1; DI3; DI5; DI27; DI47, DI67, DI74) comprised in the patient data structure (PD) to action nodes (AN1; AN2) of the guideline graph (GG), based on a relation between said data items and actions associated with said action nodes (AN1; AN2), thereby mapping the patient data structure (PD) into the guideline data structure (GD). By decoupling the data input functionality and the medical guideline functionality, the use of the medical guideline of the invention imposes fewer constraints on the quality and completeness of the available patient data. Advantageously, mapping the patient data structure into the guideline graph of the guideline data structure provides an easy way of implementing and visualizing a personalized medical guideline which coincides with the general guideline requirements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3918/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 25/10/2013

(54) Title of the invention : SAW MILL BANDSAW MACHINE TROLLEY PULLING

(51) International classification

:B23D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(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)MADHAVALAL LALJI

(57) Abstract :

A system for automating pulling of platform unit in a band saw machine is disclosed. A plurality of saw blade holder arms is controlled individually by a small gear box motor. The gear box motor is fitted to adjustable iron angle platform rails and mounted on a horizontal C channel of the band saw machine. A panel board is fixed on the left side bed of the band saw machine to provide control to all functions of the band saw machine. A movement control unit which comprises four main parts such as variable speed drives fitted in lower portion to control RPM of motor wherein front side of variable speed drives is connected to first pulley on front side of the shaft by means of ribbed belt, a second pulley on front side of shaft which is connected to the gear box by means of ribbed belt, a reduction gear to reduce load to the drive, which makes the gear box to rotate, a shoe brake to stop the rotation of running motors when power input is stopped, a one way bearing that rotates freely in one direction and locked in another direction. A support pulley is fixed at straight opposite end to movement control unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5010/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : GAS COOLER•

(51) International classification	:F28D7/02
(31) Priority Document No	:2003917
(32) Priority Date	:07/12/2009
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2010/050819
Filing Date	:03/12/2010
(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

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The NETHERLANDS

(72)Name of Inventor :

1)VAN DER MEIJDEN Christiaan Martinus

2)BATENBURG Ronald

(57) Abstract :

Gas cooler (1) provided with a gas inlet (8) a gas outlet (9) an outer wall (3) fitted between the gas inlet (8) and the gas outlet (9) which connects the gas inlet (8) and gas outlet (9) to one another in a gas-tight manner a cooling device (7) which is connected to the outer wall (3) wherein the outer wall (3) has a frustoconical shape wherein the gas inlet (8) is situated on the base side of the cone and the gas outlet (9) is situated on the top side of the cone and wherein an inner wall (2) is provided at a distance from the outer wall (3) wherein the inner wall has a frustoconical shape.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5011/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MAGNESIUM ALLOY STRUCTURAL MEMBER

(51) International classification :C22C23/02
(31) Priority Document No :2009-282081
(32) Priority Date :11/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071848
Filing Date :06/12/2010
(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

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2)OKUDA Nobuyuki
3)MORI Koji
4)YAMAKAWA Masahiro
5)NISHIZAWA Masayuki
6)SUGIHARA Takayasu

(57) Abstract :

A magnesium alloy structural member having excellent corrosion resistance is provided. The magnesium alloy structural member includes a magnesium alloy substrate that contains more than 7.5% by mass of Al and an anticorrosive layer formed on a surface of the substrate by chemical conversion treatment. The substrate contains a precipitate, typically, particles dispersed therein. The particles are made of an intermetallic compound containing at least one of Al and Mg and have an average particle size of 0.05 μm or more and 1 μm or less. The total area of the particles accounts for 1% by area or more and 20% by area or less. The anticorrosive layer includes a lower sublayer and a surface sublayer on the substrate in this order. The surface sublayer is denser than the lower sublayer. The substrate of the magnesium alloy structural member has high corrosion resistance because of a high Al content. The magnesium alloy structural member has excellent corrosion resistance because of the dense sublayer on the front side of the anticorrosive layer, which prevents a corrosive liquid from reaching the substrate. The porous lower sublayer can reduce the tendency of the anticorrosive layer to detach from the substrate, for example, upon impact and allows the magnesium alloy structural member to retain high corrosion resistance.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5012/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MAGNESIUM ALLOY MATERIAL

(51) International classification :C22C23/02
(31) Priority Document No :2009-282081
(32) Priority Date :11/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071849
Filing Date :06/12/2010
(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

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3)MORI Koji
4)YAMAKAWA Masahiro
5)NISHIZAWA Masayuki
6)SUGIHARA Takayasu
7)INOKUCHI Kohji
8)KAWABE Nozomu

(57) Abstract :

A magnesium alloy material having excellent impact resistance is provided. The magnesium alloy material is composed of a magnesium alloy that contains more than 7.5% by mass of Al and has a Charpy impact value of 30 J/cm² or more. Typically, the magnesium alloy material has an elongation of 10% or more at a tension speed of 10 m/s in a high-speed tensile test. The magnesium alloy is composed of a precipitate, typically made of an intermetallic compound containing at least one of Al and Mg, and contains particles having an average particle size of 0.05 µm or more and 1 µm or less dispersed therein. The total area of the particles accounts for 1% by area or more and 20% by area or less. The magnesium alloy material containing fine precipitate particles dispersed therein has high impact absorption capacity through dispersion strengthening and has excellent impact resistance.

No. of Pages : 42 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1568/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A METHOD FOR AUTOMATIC TRACK INITIATION USING DERIVED KINEMATICS FOR TRACK WHILE SCAN RADAR

(51) International classification	:G01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S BHARAT ELECTRONICS LIMITED
(32) Priority Date	:NA	Address of Applicant :NAGAVARA, OUTER RING ROAD,
(33) Name of priority country	:NA	BANGALORE - 560 045 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIJI PAUL PANAKKAL
(87) International Publication No	: NA	2)JETTY VENKATA NAGABHUSHANAM
(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 an automatic track initiation technique for air targets incorporated in track while scan surveillance radar. This invention claims the design of unique technique whose complexity does not increase exponentially with measurement frames used. Unlike previous disclosures discussed in prior art, this invention does not use the measurements directly to form the tracks, but uses its derived kinematic parameters. The disclosed invention is useful for two dimensional surveillance radar tracking having measurements as range and bearing with inbuilt sensor measurement inaccuracies; in cluttered multi-target environment with low probability of detection. The features unique to the present invention include linear computational complexity with number of measurements used irrespective of measurement frames and redundant free computational scheme for efficient execution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5021/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : EXERCISE BARBELL

(51) International classification	:A63B21/072
(31) Priority Document No	:CN201020692942.8
(32) Priority Date	:22/12/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/073496
Filing Date	:29/04/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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(57) Abstract :

The invention discloses a exercise barbell comprising a holding rod and a gravity body the gravity body is a ring-shaped gravity fitness ring a handle arranged in the diameter direction of the ring-shaped gravity fitness ring is arranged in the ring-shaped gravity fitness ring the holding rod is fastened detachably with the ring-shaped gravity fitness ring through a connecting mechanism composed of a fixing seat and a fastening lock and the ring-shaped gravity fitness ring is limited between the fixing seat and the lock body of the fastening lock through the lock tongue of the fastening lock. The invention has the following advantages: through the adoption of the ring-shaped gravity fitness ring as the gravity body multiple purposes can be achieved and materials are saved; and due to the application of the fastening lock the gravity body is convenient to mount and detach and the fastening effect is better.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5022/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MAIN BEARING FOR A WIND TURBINE•

(51) International classification	:F03D11/00
(31) Priority Document No	:2003925
(32) Priority Date	:08/12/2009
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2010/050830
Filing Date	:08/12/2010
(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

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2)WAAIJENBERG Albertus
3)VAN DE POL Aart
4)PUBANZ Andr

(57) Abstract :

A wind turbine comprises a tower(8) a nacelle (3) being connected to the tower(8) and a rotor (2) having a rotor hub (6) and a number of rotor blades(7) extending radially outwards from the rotor hub(6). The nacelle (3) comprises a hollow shaft (10) and the rotor hub (6) comprises a support member(11)which is connected to the hollow shaft (10) by two tapered roller bearings (14 15) so as to be rotatable about an axis of rotation(5). The tapered roller bearings(14 15) each have a bearing width (w) which is defined in a direction parallel to the axis of rotation(5). The tapered roller bearings (14 15) are arranged at a distance (d) from one another which is not greater than the bearing width (w) of the tapered roller bearings(14 15).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5023/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING MEDIA CONTENT SEARCHING CAPABILITIES

(51) International classification :G06F17/30

(31) Priority Document No :12/631,569

(32) Priority Date :04/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/FI2010/050956

Filing Date :24/11/2010

(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

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Finland

(72)Name of Inventor :

1)Craig Pugsley

2)Jesmond Allen

3)Jonathan Davies

(57) Abstract :

A method including receiving a user selection of a first media content, determining a second media content based on characteristics of the first media content in relation to characteristics of the second media content, and determining a third media content based on the characteristics of the second media content in relation to characteristics of the third media content. The method further includes causing, at least in part, display of a first icon representing the second media content and a second icon representing the third media content.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5016/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : LOW DIFFERENTIAL TEMPERATURE ROTARY ENGINES•

(51) International classification	:F03G3/00
(31) Priority Document No	:61/261,362
(32) Priority Date	:15/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001793
Filing Date	:15/11/2010
(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

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(72)**Name of Inventor :**
1)GODWIN Harold Emerson

(57) Abstract :

An engine is configured to extract energy from a heat source as follows. A shaft is adapted to be rotatably coupled to a support and rotatable in a first direction. A plurality of vessels is coupled to and arranged about the shaft. At least a first vessel of the plurality of vessels includes a thermally insulative portion and a thermally conductive portion. A plurality of conduits connects the plurality of vessels together. Each of the plurality of vessels is in communication with at least one other of the plurality of vessels via at least one of the conduits. The plurality of vessels is arranged to allow the thermally conductive portion of the first vessel to encounter the heat source. The thermally conductive portion is capable of transferring heat to at least partially vaporize volatile fluid within the first vessel to cause a mass to at least partially move towards a connected vessel located above the first vessel. This produces a gravitational moment that encourages rotation of the shaft and the plurality of vessels in the first direction.

No. of Pages : 46 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5017/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PROCESS AND PRODUCT

(51) International classification	:A61K9/14
(31) Priority Document No	:0921481.8
(32) Priority Date	:08/12/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/052053
Filing Date	:08/12/2010
(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

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1)GREEN Matthew Michael James

2)POOLE Richard Michael

(57) Abstract :

A method of processing an active ingredient the method comprising submitting a pharmaceutically active ingredient in the absence of excipients and/or additives to compression and shearing forces. The invention also relates to compositions comprising an active prepared by the method

No. of Pages : 51 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5018/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD FOR PREVENTING THE CRYSTALLISATION OF PHARMACEUTICALS IN A POLYMER FILM

(51) International classification	:A61K31/381
(31) Priority Document No	:10 2009 052 972.1
(32) Priority Date	:12/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006535
Filing Date	:26/10/2010
(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

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Germany

(72)Name of Inventor :

1)LEONHARD Johannes Josef

2)MLLER Walter

(57) Abstract :

The invention relates to a method for preventing the crystallization of a pharmaceutical in a polymer film in which the solvent-containing coating material applied for producing the polymer film comprising a matrix-forming polymer or polymer mixture and at least one pharmaceutical is at times dried at temperatures which are at least 10 °C above the melting temperature of the pharmaceutical present in the coating material. The maximum temperature is thus higher than necessary for straight forward drying and saves an additional time-consuming and costly operating step.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5019/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A SLAT CONVEYOR AND A CARRYING ELEMENT FOR SUCH A CONVEYOR

(51) International classification :B65G17/00

(31) Priority Document No :0901548-8

(32) Priority Date :11/12/2009

(33) Name of priority country :Sweden

(86) International Application No :PCT/SE2010/051288

Filing Date :23/11/2010

(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

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(72)Name of Inventor :

1)HU Benson

2)FLORENTZSON Markus

3)ASPER Andreas

(57) Abstract :

A carrying segment (220) is provided. The carrying segment comprises a first surface for receiving objects a second surface and at least a third and a fourth surface and said second surface a first engaging member (222) arranged on said second surface and configured to be guided by a first guiding means (230) of a slat conveyor (20) and a second engaging member (224) arranged on said second surface on one side of the first engaging member (222) and configured to be guided by a first switch (240a) of said slat conveyor (20). Also a slat conveyor (20) is provided.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5020/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : TRANSDERMAL DELIVERY DEVICE

(51) International classification :A61M37/00

(31) Priority Document No :12/636,281

(32) Priority Date :11/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/055093

Filing Date :09/11/2010

(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)ROSS Russell F.

(57) Abstract :

The present invention relates generally to a transdermal delivery device which is suitable for the transdermal delivery or removal of substances and in particular relates to a transdermal delivery device having a support and a plurality of microneedles projecting outwardly from the support at least one microneedle including a channel positioned on the exterior surface which aligns with at least one aperture being formed in the support.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3949/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 25/10/2013

(54) Title of the invention : LARGE AREA HIGH LOAD CONDUCTIVE POLYMER BASED PRESSURE SWITCH

(51) International classification	:H01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S BHARAT ELECTRONICS LIMITED
(32) Priority Date	:NA	Address of Applicant :NAGAVARA, OUTER RING ROAD,
(33) Name of priority country	:NA	BANGALORE - 560 045 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. KRISHNASWAMY NATARAJAN
(87) International Publication No	: NA	2)MR. RAJAGOPAL BHARATHIDASAN
(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 used to develop a product which detects human intruder's movement in the sensitive locations in border areas. The present invention uses a novel method of using a silicone rubber based non-conductive pad embedded with conductive polymers in intended locations on non-conductive pads. The conductive polymer has volume resistivity of 4 ohm-cm and specific gravity of 1.06. The silicone rubber pad deflects depending on the magnitude of load applied due to human movement. The deflection of the rubber pad causes the conductive polymer to come in contact with the electronic printed circuit board at intended stroke, which will close the circuit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5051/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MELANOCORTIN-1 RECEPTOR-SPECIFIC CYCLIC PEPTIDES

(51) International classification	:C07K7/50
(31) Priority Document No	:61/263,490
(32) Priority Date	:23/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057699
Filing Date	:23/11/2010
(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)Wei YANG
2)Yi-qun SHI

(57) Abstract :

Melanocortin receptor-specific cyclic peptides of the formula where R1 R2 R3 R4 R5 R6 R7 R8 and R9 are as defined in the specification compositions and formulations including the peptides of the foregoing formula or salts thereof and methods of preventing ameliorating or treating melanocortin-1 receptor-mediated or responsive diseases indications conditions and syndromes.

No. of Pages : 137 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5052/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ELECTRONIC SPHYGMOMANOMETER

(51) International classification	:A61B5/022
(31) Priority Document No	:2009-259918
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070036
Filing Date	:10/11/2010
(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

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5)Izumi HACHIMARU
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(57) Abstract :

In this electronic sphygmomanometer the first pressure sensor (321) and the second pressure sensor (322) are disposed on the front surface side (12a) that serves as the first main surface of the internal circuit board (12) following the horizontal direction (the X direction) that is orthogonal to the direction in which the internal circuit board (12) is sloped; and as a result the first pressure sensor (321) and the second pressure sensor (322) are disposed having the same height position. It is therefore possible to provide an electronic sphygmomanometer that includes as a structure in which a pressure sensor used in the electronic sphygmomanometer is disposed a peripheral structure for the pressure sensor that can improve the reliability of blood pressure measurement values.

No. of Pages : 38 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5054/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ELECTRONIC SPHYGMOMANOMETER

(51) International classification	:A61B5/022
(31) Priority Document No	:2009-259917
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070035
Filing Date	:10/11/2010
(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

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7)Kenichi HORIBATA

(57) Abstract :

In an electronic sphygmomanometer, a protruding member (505) is provided in an outside surface of a first air port connection head (501), and when a first air port (327) is pushed into the first air port connection head (501), the protruding member (505) passes over a first shielding plate (323) while elastically deforming and reaches a position on the inner side of the first shielding plate (323). As a result, the first air port connection head (501) is prevented from pulling out from the first air port (327), and a sense of the protruding member (505) locking in upon returning to its original form is imparted on a worker. It is therefore possible to provide an electronic sphygmomanometer that includes, as a structure in which a pressure sensor used in the electronic sphygmomanometer is disposed, a peripheral structure for the pressure sensor that can improve the reliability of blood pressure measurement values.

No. of Pages : 39 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5055/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : INSTALLATION METHOD OF RADIATING ELEMENTS DISPOSED ON DIFFERENT PLANES AND ANTENNA USING THE SAME

(51) International classification :H01Q9/16
(31) Priority Document No :10-2009-0110696
(32) Priority Date :17/11/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/008139
Filing Date :17/11/2010
(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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2)Oh-Seog CHOI

3)Sung-Hwan SO

4)In-Ha JUNG

5)Seung-Mok HAN

(57) Abstract :

The present invention relates to an antenna having radiating elements which are disposed on different planes and the antenna comprises: a radiating element of a first position disposed on one plane; a radiating element of a second position disposed on the other plane; and feeding cables respectively connected to the radiating elements of the first and second positions wherein the feeding cables are designed in such a manner that a phase difference of signals propagated on the feeding cables is compensated by a phase difference of signals propagated in the air according to a difference between the first and second positions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5059/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : HIGH INTENSITY FOCUSED ULTRASOUND TRANSDUCER OPTIMIZATION

(51) International classification :A61N7/00
(31) Priority Document No :61/290268
(32) Priority Date :28/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055640
Filing Date :07/12/2010
(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

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3)ERKAMP Ramon Q.
4)KOSKELA I. A. Julius
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6)VAHALA Erkki T.
7)KOHLER Max Oskar

(57) Abstract :

When planning magnetic resonance (MR) guided high intensity focused ultrasonic (HIFU) therapy HIFU transducer element parameters are optimized as a function of 3D MR data describing a size shape and position of a region of interest (ROI) (146) and any obstructions (144) between the HIFU transducer elements and the ROI (146). Transducer element phases and amplitudes are adjusted to maximize HIFU radiation delivery to the ROI (146) while minimizing delivery to the obstruction (144). Additionally or alternatively transducer elements are selectively deactivated if the obstruction (144) is positioned between the ROI (146) and a given transducer element.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5060/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : HUMIDITY CONTROL IN A PRESSURE SUPPORT SYSTEM

(51) International classification :A61M16/16
(31) Priority Document No :61/290349
(32) Priority Date :28/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055223
Filing Date :17/11/2010
(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

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2)MCFADDEN Bryan Richard
3)DIMATTEO Mark William
4)BARCLAY Mark
5)LUCCI Christopher Scott
6)KANE Michael Thomas

(57) Abstract :

A pressure support system configured to provide pressure support therapy includes a humidifier that holds an enhanced amount of liquid while enhancing the power consumption of the pressure support system and enabling relatively rapid adjustments to humidity level. The humidifier includes a humidification chamber and a holding chamber and a partition that divides the holding chamber from the humidification chamber such that liquid from the holding chamber replenishes liquid held in the humidification chamber. The partition however also provides a level of thermal isolation for the humidification chamber from the holding chamber.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5061/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : BEATER ASSEMBLY AND KITCHEN APPLIANCE WITH A BEATER ASSEMBLY

(51) International classification :A47J43/07
(31) Priority Document No :09180805.5
(32) Priority Date :28/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055860
Filing Date :16/12/2010
(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

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1)UNTEREGGER Johann
2)EGGER Christian

(57) Abstract :

A beater assembly (100) arranged to be used in a receptacle (200) comprises a drive shaft (101) having a distal end (102) that can be coupled to a driving member. The drive shaft (101) defines a longitudinal axis (A-A) about which the beater assembly (100) is rotatably drivable. A first member (104) is coupled to the drive shaft (101) and comprises an arm section (104a) that extends away from the drive shaft (101). A second member (107) is coupled to the drive shaft (101) distanced from the first member (104). The second member (107) comprises an arm section (107a) that extends away from the drive shaft (101). A beater member (105) is provided that has a first distal end (105a) that is coupled to the arm section (104a) of the first member (104). The beater member (105) extends between the arm section (104a) of the first member (104) and the arm section (107a) of the second member (107). During use the arm section (107a) is near the bottom of the receptacle (200).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5062/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : FOOD PROCESSOR COMPRISING A WEIGHING DEVICE

(51) International classification :A47J43/046

(31) Priority Document No :09180780.0

(32) Priority Date :28/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055951

Filing Date :20/12/2010

(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

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(72)Name of Inventor :

1)SLADECEK Marcel

(57) Abstract :

Food processor (10) for processing foodstuff comprising a housing (18) and a food processing container (11) for holding foodstuff during processing during use supported by said housing (18). The food processor (10) further comprising a user interface (15) for exchanging information during use with the user and food weighing means. The food weighing means having a food weighing bowl (16) for weighing foodstuff before said foodstuff is being entered into the food processing container (11) and at least one weighing sensor (14a 14b) for sensing the weight of the food weighing bowl (16). During weighing the food weighing bowl (16) is located above the food processing container (11). Furthermore the food weighing bowl (16) is suitable for covering the food processing container (11) during food preparation and preferably comprises a fall through mechanism to allow the foodstuff to fall into the food processing container (11) after weighing.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5113/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : OPTIMIZED DATA RETRY MECHANISMS FOR EVOLVED HIGH RATE PACKET DATA (EHRPD)

(51) International classification	:H04W76/02
(31) Priority Document No	:61/288,653
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061365
Filing Date	:20/12/2010
(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

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U.S.A.
(72)Name of Inventor :
1)ZHAO Suli
2)BALASUBRAMANIAN Srinivasan
3)PAYYAPPILLY Ajith Tom

(57) Abstract :

A method for optimizing data retry mechanisms at a wireless communication device of an evolved high rate packet data system is described. The method includes attempting (202) to originate a data call on an evolved high rate packet data system. The method also includes determining (204) that originating the data call has failed. A type of failure that caused the data call to fail is determined (206). The frequency of data call origination attempts is reduced (208) based on the type of failure.

No. of Pages : 56 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5114/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR VIDEO CODING•

(51) International classification	:H04N7/26
(31) Priority Document No	:61/287,242
(32) Priority Date	:17/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2010/051412
Filing Date	:17/12/2010
(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)WU Zhuangfei
2)ANDERSSON Kenneth
3)PRIDDLE Clinton
4)RUSERT Thomas
5)SJ-BERG Rickard

(57) Abstract :

Methods and arrangements in video encoding and decoding entities. The methods and arrangements relate to the joint encoding of reference information associated with encoded video. The method and arrangement in a decoding entity relate to obtaining (402) a single syntax element associated with an encoded block B_e and identifying (404) a reference mode and one or more reference pictures based on the obtained syntax element. The method and arrangement further relate to- decoding (406) of the block B_e based on the identified reference mode and one or more reference pictures thus providing a decoded block B of pixels.

No. of Pages : 48 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5115/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PARENTERAL PHARMACEUTICAL FORMULATION IN SUSPENSION HAVING SUSTAINED RELEASE IN LOW AND ULTRALOW DOSAGE IN HORMONAL THERAPY IN THE CLIMACTERIC SYNDROME

(51) International classification	:A61K31/565
(31) Priority Document No	:MX/a/2009/013768
(32) Priority Date	:15/12/2009
(33) Name of priority country	:Mexico
(86) International Application No	:PCT/MX2010/000154
Filing Date	:14/12/2010
(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)ANGELES URIBE Juan
2)SAVOIR VILBOEUF John Claude

(57) Abstract :

Parenteral pharmaceutical formulation or composition in suspension having sustained release containing suspended particles of estradiol and progesterone for hormonal replacement in female mammals in low and ultralow dosage; the formulation consists of an injectable suspension comprising particles of estradiol particles of progesterone a surfactant agent an isosmotic agent a thickening agent and one or more preservation agents wherein the estradiol is in particles having a size between 1 and 100 microns and the progesterone is in particles having a size between 1 and 100 microns for application thereof in parenteral intramuscular subcutaneous or intradermal pharmaceutical form.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5116/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DATA IN A COMMUNICATION SYSTEM

(51) International classification :H03M13/11
(31) Priority Document No :10-2009-0111489
(32) Priority Date :18/11/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/008155
Filing Date :18/11/2010
(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

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3)Jae-Yoel KIM
4)Hyun-Koo YANG
5)Hak-Ju LEE
6)Seho MYUNG
7)Jin-Hee JEONG

(57) Abstract :

A method is provided for transmitting data which improves a diversity effect in a communication system. The method includes transmitting an information word including a codeword in a (k+s)-th frame generating s groups based on parity bits obtained by encoding the information word and transmitting the s groups in s frames preceding the (k+s)-th frame in a distributed manner.

No. of Pages : 82 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5117/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DIALYSIS MACHINE IN PARTICULAR PERITONEAL DIALYSIS MACHINE

(51) International classification :A61M1/16
(31) Priority Document No :10 2009 060 330.1
(32) Priority Date :23/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/007631
Filing Date :14/12/2010
(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)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
Address of Applicant :Else-Krner-Strae 1 61352 Bad
Homburg Germany.
(72)**Name of Inventor :**
1)HEDMANN Frank
2)SEBESTA Sven

(57) Abstract :

The present invention relates to a dialysis machine in particular a peritoneal dialysis machine to which a fluid system having a multi-chamber container having at least two chambers can be coupled which chambers have individual solutions and are separated by a separating arrangement to be opened mechanically comprising a controller and at least one sensor for determining a measured variable in the fluid system wherein the controller has a device for automatically checking if the separating arrangement of the multi-chamber container is opened properly which device automatically checks if the separating arrangement of a multi-chamber container of a fluid system coupled to the dialysis machine is opened properly based on the measured variable determined by the sensor.

No. of Pages : 79 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4979/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POSITION SENSING TOOTHBRUSH

(51) International classification :A46B15/00
(31) Priority Document No :61/289476
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055333
Filing Date :22/11/2010
(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

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1)DE VRIES Johannes Hotze Bernhard
2)HELFRICH Evert Alle
3)BAX Pieter Johannes
4)BRINCKERHOFF Chad
5)GORDIJN Sandor
6)RUIJL Theo Anjes Maria

(57) Abstract :

The toothbrush includes a handle portion (12 or 55) and a brushhead portion (14 or 57) with a bristle set (20 or 53) at one end of the brushhead. At least one sensor (16 or 56) is located either on the handle of the toothbrush or on the bristle set back plate (54) of the toothbrush. When the sensor is located on the handle of the toothbrush the position of the brushhead is determined by a processor (44 or 58) relative to the inside or outside surfaces of the teeth on the basis of the temperature detected by the sensor either the outside environmental temperature or the skin temperature of the user. When the sensor is located on the bristle set back plate the determination is made on the basis of the position of the bristle set relative to the cheek of the user.

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4980/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MOUTHPIECE WITH DRIVE FORCE CAPABILITY TO PRODUCE EFFECTIVE TEETH CLEANING

(51) International classification :A61C17/22

(31) Priority Document No :61/289609

(32) Priority Date :23/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/055336

Filing Date :22/11/2010

(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

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(72)Name of Inventor :

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2)LUMBANTOBING Ari

3)HEADSTROM Patrick A.

4)STAPELBROEK Martinus Bernardus

(57) Abstract :

The mouthpiece assembly includes a receptacle (12) for receiving teeth therein with bristles (24) mounted thereon for contacting and cleaning the teeth. The receptacle and the bristles cover at least 4 cm². A drive train (20) drives the receptacle such that the bristles move substantially at right angles toward and away from the surfaces of the teeth the drive train including a motor (22) which produces sufficient force to produce a minimum bristle tip threshold pressure of 6 Newtons per cm² and a maximum of 85 Newtons per cm².

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5137/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : GAS MEASUREMENT MODULE FOR USE IN THERAPEUTIC SETTINGS COMPRISING REFLECTIVE SCANNING MICROSPECTROMETER

(51) International classification	:A61B 5/08
(31) Priority Document No	:61/267929
(32) Priority Date	:09/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055535
Filing Date	:01/12/2010
(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

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(72)**Name of Inventor :**
1)RUSSELL James Torrance
2)JAFJE Michael Brian

(57) Abstract :

Gas within a ventilation circuit is analyzed by a spectrometer included in an airway adaptor that is inserted into the ventilation circuit. The spectrometer is formed from reflective members that process electromagnetic radiation while folding the path of the electromagnetic radiation in such a manner that the form factor of the airway adaptor is enhanced. Further because of the scale of the spectrometer within the airway adaptor the cost savings associated with manufacture of the reflective elements instead of refractive elements may significantly reduce the cost of the airway adaptor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5138/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : LOW GLARE LED-BASED LIGHTING UNIT

(51) International classification :F21K99/00

(31) Priority Document No :61/286140

(32) Priority Date :14/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/055332

Filing Date :22/11/2010

(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

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(72)Name of Inventor :

1)ROTH Eric

2)BAZDOLA Sarah

(57) Abstract :

The present disclosure is directed to inventive methods and apparatus for a low-glare LED-based lighting unit (110). The low-glare LED-based lighting unit (110) may have vertically extending LED support structure (120) and an array of individually aimed LEDs (133) coupled to the vertically extending LED support structure (120). At least one vertically extending translucent inner lens (150/260) may be provided adjacent a plurality of the LEDs (133) and intersect the LED light output axis (A) of a plurality of the LEDs (133).

No. of Pages : 30 No. of Claims : 14

(54) Title of the invention : A SYSTEM FOR RAPID AND ACCURATE QUANTITATIVE ASSESSMENT OF TRAUMATIC BRAIN INJURY

<p>(51) International classification :G06T7/00 (31) Priority Document No :61/285216 (32) Priority Date :10/12/2009 (33) Name of priority country :U.S.A. (86) International Application No :PCT/IB2010/055246 Filing Date :17/11/2010 (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</p>	<p>(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS 2)TRUSTEES OF DARTMOUTH COLLEGE (72)Name of Inventor : 1)ZAGORCHEV Lyubomir Georgiev 2)MOORE Elizabeth Anne 3)GARLINGHOUSE Matthew A. 4)ROTH Robert M. 5)MCALLISTER Thomas W. 6)KNESER Reinhard 7)GELLER Dieter 8)PETERS Jochen 9)WEESE Juergen 10)QIAN Yuechen</p>
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(57) Abstract :

A system and method for automatic segmentation performed by selecting a deformable model of an anatomical structure of interest imaged in a volumetric image the deformable model formed of a plurality of polygons including vertices and edges displaying the deformable model on a display detecting a feature point of the anatomical structure of interest corresponding to each of the plurality of polygons and adapting the deformable model by moving each of the vertices toward the corresponding feature points until the deformable model morphs to a boundary of the anatomical structure of interest forming a segmentation of the anatomical structure of interest.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1566/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : NOVEL CRYSTALLINE FORM OF 2-[3-CYANO-4-(2-METHYLPROPOXY) PHENYL]-4-METHYLTHIAZOLE-5-CARBOXYLIC ACID

(51) International classification	:C07D 277/00	(71)Name of Applicant : 1)MSN LABORATORIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :FACTORY: SY.NO: 317 & 323,
(32) Priority Date	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(33) Name of priority country	:NA	502 329 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRINIVASAN THIRUMALAI RAJAN
(87) International Publication No	: NA	2)GOGULAPATI VENKATA PANAKALA RAO
(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 novel crystalline form of anti-hyperuricemia drug, i.e. 2-[3-cyano-4-(2-methylpropoxy)phenyl]-4-methylthiazole-5-carboxylic acid represented by structure formula-1 and its process for preparation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4981/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A GUIDANCE ASSEMBLY TIP FOR A LIQUID DROPLET SPRAY TEETH CLEANING APPLIANCE

(51) International classification	:A61C17/02
(31) Priority Document No	:61/289589
(32) Priority Date	:23/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055350
Filing Date	:22/11/2010
(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

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2)EDWARDS Dainia
3)BAUMGARTEN Donald Charles
4)JOHNSON Ahren Karl
5)KLOSTER Tyler G.
6)BENNING Wolter F.

(57) Abstract :

The guidance assembly is used for precise cleaning of interproximal spaces of teeth. The guidance assembly includes a base portion (30) for contacting the surfaces of teeth and gum region adjacent the interproximal space the base portion being approximately 12 mm in diameter to provide stable contact with the teeth and gum region. The guidance assembly also includes a tip portion (28) which extends forward of the base portion and includes an opening (31) through which the droplet spray is directed coincident with the plane of the interproximal space.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4982/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD FOR GENERATING NITRIC OXIDE

(51) International classification :C01B21/30

(31) Priority Document No :09180521.8

(32) Priority Date :23/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055856

Filing Date :16/12/2010

(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

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(72)Name of Inventor :

1)HILBIG Rainer

2)PINTER Robert

3)IGNEY Claudia Hannelore

(57) Abstract :

The invention relates to a method for generating nitric oxide in particular for therapeutic applications which comprises the steps of: guiding a process gas into a reaction chamber 3 wherein the process gas comprises nitrogen and oxygen heating the process gas to a temperature which is sufficiently high to enable a reaction of oxygen and nitrogen to form nitric oxide thereby forming a gas which comprises nitric oxide and extracting the nitric oxide comprising gas from the reaction chamber 3 wherein oxygen is present in the process gas in the reaction chamber in an amount of = 5vol- % . .

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4984/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PRESENTING A FIRST-PERSON WORLD VIEW OF CONTENT

(51) International classification :G06F17/30

(31) Priority Document No :12/636,262

(32) Priority Date :11/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/FI2010/050960

Filing Date :25/11/2010

(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

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(72)Name of Inventor :

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2)Panu Johansson

3)Jari Selenius

4)Lotta Partanen

5)Erika Reponen

6)Jaakko Keranen

(57) Abstract :

An approach is provided for presenting a global view of content. A content mapping platform receives an access address of content, the content including location information. The content mapping platform then determines availability information of the content by causing, at least in part, detection of the content at the access address and causing, at least in part, presentation of the content on a user interface of a user device indicating the location information based on the availability information of the content.

No. of Pages : 48 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5141/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ASSOCIATING ACQUIRED IMAGES WITH OBJECTS

(51) International classification	:G06F19/00
(31) Priority Document No	:09179838.9
(32) Priority Date	:18/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055386
Filing Date	:24/11/2010
(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

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2)MEETZ Kirsten
3)BERGTHOLDT Martin
4)BUURMAN Johannes
5)SAALBACH Axel

(57) Abstract :

A system for associating acquired images with objects is disclosed. It comprises an image selector (1) for selecting a stored image from a database (5) comprising a plurality of stored images, the database (5) comprising an association (21) between the stored image (6) and an object of interest; an image scanner (2) for acquiring a new image (9) comprising a representation (10) of at least part of the object of interest, during an imaging session; a user interface (3) for enabling a user, during the imaging session, to indicate that the new image (9) is to be associated with the object of interest; and an associating subsystem (4) for creating an association (23) between the new image (9) and the object of interest in the database. The user interface (3) is arranged for enabling a user to select the object of interest from a plurality of objects of interest associated with the stored image (6).

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5131/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : CHARGE CONTROL TECHNIQUES FOR SELECTIVELY ACTIVATING AN ARRAY OF DEVICES

(51) International classification :G02B26/00

(31) Priority Document No :12/642,437

(32) Priority Date :18/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/059291

Filing Date :07/12/2010

(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

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(72)Name of Inventor :

1)GOVIL Alok

(57) Abstract :

Methods and apparatus are described by which charge may be delivered to an array of electromechanical devices (e.g. MEMS or NEMS) driven in parallel such that only a desired number of the devices are actuated. Specific embodiments relate to visual displays implemented using interferometric modulators (IMODs). In particular spatial half-toning techniques for achieving grayscale in such displays are described that are not characterized by the power penalty associated with conventional spatial half-toning techniques.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5133/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR REALIZING ROTATION SPEED CONTROL IN A GENERATOR SET

(51) International classification	:F02D29/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2011/076403
Filing Date	:27/06/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)XU Daming
2)WANG Zheng

(57) Abstract :

A method, apparatus, and system of realizing rotation speed control in a generator set, wherein the method comprises: obtaining an updated minimum fuel consumption curve of the generator set; detecting a current output power of the generator set, and finding a rotation speed of the generator set corresponding to the output power using the updated minimum fuel consumption curve; adjusting the rotation speed of the generator set using the rotation speed corresponding to the found output power, such that the rotation speed of the generator set matches the standard rotation speed corresponding to the found output power. The method, apparatus, and system of the embodiments of the present invention can reduce impacts on systematic energy-saving effect due to product models, performance aging and other uncertain factors, and enable the generator set to operate under a rotation speed condition reasonable for oil saving, so that the effect of oil saving can be maximized.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5134/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MODULAR VENTILATION SYSTEM

(51) International classification :A61M16/00

(31) Priority Document No :61/267261

(32) Priority Date :07/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/055382

Filing Date :23/11/2010

(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

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EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)CEWERS Hugo Goran Richard

(57) Abstract :

A subject is mechanically ventilated by a modular ventilator system. The modularity of the system may enable the system to be incorporated into therapy settings with an enhanced convenience comfort and/or form factor. The system may include separate docking stations that are removably coupled with the different modules. This may enable the separate modules to be moved with or without the patient between a plurality of different therapy settings. Gas may be delivered to the subject by the system from one or more gas sources.

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

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING SUPPORT THERAPY WHILE DETERMINING CONCENTRATIONS OF A MOLECULAR GASEOUS EXPIRED BY A SUBJECT RECEIVING PRESSURE SUPPORT THERAPY

(51) International classification	:A61M16/00
(31) Priority Document No	:61/267282
(32) Priority Date	:07/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055383
Filing Date	:23/11/2010
(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

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(72)**Name of Inventor :**
1)ORR Joseph Allen

(57) Abstract :

Pressure support therapy is provided to a subject. The effectiveness of the provided pressure support therapy is determined and/or the therapy is titrated based on determinations of the concentration of one or more gaseous molecular species in gas exhaled by the subject. The determinations of composition of gas exhaled by the subject are obtained from samples with relatively little distortion caused by dilution of expired gases from gases provided to the airway of the subject as part of the pressure support therapy.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5136/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DIAGNOSTIC TECHNIQUES FOR CONTINUOUS STORAGE AND JOINT ANALYSIS OF BOTH IMAGE AND NON-IMAGE MEDICAL DATA

(51) International classification	:G06F19/00
(31) Priority Document No	:61/285202
(32) Priority Date	:10/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055237
Filing Date	:17/11/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
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(72)**Name of Inventor :**
1)RIBBING Carolina
2)WEIBRECHT Martin
3)BACHMANN Peter K.

(57) Abstract :

An apparatus comprises: a database (30) storing medical data including image medical data and non-image medical data for a plurality of patients; a digital processor (40) configured to (i) generate a features vector (56) comprising features indicative of a patient derived from patient medical data stored in the database including both patient image medical data and patient non-image medical data and (ii) perform multivariate analysis (64) on a features vector generated for a patient of interest to determine a proposed diagnosis for the patient of interest; and a user interface (42) configured to output a human perceptible representation of the proposed diagnosis for the patient of interest.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5142/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : GRATING DISC FOR A FOOD PROCESSOR AND A FOOD PROCESSOR COMPRISING A GRATING DISC

(51) International classification	:A47J43/25
(31) Priority Document No	:09179640.9
(32) Priority Date	:17/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055734
Filing Date	:10/12/2010
(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)FISTER Ines
2)HOLZBAUER Juergen

(57) Abstract :

A grating disc (4) arranged to be mounted within a food processor (1) and to be rotated in a direction of rotation (26). The grating disc (4) comprising at least one grating tooth (24) for grating food to be processed which tooth protrudes from a surface of the grating disc. The tooth (24) has an uninterrupted, continuous envelope surface (29) forming an outer contour of said tooth (24) which surface has gradient which spatial derivative does not change sign. The envelope surface comprises a front surface (30) which is, during use, the leading surface of the grating tooth (24). The front surface (30) extends from the grating said disc surface (23) to a distal end of the grating tooth, and is adapted to be brought into contact with said food during use of said food processor (1). The front surface (30) is delimited in one direction by the grating disc surface, and in at least one other direction by at least one grating edge (32). Due to this improved grating disc less food particles remaining on the grating disc - i.e. less processed food being caught by the grating tooth - implying improved cleanability of the grating disc after use.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5143/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : FLOW CONTROL DEVICE

(51) International classification	:F23D1/00
(31) Priority Document No	:0919964.7
(32) Priority Date	:16/11/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051871
Filing Date	:10/11/2010
(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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1)YOUSIF SAFWAN YOUSIF AHMED

2)AGHDAEE BABAK

3)HESSELMANN GERARD JOHN

(57) Abstract :

A flow control device for partitioning a fluid flow from a common supply stream into at least two delivery streams by means of a common reciprocating damper such as a cylindrical sleeve damper. A combustion device using such a flow control device to partition a gas supply thereto and a combustion apparatus such as a boiler incorporating such combustion devices are also described.

No. of Pages : 29 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5144/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ICE CREAMS AND METHOD FOR PRODUCING SAME

(51) International classification :A23G9/04
(31) Priority Document No :2009-293869
(32) Priority Date :25/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/007476
Filing Date :24/12/2010
(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)NAKAGOSHI Makoto
2)ONODA Toshiaki
3)ICHIBA Tomoko

(57) Abstract :

The present invention is intended to provide a method for producing ice creams which have high storage stability and excellent flavor and can be easily scooped with a spoon. The present invention relates to a method for producing ice creams which comprises a desalting process a process of adding enzyme a lactose degradation process and a cooling process. At first in the desalting process a starting ingredient which includes nonfat milk solid content of 5 wt% - 50 wt% is desalted. In the subsequent process of adding enzyme enzyme capable of degrading lactose is added to the starting ingredient that has been processed with the desalting process. Then in the lactose degradation process the enzyme degrades lactose included in the starting ingredient. Finally for example in the cooling process the starting ingredient having been processed with the lactose degradation process is cooled. Then ice creams can be produced.

No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5145/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PORTABLE COMPUTER HAVING A TILT CAMERA ASSEMBLY

(51) International classification :G06F1/16

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/067440

Filing Date :10/12/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)HEWLETT-PACKARD DEVELOPMENT COMPANY
L.P.**

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Houston Texas 77070 U.S.A.

(72)Name of Inventor :

1)MARK DAVID SENATORI

(57) Abstract :

Embodiments of the present invention provide a digital camera mount assembly for a portable computer 200 having a display panel 202. According to one embodiment the camera mount assembly 206 includes a mount plate having at least one aperture and formed within a front surface 203 of the display panel. A tiltable camera lens is positioned within the aperture of the camera housing. In particular the camera lens is configured such that when the camera lens is tilted at a maximum the camera lens does not protrude outside the front surface of the display panel.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5013/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MAINTAINING HIGH DATA INTEGRITY AND FOR PROVIDING A SECURE AUDIT FOR FRAUD PREVENTION AND DETECTION

(51) International classification	:G06F21/00
(31) Priority Document No	:61/263,221
(32) Priority Date	:20/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057641
Filing Date	:22/11/2010
(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)MPA NETWORKS INC.
Address of Applicant :1301 Shoreway Road Suite 175
Belmont CA 94002 United States of America.
(72)**Name of Inventor :**
1)Michael PRICE
2)Scott DEGRAFFENREID
3)Joseph DITO
4)Taylor PRICE

(57) Abstract :

Any of various comparisons of computer folders from different points in time is performed. Such comparisons provide the ability to discover missing documents or documents with modification dates that have changed when there would otherwise have been no need to change them and thus allows discovery of missing documents to discover fraud or to search for evidence after a fraud is suspected. In another embodiment deltas in accounting system vendor invoice accounts are compared at different points in time potentially exposing the practice of moving fraudulent vendor transactions into a large group of legitimate transactions for a legitimate vendor. Per period transaction totals for specific periods for legitimate vendors are compared over historical time for suspicious activity. A comparison of reports from the two different periods using exact data and software from those separate periods (instead of reporting from current data) may raise a red flag otherwise missed.

No. of Pages : 65 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5014/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ARTICULATED SENSOR SUPPORT STRUCTURE

(51) International classification :B64D47/08

(31) Priority Document No :61/264,601

(32) Priority Date :25/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/058037

Filing Date :24/11/2010

(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)John Peter ZWAAN

2)Makoto UENO

3)Marc L. SCHMALZEL

4)Christopher E. FISHER

(57) Abstract :

Embodiments include an assembly comprising: (a) a camera support structure comprising: a masthead (320) disposed on the distal end of a mast (210) wherein the masthead (320) is configured to receive an imaging element (1110); where a proximal end of the mast (210) rotatably engaging an azimuth-elevation joint assembly (140) wherein the azimuth-elevation joint assembly (140) comprises a first angular actuator (1151) of a first rotational degree-of-freedom and a second angular actuator (1152) of a second rotational degree of freedom; and (b) a camera support structure housing 100 comprising an aperture (120) and a hatch (110) wherein the hatch (110) is resiliently biased to close the aperture (120); and wherein the camera support structure (220) is configured to overcome the hatch resilient bias by at least one of: the release of a pin (1150) restraining a loaded spring and a rotational actuation of the mast via at least one of the first angular actuator (1151) and the second angular actuator (1152).

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5015/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PITCH DRIVE DEVICE FOR A WIND POWER OR HYDROELECTRIC POWER STATION

(51) International classification	:H02K23/64
(31) Priority Document No	:10 2009 046 883.8
(32) Priority Date	:19/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067700
Filing Date	:17/11/2010
(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)MOOG UNNA GMBH

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(72)Name of Inventor :

1)Tobias ROESMANN

(57) Abstract :

The invention relates to a pitch drive device (26) for a wind power or hydroelectric power station (22) comprising a synchronous motor (13) and a motor operation switchover unit (21) for switching between normal operation and emergency operation. To do so the synchronous motor (13) is operable in normal operation with three-phase AC and in emergency operation with DC. The invention furthermore relates to a method for operating a pitch drive device (26) of this type.

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5164/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHODS AND APPARATUS FOR SUPPORTING MULTI-HOP PEER DISCOVERY IN PEER-TO-PEER WIRELESS NETWORKS

(51) International classification :H04W8/00
(31) Priority Document No :12/645,746
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061168
Filing Date :17/12/2010
(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

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(72)Name of Inventor :
1)WU Xinzhou
2)LI Junyi
3)JOVICIC Aleksandar
4)SHAKKOTTAI Sanjay
5)TAVILDAR Saurabh R.

(57) Abstract :

Methods and apparatus for supporting multi-hop peer discovery in peer-to-peer wireless networks are disclosed. One method supports multi-hop peer discovery using a first peer having a first unique identification code. The method includes decoding a second peer discovery signal to obtain a second unique identification code and a second local identification code of a second peer received during a peer-to-peer discovery channel determining whether to select the second peer based on a predetermined criterion; and transmitting a first peer discovery signal having the first unique identification code the second local identification code and a hop count when the predetermined criterion is satisfied.

No. of Pages : 36 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4470/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : POLYURETHANE ELASTOMER WITH ADAPTABLE SURFACE PROPERTIES

(51) International classification	:C08G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL
(32) Priority Date	:NA	SCIENCES AND TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :INDIAN INSTITUTE F
(86) International Application No	:NA	BIOMEDICAL TECHNOLOGY WING,
Filing Date	:NA	THIRVANANTHAPURAM 695 012 Kerala India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)M JAYABALAN
Filing Date	:NA	2)S. DAWLEE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A radiopaque thermoplastic polyurethane elastomer comprising 4,4'-isopropylidenebis [2-(2,6-diiodophenoxy) ethanol, 4,4'-methylenebis (phenyl isocyanate) and a polyol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5150/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : LATTICE-MISMATCHED CORE-SHELL QUANTUM DOTS

(51) International classification :C09K11/02

(31) Priority Document No :61/261,495

(32) Priority Date :16/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/056694

Filing Date :15/11/2010

(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

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America.

(72)Name of Inventor :

1)Andrew M. SMITH

2)Shuming NIE

(57) Abstract :

The disclosure relates to lattice-mismatched coreshell quantum dots (QDs). In certain embodiments the lattice-mismatched core-shell QDs are used in methods for photovoltaic or photoconduction applications. They are also useful for multicolor molecular cellular and in vivo imaging.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5151/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DOMAIN NAME PROCESSING METHOD AND DOMAIN NAME SERVER

(51) International classification :H04L29/06
(31) Priority Document No :200910180181.X
(32) Priority Date :16/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077515
Filing Date :30/09/2010
(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)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi-Tech
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(72)**Name of Inventor :**
1)SUN Wang

(57) Abstract :

The present disclosure relates to a domain name processing method and a domain name server. The method comprises: a query request is forwarded to a secondary domain name server of a home domain of a subscriber when the query request for a non-local domain subscriber forwarded by the secondary domain name server of an initiator is received; and a query result is forwarded to the secondary domain name server of the initiator when the query result returned from the secondary domain name server of the home domain of the subscriber is received (104). The present disclosure enables exact division of work of two levels of domain name servers in a domain name server system and strengthens the convenience for data management. The workload is reduced, and the probabilities of redundancy and error of data are also reduced; thus the work efficiency of the domain name server system is improved.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5152/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A CONTROL SYSTEM FOR A VEHICLE DRIVETRAIN•

(51) International classification :B60W30/18

(31) Priority Document No :0921118.6

(32) Priority Date :02/12/2009

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2010/052013

Filing Date :02/12/2010

(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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Address of Applicant :1 Aston Way Leyland Lancashire
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(72)Name of Inventor :

1)FULLER John William Edward

(57) Abstract :

The invention concerns an arrangement for controlling a vehicle drivetrain having an engine provided with a speed governor and a continuously variable transmission (CVT) incorporating a variator which is constructed and arranged to regulate its reaction torque. The control system comprises a control part (504) movable by the driver to provide a driver input an open loop subsystem (511) for operatively coupling the control part to the governor (520) to control no-load speed of the governor in dependence on the driver input a closed loop subsystem comprising a comparator (502) which receives a first control signal derived from the driver input and corresponding to a target engine speed and a second control signal corresponding to engine speed and which adjusts variator reaction torque in dependence upon a comparison of the first and second control signals causing the transmission to load the engine suitably to achieve the target engine speed.

No. of Pages : 50 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5153/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : RECEIVER COIL ASSEMBLY FOR AIRBORNE GEOPHYSICAL SURVEYING WITH NOISE MITIGATION•

(51) International classification	:G01V3/165
(31) Priority Document No	:61/264,762
(32) Priority Date	:27/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001863
Filing Date	:26/11/2010
(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)KUZMIN Petr Valentinovich

2)DODDS Jack

(57) Abstract :

An airborne geophysical surveying system comprising a receiver coil assembly for towing by an aircraft the receiver assembly including a receiver coil for sensing changes in a magnetic field component of a magnetic field and a receiver coil orientation sensing system for sensing orientation changes of the receiver coil. A controller receives signals representing the sensed changes in the magnetic field component from the receiver coil and the sensed orientation changes from the receiver coil orientation sensing system and corrects the sensed changes in the magnetic field component to provide a signal that is corrected for noise caused by changing orientation of the receiver coil in a static geomagnetic field.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1583/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POWER SHIFTING DEVICE FOR REGENERATIVE BRAKING SYSTEM

(51) International classification	:F16H 25/00	(71)Name of Applicant : 1)TKM COLLEGE OF ENGINEERING
(31) Priority Document No	:NA	Address of Applicant :KARICODE, KOLLAM - 691 005
(32) Priority Date	:NA	Kerala India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ABDUL MAJEED SADIQ
Filing Date	:NA	2)JEBIN THOMAS
(87) International Publication No	: NA	3)BINU BENEDICT
(61) Patent of Addition to Application Number	:NA	4)ROHIT SASIKUMAR PILLAI
Filing Date	:NA	5)VISHAL VALENTINE
(62) Divisional to Application Number	:NA	6)VINU V
Filing Date	:NA	

(57) Abstract :

The invention relates to a power shifting device for regenerative braking system in a vehicle. The device is configured to generate power from unused power generated during braking action of the vehicle. During braking action of the vehicle, the device shall shift the power from motor side rotating shaft(1) to generator side rotating shaft(11) using a set of clutch. The device comprises of two female cones(4,5), a first female cone(4) positioned on motor side and a second female(5) cone positioned on generator side each female cone mounted on its corresponding shaft and disposed coaxially on either side of a spring-actuated male cone(3) mounted on a splined shaft. The male cone(3) is disposed on the splined shaft either engages with the first female cone(4) on the motor side to generate rotating motion to driving means or engages with the second female cone(5) on generator side to transmit power to generator shaft(11) The male cone(3) is further adapted to engage with the first female cone(4) normally due to a spring force of a spring and is adapted to engage with the second female cone(5) when a braking force is applied on the shaft in which the male cone(3) is mounted.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5189/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PEPTIDE PROTECTION AGAINST ULTRAVIOLET LIGHT TOXICITY

(51) International classification :A61K38/08

(31) Priority Document No :61/262,790

(32) Priority Date :19/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/057177

Filing Date :18/11/2010

(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

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2)FALLA Timothy J.

(57) Abstract :

Short peptides having biological and therapeutic activity are disclosed Specifically the activity of the disclosed peptides is directed to seducing or protecting against mutagen-induced cellular/tissue toxicity (i.e. chemopreventive). For example the disclosed peptides protect against skin toxicity and/or mutagenesis that occurs from ultraviolet (UV) light exposure. The disclosed peptides also block the activation of certain cell cycle regulatory proteins such as Chk2. An example of such a peptide is SerLeu-Tyr-Gln-Ser (SEQ ID NO: 10). The disclosed peptides ate also useful for methods of reducing or protecting against cellular toxicity and mutation accumulation that would otherwise occur following mutagen exposure. One such method is drawn to applying a peptide to the skin to prevent or reduce mutagenic damage resulting from UV light (e.g. sunlight) exposure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5190/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : HETEROAROMATIC ARYL TRIAZOLE DERIVATIVES AS PDE10A ENZYME INHIBITORS

(51) International classification :C07D471/04
(31) Priority Document No :PA 2009 01340
(32) Priority Date :17/12/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2010/050344
Filing Date :15/12/2010
(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 :
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2)NIELSEN Jacob
3)KEHLER Jan
4)KILBURN John Paul
5)MARIGO Mauro
6)LANGG...RD Morten

(57) Abstract :

This invention is directed to compounds (Formula 1) which are PDE 1 OA enzyme inhibitors. The invention provides a pharmaceutical composition comprising a therapeutically effective amount of a compound of the invention and a pharmaceutically acceptable carrier. The present invention also provides processes for the preparation of the compounds of formula (I). The present invention further provides a method of treating a subject suffering from a neurodegenerative disorder comprising administering to the subject a therapeutically effective amount of a compound of formula (I). The present invention also provides a method of treating a subject suffering from a drug addiction comprising administering to the subject a therapeutically effective amount of a compound of formula (I). The present invention further provides a method of treating a subject suffering from a psychiatric disorder comprising administering to the subject a therapeutically effective amount of a compound of formula (I).

No. of Pages : 67 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5191/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MEDICAL DEVICE AND METHOD OF ASSEMBLY

(51) International classification :A61M5/00

(31) Priority Document No :09179623.5

(32) Priority Date :17/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/069903

Filing Date :16/12/2010

(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

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(72)Name of Inventor :

1)POMMERAU Christian

(57) Abstract :

The present invention relates to a medical device for administering a medicinal product to a patient comprising at least air component (2 8 10 12 14 15 16 17 18 20 22 24 26 28) comprising a material having an additive embedded therein wherein the additive is adapted to provide a visually perceptible signal when exposed to electromagnetic radiation. The invention is particularly intended for drug delivery devices such as e.g. of pen-type injectors. With the visually perceptible signal embedded in the at least one component visually controlled assembly of such devices can be improved. Additionally the invention provides an effective means antagonize counterfeiting of drugs and of medical devices.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5063/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : EARLY EXACERBATION DETECTION USING DIFFERENTIAL TEMPERATURE MONITORING

(51) International classification :G06F19/00

(31) Priority Document No :61/290347

(32) Priority Date :28/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/055225

Filing Date :17/11/2010

(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

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(72)Name of Inventor :

1)CHEUNG Amy Oi Mee

2)KLEWER Jasper

3)ATAKHORRAMI Maryam

(57) Abstract :

A system and method for predicting an onset of an exacerbation in a patient is provided. The method includes monitoring core body temperature of the patient; monitoring breath temperature of the patient; calculating a relationship or a change in relationship between the core body temperature and the breath temperature of the patient; and detecting the onset of the exacerbation when the calculated relationship or a change in relationship satisfies a predetermined criteria.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5064/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SENSOR FOR MICROSCOPY

(51) International classification	:G02B21/36
(31) Priority Document No	:09306350.1
(32) Priority Date	:30/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/056005
Filing Date	:22/12/2010
(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

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(72)**Name of Inventor :**
1)HULSKEN Bas
2)STALLINGA Sjoerd

(57) Abstract :

This invention pertains to a method for microscopically imaging a sample, with a digital scanner comprising a sensor including a 2D array of pixels and to a digital scanning microscope carrying out this method. It is notably provided a method for microscopically imaging a sample with a scanner comprising a sensor including a 2D array of pixels in an XY coordinate system, the axis Y being substantially perpendicular to the scan direction, wherein the scanner is arranged such that the sensor can image an oblique cross section of the sample, and wherein the method comprises the steps of: • activating a first sub-array of the 2D array of pixels, the first sub-array extending mainly along the Y axis at a first X coordinate (X1), • creating a first image by imaging a first area of the sample by means of the first sub-array of pixels. According to aspects of the invention, it is further proposed a scanner carryout this method and using the same 2D array sensor for imaging and auto-focusing purpose.

No. of Pages : 31 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5065/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A METHOD AND A PROGRAM FOR CALCULATING LOCAL SPECIFIC ENERGY ABSORPTION RATE (SAR) AND A MAGNETIC RESONANCE SYSTEM

(51) International classification	:G01R33/28
(31) Priority Document No	:09181034.1
(32) Priority Date	:31/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/056095
Filing Date	:28/12/2010
(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

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(72)**Name of Inventor :**
1)VOIGT Tobias Ratko
2)KATSCHER Ulrich
3)HOMANN Hanno Heyke

(57) Abstract :

A method for calculating a local specific energy absorption rate (SAR) on basis of an electric parameter and the mass density of a segmented geometry of an object and a magnetic field vector distribution of a radio frequency (RF) antenna. The values of the electric parameter and the mass density are pre-determined values, while the magnetic field vector distribution is estimated by a magnetic field mapping method based on a magnetic resonance (MR) scan. The magnetic field mapping method based on a magnetic resonance scan can be a B1 mapping method. The invention also relates to a magnetic resonance system by means of which SAR calculation can be done in a relatively short period of time. The invention also relates to a computer program comprising instructions for calculating a local specific energy absorption rate (SAR) according to the above mentioned method. The SAR calculation used in the above mentioned method, system and program is done in the relatively short period of time and as such is practicable in a clinical setting.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5218/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS TO DETECT CORONARY ARTERY CALCIFICATION OR DISEASE

(51) International classification :G01N21/64

(31) Priority Document No :61/261,919

(32) Priority Date :17/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/057092

Filing Date :17/11/2010

(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

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(72)Name of Inventor :

1)John D. MAYNARD

2)Nathaniel MATTER

3)Baqiyyah CONWAY

4)Trevor ORCHARD

(57) Abstract :

Coronary artery calcification (CAC) occurs at an earlier age in diabetes and is a risk factor for coronary artery disease (CAD) in subjects with or without diabetes. One postulated mechanism for the increased CAC is the accelerated accumulation of advanced glycation end products (AGEs) in the vasculature. As certain collagen AGEs fluoresce skin intrinsic fluorescence (SIF) can act as a novel marker of collagen AGEs levels. The present invention provides methods and apparatuses for detecting SIF that can be a useful marker of CAD risk and a therapeutic target.

No. of Pages : 94 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1586/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ELECTRICITY GENERATION FROM ELECTRICITY USING WITH ELECTRIC MOTOR

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MATHEW JAMES
(32) Priority Date	:NA	Address of Applicant :KODUPADAM(H), PULINCUNNOO,
(33) Name of priority country	:NA	P.O., 688 504 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MATHEW JAMES
(87) 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 :

We can produce large scale or small scale electricity using with different horse power motor & different dynamo. By connecting electric motor to the dynamo by a chain or a belt, we can produce electricity. That is the motor rotate the dynamo and electricity can generate

No. of Pages : 5 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1587/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : EFFICIENT LUBRICANT TREATMENT FOR RADIAL ENGINE

(51) International classification	:F01M	(71)Name of Applicant :
	1/00	1)CLEAR ENERGY SYSTEMS, INC.
(31) Priority Document No	:NA	Address of Applicant :1245 W. GENEVA DRIVE, TEMPE-
(32) Priority Date	:NA	AZ 85282 U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)CARMEN, ANTHONY, J.
Filing Date	:NA	2)GRIFFIN, JAME, H.
(87) International Publication No	: NA	3)HEISE, DOUGLAS, R.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A radial engine lubrication device is disclosed. The device includes at least one lubricant supply pump and a crankcase. The crankcase has a first cavity and a second cavity. The device includes a first flow path extending through at least one master rod of a rotating assembly. The lubricant is supplied from the lubricant supply pump, through the first flow path and exits into the first cavity. A second flow path extends internally through at least one wall of the crankcase and the device further includes at least one scupper extending into the first cavity and fluidly connecting the first cavity with the second cavity.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3740/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : AN ENGINE WITH AUTOMATED MANUAL TRANSMISSION SYSTEM AND INTAKE SYSTEM THEREFOR

(51) International classification	:F16H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BAJAJ AUTO LIMITED
(32) Priority Date	:NA	Address of Applicant :2ND & 3RD FLOOR, KHIVRAJ
(33) Name of priority country	:NA	BUILDING, NO. 616, ANNASALAI, CHENNAI - 600 006
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JOSEPH ABRAHAM
(61) Patent of Addition to Application Number	:NA	2)UTPAT SHRIKANT TUKARAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An engine comprises an intake system (10) including an intake manifold (14) and at least one of a carburetor (12) of constant velocity type for gasoline fuel or fuel metering mechanism and mixer unit for a gaseous fuel supply system for metering fuel to be mixed with air to form a fuel air charge for admission to the engine; a throttle operating mechanism (50, 51); a cylinder head having a combustion chamber for combustion of the fuel air charge; and a control unit. A restriction element (20) is provided in the intake manifold (14) which is operable by the control unit to control admission of fuel air charge to the engine combustion chamber during a gear shift phase. The restriction element (20) is especially suitable for engines having automated manual transmission.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5224/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ANIMAL MODEL EXPRESSING LUCIFERASE UNDER CONTROL OF THE MYELIN BASIC PROTEIN PROMOTER (MBP-LUCI) AND USE OF THE MODEL FOR BIOLUMINESCENCE IN VIVO IMAGING

(51) International classification :A01K67/027
(31) Priority Document No :61/287,371
(32) Priority Date :17/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058823
Filing Date :03/12/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ECONOMIDES Kyriakos D.
4)POLITES Harry Gregory
5)WEINSTOCK Daniel
6)YING Xiaoyou

(57) Abstract :

A Myelin Basic Protein-luciferase bioimaging noninvasive model to visualize and quantify demyelination and remyelination events in the CNS at transcriptional level in vivo is provided. Luciferase-expressing transgenic animals were generated with myelin basic protein (MBP) promoter coupled to firefly luciferase reporter. The MBP-luci bioimaging model provides a means to monitor myelination status and the efficacy of a remyelination modulating test compound. An advantage of bioimaging is that a subject in a longitudinal study can serve as its own control. The same subject can be tracked over a demyelination and remyelination process continuously over a period of at least 10 weeks. This model enables normalization of individual animal imaging response and provides quality data with considerably reduced variance. In addition because cohorts of animals need not be sacrificed at different time points reduction in the number necessary for a compound efficacy study is possible.

No. of Pages : 70 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5225/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND SYSTEM FOR COMPRESSIVE COLOR IMAGE SAMPLING AND RECONSTRUCTION

(51) International classification	:H04N9/07
(31) Priority Document No	:61/262,923
(32) Priority Date	:20/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057541
Filing Date	:20/11/2010
(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

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(72)Name of Inventor :

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(57) Abstract :

A method and system for compressive color image sampling and reconstruction. A sample set of data generated by transforming and sampling an optical property of an original image in a spatial basis, wherein the transformation effected is substantially diagonal in the spatial basis is received. A compressive sensing reconstruction technique is applied to the sample data to produce a set of inferred original image data. A data processing apparatus is adapted to receive such a sample set of data and apply a compressive sensing reconstruction technique to the sample data to produce a set of inferred original image data. In a preferred embodiment a imaging system uses a color filter array (CFA) wherein colors are randomly or pseudo-randomly arranged over an image sensor. The image is inferred from the sensor data and the CFA pattern using compressive sensing sparse solution search techniques. The inferred image has greater resolution than achievable through current CFA based schemes using a sensor with an identical number of sensor elements.

No. of Pages : 25 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5219/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MAT FIXING CLIP OF VEHICLE

(51) International classification :B60N3/04
(31) Priority Document No :10-2009-0123097
(32) Priority Date :11/12/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/007688
Filing Date :03/11/2010
(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

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(72)**Name of Inventor :**
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(57) Abstract :

Provided is a clip for fixing a mat on a carpet of a vehicle the clip including: a lower plate disposed on a bottom surface of the carpet and includes an insert groove; an upper plate disposed on a top surface of the carpet includes a hook coupled to the inserted groove and includes a projection at a top to which the mat is inserted; a pillar penetrating through a hole of the carpet and connects a rear portion of the lower plate and a rear portion of the upper plate; a first hook formed on a bottom surface of the rear portion of the upper plate; and a second hook formed on a top surface of the rear portion of the lower plate and hooked to the first hook through the hole when the lower plate moves upward toward the upper plate based on the pillar.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5221/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PROTEIN RECOVERY BEVERAGE•

(51) International classification	:A23L2/38
(31) Priority Document No	:61/288,052
(32) Priority Date	:18/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/060511
Filing Date	:15/12/2010
(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

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3)ALI Zeinab

4)VAN DYKE Kelly

5)DAMIN Andrew

(57) Abstract :

A protein rehydration/recovery beverage composition is provided including an aqueous component such as water hydrolyzed protein and sodium acid sulfate and at least one other edible acid. The hydrolyzed protein may be hydrolyzed whey and optionally hydrolyzed collagen. In addition the beverage composition may include at least one carbohydrate such as sucrose and one or more non-nutritive sweeteners. A protein rehydration/recovery beverage composition is provided including an aqueous component hydrolyzed proteins and an acid blend. The acid blend contains a first acid component including at least one of phosphoric acid and citric acid and a second acid component including at least one of tartaric acid fumaric acid malic acid gluconic acid ascorbic acid and lactic acid. Also a method for making a protein recovery beverage composition that has a pH of less than about 4.2. The rehydration/recovery beverage is stable and clean tasting and has a low viscosity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5222/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD FOR PRODUCING PLASTICS USING 1 6-HEXANEDIOL WITH AN ALDEHYDE CONTENT OF LESS THAN 500 PPM•

(51) International classification	:C08G63/16
(31) Priority Document No	:10 2009 047 194.4
(32) Priority Date	:26/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067976
Filing Date	:23/11/2010
(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

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(72)Name of Inventor :

1)PINKOS Rolf

2)KRETZSCHMAR Eva

3)ABILLARD Olivier

4)GEHRINGER Lionel

(57) Abstract :

The present invention relates to a process for preparing plastics using 1 6-hexanediol having an aldehyde content of less than 500 ppm a process for preparing 1 6-hexane-diol having an aldehyde content of less than 500 ppm and also 1 6-hexanediol having an aldehyde content of less than 500 ppm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5223/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MULTI-LAYER STRETCHED FILM

(51) International classification	:G02F1/1335
(31) Priority Document No	:2009-287757
(32) Priority Date	:18/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/073065
Filing Date	:15/12/2010
(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

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3)Tetsuo YOSHIDA

(57) Abstract :

A multi-layer film having excellent polarization performance and a reflection polarization function with which a hue shift of transmitted polarization of diagonally incident light caused by the diagonal angle of incidence cannot be seen. The multi-layer stretched film has 251 or more alternating layers which consist of first layers and second layers, wherein the first layers are made of a polyester which contains (i) 5 to 50 mol% of a naphthoic acid component as a dicarboxylic acid component and (ii) a diol having an alkylene group with 2 to 10 carbon atoms as a diol component; and the second layers are made of a thermoplastic resin having an average refractive index of 1.50 to 1.60 and differences in refractive index among a uniaxial stretching direction, a direction orthogonal to the uniaxial stretching direction and a film thickness direction of 0.05 or less before and after stretching, and the film has specific reflectance characteristics for a P polarization component and an S polarization component.

No. of Pages : 83 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1556/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MULTICORE FPGA BASED PORTABLE TELECARDIAC SYSTEM

(51) International classification	:A61B	(71)Name of Applicant :
	5/00	1)VITTAL THULASI BAI
(31) Priority Document No	:NA	Address of Applicant :NO: 4B, DEV APARMENTS,
(32) Priority Date	:NA	ALWARPET, CHENNAI 600 018 Tamil Nadu India
(33) Name of priority country	:NA	2)VIMALKUMAR KAVYA
(86) International Application No	:NA	3)PUDUPALAYAM MURUGESAN BEULAH
Filing Date	:NA	DEVAMALAR
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VITTAL THULASI BAI
Filing Date	:NA	2)VIMALKUMAR KAVYA
(62) Divisional to Application Number	:NA	3)PUDUPALAYAM MURUGESAN BEULAH
Filing Date	:NA	DEVAMALAR

(57) Abstract :

The system that includes a portable telecardiac device comprises of input interface, preprocessor, arrhythmia detector, memory, decision support system, GSM enabled modem using Field Programmable Gate Array(FPGA) with integrated hardware and software and GPS module that can be used to monitor high risk cardiac patients for detecting any cardiac arrhythmia. The portable device that is carried by the patient continuously acquires and analyses the ECG signals from the high risk cardiac patients who can move around freely. This handheld device, monitors, performs real time analysis with the ECG signal acquired from the patients and sends an alert message as SMS to the mobile phone of the patients care taker and also sends a sample of the ECG as multimedia message (MMS) to the mobile phone of the physician who is incharge of the patient and aids the doctor to know about the fetal condition of the patient. The device also sends an alarm signal to the ambulance centre about the location of the patient so that rescue of the patient is made within golden hour. This system will be able to contribute to improved quality of life for patients by offering easy to use continuous monitoring outside the hospital. The system has advantages such as low power consumption, high integrated level, good stability, convenience to carry around and long usage time. The system achieves most real-time monitoring functionalities in one FPGA chip,

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1557/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A THERMAL OVERLOAD PROTECTION SYSTEM FOR THE STARTER MOTOR OF AN I.C ENGINE

(51) International classification	:H02H 7/00	(71)Name of Applicant : 1)LUCAS-TVS LIMITED
(31) Priority Document No	:NA	Address of Applicant :PADI, CHENNAI 600 050 Tamil Nadu
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DANDAPANI MURALIDHARAN
Filing Date	:NA	2)SHIVAKUMAR VIRUPAKSHAPPA KONNUR
(87) International Publication No	: NA	3)KRISHNAVILASAM RAGHAVAN
(61) Patent of Addition to Application Number	:NA	ANANDAKUMARAN NAIR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A thermal overload protection system for the starter motor of an IC engine comprising means for sensing the temperature at least at one point in the motor circuit, and then for switching OFF the power supply to the motor whenever the temperature sensed rises above a predetermined value, said means not only switching ON the said power supply whenever the temperature sensed falls to or below the said value, but also causing a predetermined time delay interval between every such cessation of the said power supply and its succeeding resumption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4545/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : CLEANING COMPOSITIONS

(51) International classification	:C11D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:NA	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:NA	33427, SAINT PAUL MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LINGUTLA, ANITHA
(87) 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 cleaning composition which acts as a hard water scale remover, rust remover as well as a rust inhibitor. The cleaning composition comprises a balanced combination of one or more organic acids, an inorganic acid, a penetrant, and a surfactant. It may be in the form of an aqueous formulation. In a preferred aspect it is devoid of a corrosion inhibitor. The present invention also provides cleaning compositions in the form of aqueous formulation. The invention further relates to a process of treating hard and corroded surfaces wherein a cleaning composition of the present invention is applied in its neat form or in diluted form, on to said surfaces, then left to act onto said surfaces and then removed by rinsing.

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

(54) Title of the invention : METHOD FOR STRUCTURING A SURFACE BY MEANS OF ION-BEAM ETCHING
STRUCTURED SURFACE AND USES•

(51) International classification :C03C15/00
 (31) Priority Document No :09/05805
 (32) Priority Date :01/12/2009
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2010/052507
 Filing Date :24/11/2010
 (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)SAINT-GOBAIN GLASS FRANCE

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(72)Name of Inventor :

1)SONDERGARD Elin

2)LE ROY Sbastien

3)LETAILLEUR Alban

4)BARTHEL Etienne

5)MAGNE Constance

(57) Abstract :

The invention relates to a process for structuring a surface, i.e. for forming at least one array of irregularities or features (2) that are submicron-size in height H and that have at least one characteristic lateral dimension W, called the width, that is micron- or submicron-size, over an area of a material (1), especially a glass, by ion erosion with an optionally neutralized ion beam, characterized in that it comprises the following steps: - supplying said material with a thickness at least equal to 100 nm, the material being a solid hybrid material that comprises: - a simple oxide or a mixed oxide of one or more elements, the oxide molar percentage in the material being at least 40%, especially between 40 and 94%; and - at least one species, of a different nature to the one or more elements of the oxide, and which is especially a metal, the molar percentage of the one or more species in the material ranging from 6 mol% up to 50 mol% while remaining below the percentage of said oxide, at least most of the species having a largest characteristic dimension smaller than 50 nm, especially said hybrid material being metastable before said erosion, - optionally heating said hybrid material before said erosion; - structuring the surface of said hybrid material with an erosion that lasts less than one hour over an erosion area greater than 1 cm², until said array of features is formed, the structuring operation optionally being accompanied by heating of the hybrid material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5104/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : OSMPT GENE FOR MODIFYING PLANT ARCHITECTURE AND INCREASING YIELD AND USES THEREOF•

(51) International classification	:C12N15/29
(31) Priority Document No	:10-2010-0005803
(32) Priority Date	:22/01/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/009447
Filing Date	:28/12/2010
(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)INDUSTRY-ACADEMIC COOPERATION
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Gyeongsangnam-do 660-701 Republic of Korea
(72)**Name of Inventor :**
1)HAN Chang Deok
2)CHOI Yang Do

(57) Abstract :

The present invention relates to OsMPT (Oryza sativa Modifier of Plant Type) protein derived from rice (Oryza sativa) for modifying tiller angle or an angle between a stem and leaf attachment a gene encoding the protein a recombinant plant expression vector comprising the gene a plant transformed with the recombinant plant expression vector a method for modifying plant architecture by controlling the cellular level of the gene a method for producing a plant with modified architecture and a plant with increased yield by transforming a plant with the gene a plant with increased yield produced by the method and a composition comprising the gene for modifying plant architecture and increasing yield.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5105/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POROUS SINTERED PULP MOULD COMPRISING A PARTIALLY MACHINED FLAT BOTOM SURFACE

(51) International classification	:D21J3/00
(31) Priority Document No	:0950862-3
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/051248
Filing Date	:12/11/2010
(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)PAKIT International Trading Company Inc.
Address of Applicant :The Business Centre Upton Saint Michael 11103/BB Barbados
(72)**Name of Inventor :**
1)NILSSON Bjrn
2)B...SKMAN Leif
3)SHAND John

(57) Abstract :

Pulp mould comprising a porous sintered body (11) having an outer surface (13) and an inner surface (12) wherein a limited area (14) of said inner surface (12) is machined providing a machined surface (14) surrounding an unmachined portion of said inner surface (12).

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5106/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : CELLULOSIC PULP MOULD COMPRISING AN IMPERMEABLE OUTER SURFACE

(51) International classification	:D21J3/00
(31) Priority Document No	:0950861-5
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/051250
Filing Date	:12/11/2010
(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)PAKIT International Trading Company Inc

Address of Applicant :The Business Centre Upton Saint

Michael 11103/BB Barbados

(72)Name of Inventor :

1)NILSSON Bjrn

2)B...SKMAN Leif

3)SHAND John

(57) Abstract :

A pulp mould comprising a porous sintered body (11) having an outer surface (13) and an inner surface (12) wherein a portion (11B) of said mould comprises an area (16) at its outer periphery provided with means (16A; 47) integrated during sintering to achieve impermeability of said outer area (16).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5107/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PULP MOULD COMPRISING HEATING ELEMENT WITH SINTERED NECKS

(51) International classification :D21J3/00
(31) Priority Document No :0950860-7
(32) Priority Date :13/11/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/051247
Filing Date :12/11/2010
(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)PAKIT International Trading Company Inc.
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(72)Name of Inventor :
1)NILSSON Bjrn
2)B...SKMAN Leif
3)SHAND John

(57) Abstract :

A pulp mould comprising a porous sintered body (11) having a permeable moulding outer surface (13) and an inner permeable surface (12) wherein a heating device (4) is arranged within said sintered body (11) and wherein said body (11) preferably is arranged on a base plate (50) wherein said heating device (40) is integrally arranged within said sintered body (11) by means of sintering necks adjoining the heating device (40) with the sintered body (11).

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5260/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : THERAPEUTIC APPARATUS

(51) International classification	:A61N7/02
(31) Priority Document No	:61/290265
(32) Priority Date	:28/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055976
Filing Date	:21/12/2010
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
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(72)Name of Inventor :
1)VAHALA Erkki Tapani
2)SOKKA Shunmugavelu
3)KOSKELA Ilpo Asko Julius
4)KOHLER Max Oskar

(57) Abstract :

A therapeutic apparatus comprising a high intensity focused ultrasound system (302) for sonicating a sonication volume (324) of a subject (320). The therapeutic apparatus further comprises a magnetic resonance imaging system (300) for acquiring magnetic resonance thermometry data (350) within an imaging volume (316). The sonication volume is within the imaging volume. The therapeutic apparatus further comprises a controller (304) for controlling the therapeutic apparatus. The treatment plan comprises instructions for controlling the operation of the high intensity focused ultrasound system. The controller is adapted for sonicating (100) the target volume using the high intensity focused ultrasound system. The controller is adapted for repeatedly acquiring (102) magnetic resonance thermometry data using the magnetic resonance imaging system during execution of the treatment plan. The controller is adapted for modifying (104) the treatment plan during execution of the treatment plan using the magnetic resonance thermometry data.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5108/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A CHEMICAL MECHANICAL POLISHING (CMP) COMPOSITION COMPRISING INORGANIC PARTICLES AND POLYMER PARTICLES

(51) International classification	:C09G1/02
(31) Priority Document No	:61/260,873
(32) Priority Date	:13/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055101
Filing Date	:10/11/2010
(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)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)LAUTER Michael

2)RAMAN Vijay Immanuel

3)LI Yuzhuo

4)VENKATARAMAN Shyam Sundar

5)SHEN Daniel Kwo-Hung

(57) Abstract :

A chemical mechanical polishing (CMP) composition comprising (A) at least one type of inorganic particles which are dispersed in the liquid medium (C) (B) at least one type of polymer particles which are dispersed in the liquid medium (C) a liquid medium wherein the zeta-potential of the inorganic particles (A) in the liquid medium (C) and the zeta-potential of the polymer particles in the liquid medium (C) are of same signs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5109/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : BASE PLATE FOR PULP MOULDS

(51) International classification :D21J3/00
(31) Priority Document No :0950863-1
(32) Priority Date :13/11/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/051251
Filing Date :12/11/2010
(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)PAKIT International Trading Company Inc.
Address of Applicant :The Business Centre Upton Saint Michael 11103/BB Barbados
(72)**Name of Inventor :**
1)NILSSON Bjrn
2)B...SKMAN Leif
3)SHAND John

(57) Abstract :

The application discloses a base plate comprising a rigid body portion (50) means (51 52TM 52•) arranged within the rigid body portion (50) to enable vacuum to be applied. The vacuum means comprise an open space (51) in the form of a centrally positioned recess forming a vacuum chamber (51) within the rigid body portion (50) and at least one connecting channel portion (52TM 52•) that extends in the main plane of the rigid body portion (50) arranged to connect the vacuum chamber (51) with a vacuum source (52). An assembly comprising the base plate and a pulp mould as well as methods for producing the base plate

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5110/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : TWO-TERMINAL VARIABLE CAPACITANCE MEMS DEVICE

(51) International classification	:H01G5/16
(31) Priority Document No	:12/642,421
(32) Priority Date	:18/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/059512
Filing Date	:08/12/2010
(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 MEMS Technologies Inc.
Address of Applicant :5775 Morehouse Drive San Diego
California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)LAN Je-Hsiung
2)GOUSEV Evgeni
3)OZAKI Ernest Tadashi

(57) Abstract :

A two-terminal variable capacitance device is described that is constructed by connecting multiple MEMS devices having different actuation or pull in voltages in parallel.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5111/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : CROSS - CARRIER SIGNALING IN A MULTI - CARRIER SYSTEM

(51) International classification :H04L5/00
(31) Priority Document No :61/290,724
(32) Priority Date :29/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/062053
Filing Date :23/12/2010
(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

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5775 Morehouse Drive San Diego California 92121-1714
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(72)Name of Inventor :
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2)DAMNJANOVIC Jelena M.
3)GAAL Peter
4)MONTJOJO Juan
5)DAMNJANOVIC Aleksandar

(57) Abstract :

Techniques for supporting fallback operation in a multi-carrier communication system are described. In one aspect a UE may determine at least one first downlink control information (DCI) format to monitor on a first carrier. The UE may monitor for the first DCI format(s) on the first carrier to detect DCI sent to the UE. The UE may receive a reconfiguration message related to communication on a plurality of carriers by the UE with cross-carrier signaling and may determine at least one second DCI format to monitor on the first carrier based on the reconfiguration message. The UE may monitor for the first DCI format(s) and the second DCI format(s) on the first carrier after receiving the reconfiguration message.

No. of Pages : 57 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5112/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : WIRELESS COMMUNICATION CHANNEL BLANKING

(51) International classification	:H04L5/00
(31) Priority Document No	:12/642,535
(32) Priority Date	:18/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/024176
Filing Date	:12/02/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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1)KHANDEKAR Aamod D.
2)PALANKI Ravi
3)AGRAWAL Avneesh

(57) Abstract :

Systems and methodologies are described that facilitate blanking on portions of bandwidth such as a subset of interlaces utilized by communicating devices that are dominantly interfered by a disparate device in wireless communications networks. The portions of bandwidth can relate to critical data such as control data and one or more of the communicating devices can request that the dominantly interfering device blank on one or more of the portions. The communicating devices can subsequently transmit data over the blanked portions free of the dominant interference. Additionally the dominantly interfering device can request reciprocal blanking from the one or more communicating devices.

No. of Pages : 60 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5270/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MICROCRYSTALLINE CELLULOSE AND CALCIUM CARBONATE COMPOSITIONS USEFUL AS RECOMPACTIBLE PHARMACEUTICAL EXCIPIENTS

(51) International classification	:A61K47/38
(31) Priority Document No	:61/289,061
(32) Priority Date	:22/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/059403
Filing Date	:08/12/2010
(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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Address of Applicant :1735 Market Street Philadelphia
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(72)Name of Inventor :

1)THOORENS Gregory

2)LECLERCQ Bruno

3)RUSZKAY Thomas

(57) Abstract :

Coprocessed compositions containing microcrystalline cellulose and calcium carbonate wherein the weight ratio of microcrystalline cellulose to calcium carbonate is relatively high are useful as excipients in the preparation of solid dosage forms containing active pharmaceutical ingredients particularly those prepared by processes involving multiple compaction steps. Such compositions may be obtained for example by preparing aqueous slurries or wet masses of microcrystalline cellulose and calcium carbonate and drying such slurries or wet masses to produce particulate products. The coprocessed products exhibit improved recompactibility as compared to coprocessed products having lower microcrystalline cellulose:calcium carbonate weight ratios or as compared to physical dry blends of the two excipients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1618/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : IMPROVED HEALD FRAME MOVEMENT IN WEAVING MACHINES

(51) International classification	:D03D 51/00	(71)Name of Applicant : 1)MANIKAM RAMASWAMI
(31) Priority Document No	:NA	Address of Applicant :NO. 5, SATHYA NARAYANA
(32) Priority Date	:NA	AVENUE, BOATS CLUB ROAD, R.A. PURAM, CHENNAI -
(33) Name of priority country	:NA	600 028 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANIKAM RAMASWAMI
(87) 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 heald frames movement using a modified cam mechanism in weaving machines. The modified cam mechanism having at least two protrusions for lifting the heald frames such that shed formed between plurality of warp yarns for passage of the weft carrier on a weaving loom remains in lower to middle region of the shed during beating up operation. During beating up operation at pre-determined angle of the modified cam, the warp yarns are loaded equally and oscillating backrest is synchronized to take up difference in length of warp yarns as the heald frame moves irrespective of the weave. Further, the present invention relates to an improvement in the weave ability of yarns with near zero elasticity at high speeds without creating high peak tensions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5252/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : TUBULAR THERMAL SWITCH FOR THE CRYO-FREE MAGNET

(51) International classification	:F25B9/10
(31) Priority Document No	:61/290270
(32) Priority Date	:28/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055635
Filing Date	:07/12/2010
(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

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1)ACKERMANN Robert A.
2)MENTEUR Philippe A.

(57) Abstract :

When cooling a superconducting magnet for use in a magnetic resonance imaging (MRI) device a two-stage cryocooler (42) employs a first stage cooler (52) to cool a working gas (e.g. Helium Hydrogen etc.) to approximately 25 K. The working gas moves through a tubing system by convection until the magnet (20) is at approximately 25K. Once the magnet (20) reaches 25 K gas flow stops and a second stage cooler (54) cools the magnet (20) further to about 4 K.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5253/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SENSOR SYSTEM

(51) International classification	:A61B5/11
(31) Priority Document No	:09180060.7
(32) Priority Date	:21/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055855
Filing Date	:16/12/2010
(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

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(72)**Name of Inventor :**
1)BRUEKERS Alphons Antonius Maria Lamertus
2)BREEBAART Dirk Jeroen
3)BOUGHORBEL Sabri

(57) Abstract :

The invention relates to a sensor system comprising a sensor array the sensor array comprising a substrate layer and a plurality of individual first sensor elements for measuring a desired parameter which first sensor elements are arranged on said substrate layer and define a sensor plane wherein the sensor array further comprises one or more second sensor elements for measuring a further desired parameter wherein the sensor system is configured to process sensor data from the first sensor elements in dependency of sensor data from the one or more second sensor elements and wherein the sensor system is configured to use the sensor data from the one or more second sensor elements for determining which sensor data from the first sensor elements is ignored.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5254/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : IMAGING APPARATUS ELECTRONIC ASSISTANT

(51) International classification :G06F19/00
(31) Priority Document No :61/288473
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055631
Filing Date :07/12/2010
(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

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(72)Name of Inventor :
1)POPILOCK Robert
2)WALKER Matthew J.

(57) Abstract :

A method includes presenting via a display (118) of an imaging apparatus (100) information for a person interacting with the imaging apparatus. A system includes an imaging apparatus (100) with a patient examination region (106) and a display (118) for presenting information a console (116) that controls an operation of the imaging apparatus (101) and an electronic assistant (120) that selects one or more programs from pre-recorded electronic media (210) stored in an electronic media library (208) wherein the one or more programs are presented via the display (118).

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5255/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : BONE SUPPRESSION IN X-RAY RADIOGRAMS

(51) International classification	:G06T7/00
(31) Priority Document No	:09180414.6
(32) Priority Date	:22/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055876
Filing Date	:16/12/2010
(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

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(72)**Name of Inventor :**
1)VON BERG Jens
2)NEITZEL Ulrich

(57) Abstract :

The invention relates to a system (100) for extracting an object (Ob) from a source image, said object being delineated by a contour (C), the system (100) comprising a gradient unit (110) for computing the source image gradient field, based on the source image, a smoothing unit (120) for smoothing the source image gradient field, and an integration unit (130) for calculating an object image by integrating the smoothed source image gradient field, thereby extracting the object (Ob) from the source image. At each point of the source image, the smoothing is defined by a 2-dimensional convolution kernel which is a product of a first 1-dimensional convolution kernel in the first direction substantially parallel to the contour (C), and a second 1-dimensional convolution kernel in the second direction substantially normal to the contour (C). The first 1-dimensional convolution kernel defines smoothing within each region separated by the contour, while the second 1-dimensional convolution kernel defines smoothing across the contour separating two regions, independently of the orientation of the object and the contour curvature.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5276/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : IMAGE-CAPTURING APPARATUS CONTROL METHOD FOR IMAGE-CAPTURING APPARATUS AND PROGRAM

(51) International classification	:H04N5/225
(31) Priority Document No	:2009-296064
(32) Priority Date	:25/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067263
Filing Date	:01/10/2010
(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

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2)SHUJI OKEGAWA
3)KEIJI OSANO
4)YOSHIHIKO NISHIMURA

(57) Abstract :

Enabling an ordinary image-capturing apparatus to achieve all-around image-capturing without having a user to perform particularly difficult setting operation. There is provided an image-capturing apparatus including, an image-capturing unit capable of detachably attaching an adapter having an all-around image-capturing optical system for capturing an image of a subject all around the image-capturing apparatus, and having an image-capturing optical system being for capturing a subject in one direction, and an image-capturing device for capturing a subject image incident from the image -capturing optical system, an attachment detection unit for detecting whether or not the adapter is attached to the image -capturing unit, and a control unit for controlling settings of the image -capturing apparatus in accordance with a characteristic of the all-around image-capturing optical system when the adapter is attached to the image -capturing unit.

No. of Pages : 82 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5277/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : VISUALIZATION GUIDED ACL LOCALIZATION SYSTEM

(51) International classification :A61B19/00

(31) Priority Document No :61/286,170

(32) Priority Date :14/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/060256

Filing Date :14/12/2010

(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

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2)CHARLES H. BROWN

3)CARLOS RODRIGUEZ

(57) Abstract :

A computerized system provides assistance for placement of localization markers for medical operations such as ACL repair procedures. The system displays, on a graphical user interface, an image of an anatomical structure and allows identification, via an input device on the graphical user interface, of a set of landmark locations identifying respective anatomical positions within the displayed image of the anatomical structure. The system displays a graphical overlay over the image of the anatomical structure. Placement of the graphical overlay is based on the set of landmark locations. The system displays at least one localization marker within the graphical overlay. The localization marker(s) identify a location for performing a surgical operation associated with the anatomical structure, such as ACL repair surgical operations.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5278/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : APPARATUS AND METHOD FOR SCALABLE POWER DISTRIBUTION

(51) International classification :H01R25/14

(31) Priority Document No :12/630,503

(32) Priority Date :03/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/058658

Filing Date :02/12/2010

(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

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(72)Name of Inventor :

1)SPITAEELS James S.

2)JANSMA Michael

3)JOHNSON Patrick Riley

4)ZIEGLER William

(57) Abstract :

In one aspect, the invention provides a system for power distribution. According to some embodiments, the system includes a rack mountable power distribution unit including a housing having a first end and a second end, the housing also including an outer wall defining a cavity within the housing, and fastening elements configured to allow the housing to be mounted within an electrical equipment rack. In accordance with these embodiments, the outer wall of the housing includes an opening extending linearly between the first end and the second end of the housing and a plurality of electrical conductors located within the cavity and oriented linearly between the first end and the second end. In accordance with further embodiments, the system includes a tap module including a plurality of contacts extending therefrom wherein each of the plurality of contacts is configured to be inserted into the opening before engaging one of the plurality of electrical conductors within the cavity, respectively.

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5279/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : AUTHENTICATION SYSTEM METHOD AND DEVICE

(51) International classification :H04W12/06
(31) Priority Document No :200910238579.4
(32) Priority Date :26/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/001907
Filing Date :26/11/2010
(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

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(72)**Name of Inventor :**
1)LIU Lijun
2)YANG Bo
3)LU Xiaoming
4)PENG Huaxi
5)WANG Jing

(57) Abstract :

An authentication system, method and device are provided in the present application. The authentication system includes an Application Server (AS) for providing non Internet protocol Multimedia Subsystem (IMS) service, an authentication gateway and an IMS terminal. The AS forwards a connection request message sent by the IMS terminal to said authentication gateway, the authentication gateway sends a obtained first random number to said IMS terminal through the AS, the IMS terminal generates a first Response (RES) value according to the first random number and sends the generated first RES value to the authentication gateway through the AS, and if the received first response value and an obtained Expected Response (XRES) value is found coincident after being compared by the authentication gateway, the authentication gateway determines that the authentication to the IMS terminal is passed, and indicates the AS to provide non IMS service for the IMS terminal. By using the technical solutions of the present application, solved is the problem existed in prior art that non IMS AS needs to authenticate each of IMS terminals respectively for obtaining non IMS service and thus reducing the service processing efficiency of the AS.

No. of Pages : 61 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5261/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SUBJECT INTERFACE APPLIANCE AND METHOD FOR DELIVERING A BREATHABLE SUBSTANCE TO A SUBJECT WHILE OBTAINING GAS SAMPLES FROM THE AIRWAY OF THE SUBJECT

(51) International classification	:A61M16/06
(31) Priority Document No	:61/290404
(32) Priority Date	:28/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055753
Filing Date	:10/12/2010
(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

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(72)**Name of Inventor :**
1)ORR Joseph Allen
2)HOEHNE Soeren

(57) Abstract :

A subject interface appliance configured to deliver a breathable substance to a subject. The subject interface appliance includes a primary interface configured to deliver a breathable substance to the subject and a secondary interface configured to obtain gas samples from the airway of the subject. The secondary interface is resiliently held at a default position with respect to the primary interface. The default position is located such that installation of the primary and secondary interfaces on the subject results in the application of a bias force to the secondary interface that holds the secondary interface in place.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5262/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : GAS MEASUREMENT MODULE FOR USE IN THERAPEUTIC SETTINGS HAVING A MICROSPECTROMETER WITH A SHORTENED OPTICAL PATH

(51) International classification	:A61B5/083
(31) Priority Document No	:61/290556
(32) Priority Date	:29/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/056085
Filing Date	:27/12/2010
(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

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(72)**Name of Inventor :**
1)RUSSELL James T.

(57) Abstract :

Gas within a ventilation circuit is analyzed by a spectrometer included in gas measurement module that is inserted into the respiratory circuit. The optical path length of the spectrometer is reduced. This includes removing optical components configured to collimate or focus electromagnetic radiation within the spectrometer. However path length of the spectrometer is reduced to the point that other enhancements associated with path length reduction outweigh losses to precision and/or accuracy caused by beam expansion in the spectrometer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5263/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING DEAD SPACE FRACTION IN AN ONGOING MANNER FROM INTERMITTENT BLOOD GAS SAMPLES

(51) International classification :A61B5/08
(31) Priority Document No :61/290648
(32) Priority Date :29/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/056086
Filing Date :27/12/2010
(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

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1)BREWER Lara
2)ORR Joseph Allen

(57) Abstract :

A system is configured to monitor the dead space fraction of a subject in a substantially ongoing manner rather than only updating the dead space fraction of the subject if one or more blood gas parameters of the subject are measured. This may facilitate enhanced control over respiratory therapy being provided to the subject may inform decisions about care of the subject and/or may provide other enhancements.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5264/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING VALID BREATHS FROM A CAPNOMETRY SIGNAL

(51) International classification :A61B5/083

(31) Priority Document No :61/290539

(32) Priority Date :29/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/056096

Filing Date :28/12/2010

(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

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(57) Abstract :

Based on a capnometry signal one or more breathing parameters of a subject are determined that require valid breaths by the subject to be distinguished from anatomical events that cause the CO₂ content of gas at or near the airway of the subject to fluctuate. To improve the accuracy of one or more of these determinations gas at or near the airway of the subject is diluted.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5266/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SMOKING ARTICLE COMPONENT

(51) International classification	:A24D3/06
(31) Priority Document No	:0921930.4
(32) Priority Date	:16/12/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/068527
Filing Date	:30/11/2010
(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

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1)RICHARDSON John

(57) Abstract :

A smoking article component comprising a viscoelastic material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5267/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DEACTIVATION-RESISTANT CATALYST FOR SELECTIVE CATALYTIC REDUCTION OF NOX

(51) International classification :B01J21/06
(31) Priority Document No :09179933.8
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070087
Filing Date :17/12/2010
(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

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2)CASTELLINO Francesco
3)RAMS Per Donskov
4)PEDERSEN Jannik Blaabjerg
5)PUTLURU Siva Sankar Reddy

(57) Abstract :

The present invention relates to a catalyst for selective catalytic reduction of NO in alkali metal containing flue gas using ammonia as reductant the catalyst comprising a surface with catalytically active sites. wherein the outface is at least partly coated with a coating comprising at least one metal oxide. In another aspect the present invention relates to the use of said catalyst and to a method of predating said catalyst In addition the present invention relates to a method at treating an catalyst for conferring thereon on improved resistance to alkali poisoning.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5271/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : AUTOMATIC CONFIGURATION CONTROL OF A DEVICE

(51) International classification :B64C3/18
(31) Priority Document No :61/264,587
(32) Priority Date :25/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058020
Filing Date :24/11/2010
(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

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2)Marc L. SCHMALZEL
3)Steven CHAMBERS
4)Justin B. MCALLISTER

(57) Abstract :

Methods (160) systems (200) and devices (110) for determining system/device configuration and setting a mode of operation based on the determined configuration. An air vehicle processor (110): (a) receives a component information (14) set of at least one external component; (b) determine a mode of operation (110) by the processor having a current mode of operation setting based on the received component information and at least one of: an initial mode of operation setting and the current mode of operation setting (162); (c) determines whether all of the one or more received component information sets match a configuration requirement (163); (d) transitions to a flight-ready status if the determination is a conjunctive match (166); and (e) transition to a reset status if the determination is not a conjunctive match (164).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5272/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : AIRCRAFT GROUNDING SYSTEM

(51) International classification	:B64D1/16
(31) Priority Document No	:61/264,220
(32) Priority Date	:24/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057984
Filing Date	:24/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
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5)Karl R. KLINGEBIEL

6)Tyson R. JENSEN

7)Pavel BELIK

8)Eric James AAGAARD

(57) Abstract :

Liquid dispensing assemblies including adhesive anchoring assemblies configured to adhere to a support surface external to a device such as a vehicle. An air vehicle (310) includes (a) a fluid adhesive container assembly (1010) detachably attached to the air vehicle (310) wherein the fluid adhesive container assembly (1010) comprises: (i) an adhesive container (340 1010) comprising fluid adhesive (1012); and (ii) one or more fibers (350) wherein the one or more fibers are configured or a brush of fibers (1040) or a fabric of fibers is configured to conduct the fluid adhesive and to structurally support an adhesive bond between the one or more fibers and a surface (370); and (b) means for dispensing (330 1022 1023) the fluid adhesive from the fluid adhesive container (340) to the one or more fibers (350).

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5273/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SERVICE MAINTENANCE METHOD AND SYSTEM IN AN INTELLIGENT OPTICAL NETWORK

(51) International classification :H04L12/24
(31) Priority Document No :200910266861.3
(32) Priority Date :31/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/071504
Filing Date :01/04/2010
(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

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1)Jianxin XU

(57) Abstract :

The present invention relates to the ASON technical field, and provides a method and system for service maintenance in an intelligent optical network. When a certain section of optical fiber link is needed to be maintained in the network, a network management issues a link maintenance command to nodes at both ends of the link; after receiving the link maintenance command, the node firstly inquires services on the link, locates head nodes of the services through service tags, and transmits the link maintenance command to different head nodes; and the head nodes initiate the service maintenance. By transmitting the link maintenance command to different head nodes, the various head nodes automatically initiate the maintenance command in turn, and thereby all services on the link are maintained, the complexity of the current link maintenance is avoided, and the maintenance of all the services can be completed automatically by way of only needing the network management to issue the link maintenance command, which solves one bottleneck of the current batch service maintenance and improves the work efficiency.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5274/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DISTRIBUTOR ROLLERS

(51) International classification	:B41N7/00
(31) Priority Document No	:09178216.9
(32) Priority Date	:07/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/069046
Filing Date	:07/12/2010
(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

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(72)Name of Inventor :

1)BARTSCHER GERHARD

2)ZETTL UWE

3)ANSORGE HENDRIK

4)GROE SILKE

5)FRINGS BIRGIT

(57) Abstract :

The present disclosure provides a method of obtaining a uniform ink film in offset printing wherein the ink is transported between distributor rollers and ink rollers wherein at least one ink roller is obtainable by a process comprising the steps of: providing a roller core; applying a liquid coating composition based on a polyimide or po-lyamide-imide prepolymer with a layer thickness of 1 to 1000 µm; and solidifying the liquid coating composition on the roller core.

No. of Pages : 12 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5154/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : FINE PARTICLE CROSCARMELOSE AND USES THEREOF

(51) International classification	:A61K9/16
(31) Priority Document No	:61/289,048
(32) Priority Date	:22/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/060749
Filing Date	:16/12/2010
(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

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Pennsylvania 19103 United States of America.

(72)Name of Inventor :

1)ZHANG Yeli

(57) Abstract :

The disclosure is directed to fine particle croscarmellose and its use in various compositions such as solid dosage forms. More specifically the present disclosure relates to fine particle croscarmellose having a median particle size of 5 μm to 36 μm and a volume mean diameter of 40 μm or less. The specific surface area is typically 0.3 m²/g or more. The fine particle croscarmellose is useful as a disintegrant.

No. of Pages : 44 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5155/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : CLUTCH ACTUATOR

(51) International classification :F16D28/00
(31) Priority Document No :2009-263939
(32) Priority Date :19/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/069937
Filing Date :09/11/2010
(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

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(72)Name of Inventor :
1)Yasuhiro NAKANE
2)Kyosuke MORI
3)Hiroyuki NAGASAKA
4)Masahiro YOSHIDA

(57) Abstract :

A clutch actuator capable of reducing load on a power source includes a power source and a cam rotated by rotational power transmitted from the power source. The cam has on its outer peripheral surface a cam surface whose distance from an axis of rotation varies. The clutch actuator also includes an output rod slidably supported by a predetermined member such as housing. The output rod performs a stroke movement along with rotation of the cam for engaging/ disengaging the clutch by the stroke movement. The axis of rotation of the cam is arranged on an extended line of a center axis of the output rod

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5156/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POWER FEED SYSTEM FOR ELECTRIC VEHICLE

(51) International classification :H02J7/00
(31) Priority Document No :2009-289706
(32) Priority Date :21/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073842
Filing Date :20/12/2010
(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

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(72)**Name of Inventor :**
1)Satoru UENO

(57) Abstract :

A control device 3 is configured to generate a switching signal for changing the operation of the bidirectional power feeding device 2 to either a charging operation or a feeding operation based on both power supplied from a DC power supply and power required for a distribution circuit 10 side. A bidirectional power feeding device 2 comprises: a control part 23 configured, based on the switching signal, to make the electric vehicle 60 change its operation to either a charging operation for charging the battery 62 or a feeding operation for supplying the DC distribution board 1 with DC power discharged from the battery 62; a DC-DC converter 21 configured to convert the voltage value of DC power from the DC distribution board 1 and to supply to the battery 62 of the electric vehicle 60; and a DC-DC converter 22 configured to convert the voltage value of DC power from the battery 62 of the electric vehicle 60 to supply to the DC distribution board 1.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5326/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : WINDSCREEN-WIPER BLADE AND DEVICE FOR WIPING AND WASHING A GLAZED SURFACE OF A MOTOR VEHICLE AND CORRESPONDING WIPING AND WASHING METHOD

(51) International classification	:B60S1/52
(31) Priority Document No	:0958273
(32) Priority Date	:23/11/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052484
Filing Date	:22/11/2010
(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

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(72)**Name of Inventor :**
1)JEUFFE Grard
2)HAMZA Brahim
3)ISSARTEL Jean-Michel
4)BOUGUERRA Akim Driss
5)EMAILLE Rodolphe

(57) Abstract :

The invention relates to a windscreen wiper blade (1) of a motor vehicle which comprises: an elongate flexible strip (6); a conduit outlet (23) arranged such as to be able to spray a jet of liquid in substantially the longitudinal direction of the strip (6); characterized in that the conduit outlet (23) is offset on the side of the flexible strip (6) relative to the longitudinal median plane of the flexible strip (6)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5327/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : FOAM DISPENSING APPARATUS

(51) International classification	:B29B7/74
(31) Priority Document No	:61/263,718
(32) Priority Date	:23/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/067929
Filing Date	:22/11/2010
(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)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)SWAB John

2)DUNLAP Matthew

3)ROWAND William

(57) Abstract :

A foam dispensing apparatus is capable of dispensing a mixture of a resin component and an isocyanate component. The foam dispensing apparatus includes a resin line and an isocyanate line connected to a manifold. A nozzle is connected to the manifold and the mixture is dispensed through the nozzle. The manifold defines a resin duct in communication with the resin line and the nozzle and an isocyanate duct in communication with the isocyanate line and the nozzle. At least one valve is connected to the resin and isocyanate lines and is moveable between an open position allowing flow through the resin and isocyanate lines and a closed position preventing flow through the resin and isocyanate lines. The valve is disposed exterior to the manifold and the flow is unregulated in the manifold for reducing maintenance of the manifold.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5024/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : TRANSGENIC PLANT MALE STERILITY•

(51) International classification :C12N15/82
(31) Priority Document No :2009905527
(32) Priority Date :11/11/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/001503
Filing Date :11/11/2010
(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)PARISH Roger W.
2)LI Song Feng

(57) Abstract :

The invention relates to a reversible transgenic plant male sterility system wherein the male sterility is induced by amiRNA and a reversible transgenic plant male sterility system comprising a male sterility construct comprising an isolated nucleic acid encoding a precursor amiRNA encoding an amiRNA targeted to a gene involved in pollen development and a male fertility restorer construct comprising an isolated nucleic acid encoding a mutated copy of the gene involved in pollen development or multiple copies of said gene involved in pollen development or a single copy of said gene involved in pollen development under the control of a strong promoter.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5025/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : THE USE OF AN L3 AND/OR L5 SOURCE AS A VACCINE OR AS A DIAGNOSTIC FOR A PARASITIC DISEASE•

(51) International classification	:C07K14/44
(31) Priority Document No	:09175929.0
(32) Priority Date	:13/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067380
Filing Date	:12/11/2010
(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)ALONSO - BEDATE Carlos

2)SOTO - ALVAREZ Manuel

3)RAMIREZ GARCIA Laura

(57) Abstract :

The invention relates to composition comprising an L3 and/or an L5 source and optionally an adjuvant for the preparation of a medicine for the treatment or prevention of a parasitic disease and to its diagnostic use of said parasitic disease.

No. of Pages : 88 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5186/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SMALL PYRIMIDINE DERIVATIVES AND METHODS OF USE THEREOF

(51) International classification :A61K31/497

(31) Priority Document No :61/265,085

(32) Priority Date :30/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/003070

Filing Date :30/11/2010

(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

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Address of Applicant :2 Holzman Street Weizmann Science
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1)OMRI EREZ

2)PHILIPPE NAKACHE

(57) Abstract :

Provided are pyrimidine derivatives which are ubiquitination inhibitors that inhibit the ubiquitin ligase activity particularly of POSH polypeptides and are useful for the treatment of cancer angiogenesis disorders and inflammatory disorders

No. of Pages : 74 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5187/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MANUFACTURING A SECURITY DOCUMENT COMPRISING A LENTICULAR ARRAY AND BLURRED PIXEL TRACKS

(51) International classification	:G02B27/06
(31) Priority Document No	:12/641,671
(32) Priority Date	:18/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/NL2010/050850
Filing Date	:15/12/2010
(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)JAN VAN DEN BERG

(57) Abstract :

This invention relates to method of manufacturing a display device, in particular a security document, comprising steps of providing m images of an object, wherein m is atleast equal to 2, dividing each image into n sets adjacent arrays (11,1,11,2...11,n),..., (1m1,1m2,...1mn) of picture elements, spaced at mutual distance , applying the images in an interlaced manner on an image layer in sets of interlaced arrays (111,121...1m1),..., (11n,12n...1mn) below lens structure comprising line-shaped lens elements over the image layer with one line shaped lens element overlying a corresponding set of adjacent arrays, wherein upon applying the arrays onto image layer, and/or upon providing lens elements, each array of picture elements is provided onto image layer in an out of focus manner to form blurred array or each array is imaged by lens elements to form a blurred array, wherein mutual distance of edges of adjacent blurred arrays is smaller than mutual distance .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5188/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : AFTERTASTE MASKING

(51) International classification :A23L1/236

(31) Priority Document No :61/286,577

(32) Priority Date :15/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2010/069622

Filing Date :14/12/2010

(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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2)GRAY Kimberley

3)POTINENI Rajesh Venkata

4)VAN OMMEREN Esther

(57) Abstract :

A method of masking a bitter aftertaste experienced in the consumption of a consumable composition including the addition to the composition of a masking quantity of choline chloride. The proportion required is considerably less than the proportion of choline chloride used as a dietary supplement.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5351/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : WINDSCREEN-WIPER BLADE HAVING A BUILT-IN WASHING LIQUID CONDUIT

(51) International classification :B60S1/52
(31) Priority Document No :0958272
(32) Priority Date :23/11/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052483
Filing Date :22/11/2010
(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

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3)ISSARTEL Jean-Michel
4)BOUGUERRA Akim Driss
5)EMAILLE Rodolphe

(57) Abstract :

The invention relates to a windscreen-wiper blade (1) of a motor vehicle comprising an elongate flexible strip (6) characterized in that at least one end of the strip (6) is covered by a cap (19) with a built-in-conduit (23) provided with a nozzle (24) offset on the side of the flexible strip (6) relative to the longitudinal median plane of said flexible strip (6).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5140/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PHASE CONTRAST IMAGING

(51) International classification	:A61B6/00
(31) Priority Document No	:09178701.0
(32) Priority Date	:10/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/055561
Filing Date	:03/12/2010
(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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2)ENGEL Klaus J.
3)VOGTMEIER Gereon
4)KOEHLER Thomas
5)ROESSL Ewald

(57) Abstract :

X-ray devices for Phase Contrast Imaging (PCI) are often built up with the help of gratings. For large field-of-views (FOV) production cost and complexity of these gratings could increase significantly as they need to have a focused geometry. Instead of a pure PCI with a large FOV this invention suggests to combine a traditional absorption X-ray imaging system with large-FOV with an insertable low-cost PCI system with small-FOV. The invention supports the user to direct the PCI system with reduced FOV to a region that he regards as most interesting for performing a PCI scan thus eliminating X-ray dose exposure for scanning regions not interesting for a radiologist. The PCI scan may be generated on the basis of local tomography.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5301/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : COMPOSITION SUITABLE FOR USE AS A CROSS-LINKING MASTERBATCH INCLUDING A FUNCTIONAL POLYOLEFIN•

(51) International classification	:C08F255/02
(31) Priority Document No	:09/58,622
(32) Priority Date	:03/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052499
Filing Date	:24/11/2010
(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

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(72)Name of Inventor :

1)DEVISME Samuel

2)CORFIAS-ZUCCALLI Catherine

(57) Abstract :

The present invention relates to a composition including a mixture of a cross-linking agent and a first polyolefin including a functional monomer (X) selected from among unsaturated carboxylic diacid or carboxylic acid anhydrides the unsaturated carboxylic acids and the unsaturated epoxides being suitable for cross-linking with a second polyolefin in order to form an assembly (22) adhered to a substrate (24) said assembly (22) and the substrate (24) forming an integral structure having two separate layers (22 24) characterised in that the amount of cross-linking agent is no lower than 5% of the total weight of the composition. Said masterbatch enables even in the absence of silanes cross-linking of polymers in particular polyolefins in order to increase the adhesive capacity thereof to substrates such as polymers metals metal oxides or silicon. Said masterbatch can be used in particular for encapsulating photovoltaic cells.

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3836/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : HELMET AS IGNITION LOCK FOR AUTOMOBILES AND A METHOD OF OPERATION THEREOF

(51) International classification

:F02P

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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4)RAJESH SAINI

(72)Name of Inventor :

1)S M ARTHI

2)S VINOTHA

3)D. LAILAA BANU

4)RAJESH SAINI

(57) Abstract :

The present invention provides an automobile safety device with smart ignition activation features, which belongs to the field of automobile safety equipment. More particularly, the present invention provides a lock, which shall check the presence or absence of helmet on rider's head by sensor and electronic means and allow the vehicle ignition only after confirmation that the rider has worn helmet. The present invention also provides a method of operation of the helmet based ignition activation system.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5047/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

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

(51) International classification :H04L29/08
(31) Priority Document No :2009-282562
(32) Priority Date :14/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072819
Filing Date :13/12/2010
(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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Address of Applicant :7-1 Shiba 5-chome Minato-ku Tokyo
108-8001 Japan
(72)Name of Inventor :
1)SUZUKI Yasutomo

(57) Abstract :

A communication device and a communication control method which can control a transmission rate of information such that a bandwidth is not exceeded at all times are provided. There are included: a reception means for receiving an input signal, and outputting received data; a transmission means for accepting a transmission frame, transmitting a transmission signal at a first transmission rate set based on transmission control information, and outputting a transmission timing signal indicating completion timing of transmission of the transmission signal; an information extracting means for extracting the transmission control information from the received data, and designating a second transmission rate when transmitting the next transmission frame to the transmission means; and a service quality control means for changing, upon detecting a second transmission rate being smaller than the first transmission rate, an upper limit transmission rate to the second transmission rate or less, changing, upon detecting a second transmission rate being larger than the first transmission rate, the upper limit transmission rate to the second transmission rate or less after the completion timing, and generating the transmission frame from transmitted data based on the upper limit transmission rate.

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5048/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : END WALL ARRANGMENT FOR AN ENGINE COMPARTMENT OF MOTOR VEHICLE

(51) International classification	:B60R13/08
(31) Priority Document No	:10 2009 060 168.6
(32) Priority Date	:23/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/007478
Filing Date	:09/12/2010
(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)VOLKSWAGEN AKTIENGESELLSCHAFT
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(72)**Name of Inventor :**
1)SCHILLER Dirk

(57) Abstract :

An end wall arrangement for an engine compartment of a motor vehicle at least comprising an end wall (1) at least one component mounted on the end wall (1) a planar covering element (2) having sound-absorbing properties wherein the covering element (2) is provided with at least one flap (3) the flap (3) having heat-insulating properties and being configured optionally to cover the at least one component or to render the latter accesible

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5050/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : NEW VACCINE FORMULATIONS COMPRISING SAPONIN-CONTAINING ADJUVANTS

(51) International classification :A61K39/135

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2010/048256

Filing Date :09/09/2010

(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

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(72)Name of Inventor :

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2)RIGAUT Guillaume

(57) Abstract :

The present invention provides for a novel oil-in-water (O/W) emulsion with increased stability in the presence of bacterial or viral suspensions especially those concentrated and non-purified (crude extracts) or minimally purified. The emulsion of the present invention can act as vehicle for the delivery of a pharmaceutical composition comprising at least one immunogen and in particular an immunogen selected from the group consisting of an inactivated pathogen an attenuated pathogen a subunit a recombinant expression vector and a plasmid or combinations thereof.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3966/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 25/10/2013

(54) Title of the invention : HYBRID CONVERSION KITS FOR IC ENGINE DRIVEN SCOOTERS

(51) International classification	:B60K 6/00	(71)Name of Applicant : 1)MEYYAPPAN HARIS
(31) Priority Document No	:NA	Address of Applicant :CORAL MANOR, 3B, 41, II MAIN
(32) Priority Date	:NA	ROAD, R.A. PURAM, CHENNAI - 600 028 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MEYYAPPAN HARIS
Filing Date	:NA	2)MOHAN.V
(87) 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 a retrofit kit for converting already existing internal combustion engine driven two wheelers into hybrids (More particularly - Plug in Hybrids). The idea is to fit an electric wheel hub motor in the front/rear wheel of a conventional IC engine two wheeler. The hub motor will be powered by a suitable traction battery. This battery will be charged from the mains (like electric scooters). A Hybrid control System will be incorporated to take control of the energy management strategy of the onboard energy resources (viz. the engine and the battery). The vehicle can then run on petrol or electricity, depending on the operating conditions. This Hybrid conversion kit will reduce the vehicle utilization cost, fuel consumption and emissions significantly. The levels of these benefits depend on the vehicle configuration and the energy management strategy that the vehicle user prefers to use.

No. of Pages : 6 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4639/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : A NOVEL PROCESS FOR THE ISOLATION OF CLOVE POLYPHENOLS AND THEIR HEALTH BENEFITS

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AKAY FLAVOURS & AROMATICS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :AMBUNAD, MALAIDAMTHURUTH
(33) Name of priority country	:NA	P.O., ALUVA, ERNAKULAM - 683 561 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. KRISHNAKUMAR ILLATHU MADHAVA MENON
(87) International Publication No	: NA	2)DR. MALIAKEL BALU PAULOSE
(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 process for selective extraction of bioactive and bioavailable clove polyphenols of more than 90% purity and its health benefits as demonstrated by in vitro and in vivo studies. The process comprises the steps of supercritical extraction or solvent extraction to produce essential oil and free flowing oleoresin of clove followed by drying of the residue under vacuum. Further extraction with a mixture of water and acetone or water and lower alcohol, subsequent concentration to 5% - 20% dissolved solid content and chromatographic separation to obtain fractions containing free flowing clove polyphenols. The method also allows the impregnation of desired levels of bioactive compound eugenol and acetyl eugenol naturally occurring in clove oil fraction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5332/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : CATHODE SPUTTER DEPOSITION OF A CU(IN GA)X₂ THIN FILM•

(51) International classification :C23C14/00

(31) Priority Document No :09 05811

(32) Priority Date :02/12/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/000792

Filing Date :29/11/2010

(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)PERRAUD Simon

2)DUFOURCQ Joël

3)GAILLARD Frdric

4)NOEL Sbastien

5)ROUVIERE Emmanuelle

(57) Abstract :

The invention relates to a method and device for the deposition of a film made of a semiconductive material having the formula Cu(In, Ga)X₂, where X is S or Se. The method of the invention involves cathode sputter deposition of Cu, In, and Ga from at least one sputtering target onto at least one surface of a substrate and moreover involves simultaneous deposition of X in vapor phase onto said surface in a cathode chamber. A vapor form of X or a precursor of the latter is moved in the form of a first laminar gas flow, the traveling path of which is parallel to the surface of the substrate and makes contact with the latter, and is simultaneously moved in the form of a second laminar gas flow for inert gas, the traveling path of which is parallel to the first laminar gas flow and located between the traveling path of the first laminar gas flow and the surface of the sputtering target(s), thus making it possible to confine the first laminar gas flow to the area around the substrate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5333/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM AND METHOD FOR THE COUPLING OF A HEAD FRAME

(51) International classification	:B66C13/14
(31) Priority Document No	:200908619-0
(32) Priority Date	:23/12/2009
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/SG2010/000463
Filing Date	:13/12/2010
(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)NSL ENGINEERING PTE LTD.
Address of Applicant :26 Tanjong Kling Road Singapore 628
051 Singapore
(72)**Name of Inventor :**
1)GHEE HUA NG
2)ZHANMIN TONG

(57) Abstract :

A system for mounting a head frame to a spreader comprising: a sheave assembly connecting the head frame to a crane so as to permit the lowering of said head frame; mutually cooperating engagement devices for coupling the head frame and the spreader; an actuator arranged to connect mutually engageable transmission connectors on the head frame and spreader; and; a registration device for registering the coupling of the head frame and the spreader; wherein the registration device is arranged to prevent engagement of the transmission connector until said head frame and spreader are coupled.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5334/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR REFLECTOR ANTENNA WITH VERTEX REGION SCATTER COMPENSATION•

(51) International classification :H01Q15/16

(31) Priority Document No :61/286,815

(32) Priority Date :16/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2010/055582

Filing Date :03/12/2010

(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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Address of Applicant :1100 CommScope Place SE Hickory
North Carolina 28602 U.S.A.

(72)Name of Inventor :

1)HILLS Chris

2)CURRAN John

3)HUGHES Bruce

(57) Abstract :

A method and apparatus for enhancing the electrical performance of a reflector antenna. A boom disc mounted upon a feed waveguide supporting a subreflector is dimensioned and positioned for reflection cancellation against the reflected components from the reflector vertex region in the direction of edge illumination half angle T. A dielectric sleeve or RF absorbing material may be placed between the vertex region and the boom disc.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3418/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : PROCESS FOR PREPARING ALISKIREN INTERMEDIATE

(51) International classification	:C07K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAGABELLI MURALI
(87) International Publication No	: NA	2)UTTAM KUMAR RAY
(61) Patent of Addition to Application Number	:NA	3)AMINUL ISLAM
Filing Date	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel process for preparing a compound of Formula II, which is a useful intermediate in the preparation of Aliskiren.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5197/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DOUBLE-ACYLATED GLP-1 DERIVATIVES

(51) International classification :C07K14/605

(31) Priority Document No :09179390.1

(32) Priority Date :16/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/069932

Filing Date :16/12/2010

(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)Novo Nordisk A/S

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(72)Name of Inventor :

1)GARIBAY Patrick William

2)SPETZLER Jane

3)KODRA János Tibor

4)LINDEROTH Lars

5)LAU Jesper

6)SAUERBERG Per

(57) Abstract :

The invention relates to a derivative of a GLP-1 analogue which analogue comprises a first K residue at a position corresponding to position 37 of GLP-1(7-37) (SEQ ID NO: 1) a second K residue at a position corresponding to position 26 of GLP-1(7-37) and a maximum of ten amino acid modifications as compared to GLP-1(7-37) wherein the first K residue is designated K37 and the second K residue is designated K26 which derivative comprises two albumin binding moieties attached to K26 and K37. The invention also relates to the pharmaceutical use thereof for example in the treatment and/or prevention of all forms of diabetes and related diseases as well as to corresponding novel peptides and side chain intermediates. The derivatives are suitable for oral administration.

No. of Pages : 172 No. of Claims : 15

(54) Title of the invention : FUNCTIONALIZED HIGHLY BRANCHED MELAMINE-POLYAMINE POLYMERS

(51) International classification	:C08G83/00
(31) Priority Document No	:09179490.9
(32) Priority Date	:16/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/069735
Filing Date	:15/12/2010
(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)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)PERETOLCHIN Maxim**2)REINOSO GARCIA Marta****3)TRK Holger****4)SCH-NFELDER Daniel****5)EBERT Sophia**

(57) Abstract :

The present invention relates to a method for producing amphophilic functionalized highly branched melamine-polyamine polymers by condensing melamine and optionally a melamine derivate having at least one different amine having at least two primary amino groups and optionally also with urea and/or at least one urea derivative and/or with at least one at least difunctional diisocyanate or polyisocyanate and/or at least one carbolic acid having at least two carboxyl groups or at least one derivative thereof, optionally quaternizing a portion of the amino groups of the polymer thereby obtained, reacting the polymer thus obtained with at least one compound capable of undergoing a condensation or addition reaction with amino groups, and optionally quaternizing at least part of the amino groups of the polymer obtained in the first step. The invention further relates to the amphiphilic functionalized highly branched melamine-polyamine polymers that can be obtained by the method according to the invention, and to the use thereof as surface active agents.

No. of Pages : 54 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5193/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : AD HOC NETWORKING BASED ON CONTENT AND LOCATION

(51) International classification :H04L29/08
(31) Priority Document No :12/638,908
(32) Priority Date :15/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058944
Filing Date :03/12/2010
(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)Apple Inc.

Address of Applicant :1 Infinite Loop Cupertino California
95014-2094 U.S.A.

(72)Name of Inventor :

1)CHATTERJEE Shuvo

(57) Abstract :

Methods program products and systems for ad hoc networking based on content and location are described. A user of a mobile device can identify another user using another mobile device who is close by if both users have requested to participate in networking. Common interests and experiences of two or more users located close to each other can be identified from content including automatically created usage data of the mobile devices. Usage data of a mobile device can be created based on activities performed on the mobile device a trajectory of the mobile device or other public data available from the mobile device. Each of the users can be notified that another user having the common interests and experiences is close by. A means of initiating communication can be provided to the users to facilitate communication between the users.

No. of Pages : 66 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1580/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : NEWTON'S GRAVITATIONAL LAW FROM R.VELMURUGAN LAW OF VELOCITY BY VOLUME

(51) International classification	:G01V 7/00	(71)Name of Applicant : 1)R. VELMURUGAN
(31) Priority Document No	:NA	Address of Applicant :146/5 NORTH STREET
(32) Priority Date	:NA	SENGAMEDU(VILLAGE), AVINANGUDI(PO),
(33) Name of priority country	:NA	TITTAGUDI(TC), CUDDALORE(DT) - 606 112 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)R. VELMURUGAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

I (R.Velmurugan) find gravitational permittivity by help of gravitational permittivity I construct gravitational equation ie invention of gravitational permittivity induce me to construct gravitational equation in terms of gravitational permittivity.

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

(54) Title of the invention : METHOD OF PRODUCING STEEL

(51) International classification	:C21C 7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU, TOKYO 100-0011 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TAKAHASHI, DAISUKE
(87) International Publication No	: NA	2)MATSUOKA, KATSUAKI
(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 method of producing a high-cleanness steel, which comprises a blowing step of blowing steel in a converter, a tapping step of tapping molten steel blown in the blowing step into a ladle together with a slag, a slag modifying step wherein calcium carbonate is added to the slag floating on the molten steel received in the ladle to generate carbon dioxide and Al dross is scattered onto the slag and reacted with FeO in the slag to render (T. Fe) in the slag into not more than 10 mass% and (CaO)/(Al₂O₃) into 1-2 by mass ratio, a secondary refining step wherein the slag-modified molten steel is decarburized in a top oxygen blowing vacuum degassing apparatus to reduce [C] in molten steel to not more than 100 mass ppm and then deoxidized, and a continuous casting step of continuously casting the secondary refined molten steel in a non-oxidizing atmosphere, in which [O] in molten steel after the secondary refining is reduced to not more than 50 mass ppm.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.449/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :02/03/2009

(43) Publication Date : 25/10/2013

(54) Title of the invention : NOVEL PRECOMPOSTED ORGANIC MANURE/SOIL LESS PLANTING MEDIA PACKED IN BIO-COMPOSTABLE PLASTIC

(51) International classification	:A01G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. MANOJ CHUZHATTIL NARAYANAN
(32) Priority Date	:NA	Address of Applicant :PELICAN BIOTECH & CHEMICAL
(33) Name of priority country	:NA	LABS, KP-1/77, NC JOHN ESTATE, KUTHIATHODE,
(86) International Application No	:NA	ALAPPUZHA DISTRICT KERALA 688533 Kerala India
Filing Date	:NA	2)DR. PRIYA RAGHAVENDRA RAO
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. MANOJ CHUZHATTIL NARAYANAN
Filing Date	:NA	2)DR. PRIYA RAGHAVENDRA RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention proposes a new product comprising of pre-composted organic nutrients. The product has fixed nutrients and can be used directly as planting media. It has good nutrient value, pest repellent properties and has organic-matrix which helps in sustained release of the nutrients. The invention also brings out a completely biocompatible packing such that the whole packet can be simply punctured and thrown to the vector of the plant. Alternatively saplings grown in the packet can be directly planted into the soil. Another invention is a double layer biocompatible packing in which the inner packing contains the germinating media while the outer packing contains the nutrient rich growth media.

No. of Pages : 6 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5118/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SEMICONDUCTOR DEVICE HAVING STRAIN MATERIAL•

(51) International classification	:H01L21/8246
(31) Priority Document No	:12/621,736
(32) Priority Date	:19/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057514
Filing Date	:19/11/2010
(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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Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)YANG Haining

(57) Abstract :

A semiconductor device having strain material is disclosed. In a particular embodiment the semiconductor device includes a first cell including a first gate between a first drain and a first source. The semiconductor device also includes a second cell adjacent to the first cell. The second cell includes a second gate between a second drain and a second source. The semiconductor device further includes a shallow trench isolation area between the first source and the second source. A first amount of strain material over the first source and over the second source is greater than a second amount of strain material over the first drain and over the second drain.

No. of Pages : 36 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5119/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD OF PURIFYING PEGYLATED PROTEINS

(51) International classification :C07K1/18

(31) Priority Document No :09176881.2

(32) Priority Date :24/11/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/068112

Filing Date :24/11/2010

(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)Novo Nordisk Health Care AG

Address of Applicant :Andreasstrasse 15 CH-8050 Zurich
Switzerland

(72)Name of Inventor :

1)WIENDAHL Matthias

2)SEJERSGAARD Lars

3)BOGSNES Are

(57) Abstract :

The invention relates to a method of purifying PEGylated proteins by removing impurities from samples containing PEGylated proteins in particular but not exclusively vitamin K-dependent blood coagulation factors such as Factor IX (FIX) to proteins purified by said method and to the use of said purified proteins in therapy in particular but not exclusively for the treatment of diseases alleviated by blood coagulation factors such as the prophylactic treatment of hemophilia.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5177/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM METHOD AND APPARATUS FOR EARLY TERMINATION BASED ON TRANSPORT BLOCK FAIL FOR ACKNOWLEDGMENT BUNDLING IN TIME DIVISION DUPLEX

(51) International classification	:H04L1/16
(31) Priority Document No	:61/288,795
(32) Priority Date	:21/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061637
Filing Date	:21/12/2010
(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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Address of Applicant :International IP Administration 5775
Morehouse Drive San Diego California 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)RAGHU NARAYAN CHALLA
2)THOMAS B. WILBORN
3)SUPRATIK BHATTACHARJEE

(57) Abstract :

Methods, apparatus and articles of manufacture are disclosed that provide for early termination based on transport block fail for acknowledgement bundling in time division duplex. In one embodiment, a method for operating a communication device is provided. In this embodiment, the communication device decodes a downlink subframe that is part of a bundle of subframes. If it detects a CRC failure in the subframe, it inhibits decoding of at least one other subframe in the bundle if present and reports the failure to the sending node. This Abstract is provided for the sole purpose of complying with the Abstract requirement rules that allow a reader to quickly ascertain the disclosed subject matter. Therefore, it is to be understood that it should not be used to interpret or limit the scope or the meaning of the claims.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5344/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : PROCESS FOR PREPARING DIARYL CARBONATES

(51) International classification :C07C68/06
(31) Priority Document No :09177993.4
(32) Priority Date :04/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/068568
Filing Date :30/11/2010
(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)NISBET Timothy Michael
2)VAPORCIYAN Garo Garbis
3)VROUWENVELDER Cornelis Leonardus Maria**

(57) Abstract :

The disclosure relates to process for preparing diaryl carbonate from dialkyl carbonate and aryl alcohol comprising:(a)introducing dialkyl carbonate and aryl alcohol into first reactive distillation column;(b)recovering from the first reactive distillation column a top stream comprising dialkyl carbonate and alkyl alcohol and a bottom stream comprising alkyl aryl carbonate aryl alcohol and dialkyl carbonate; (c)introducing the bottom stream from the first reactive distillation column into second reactive distillation column; (d)recovering from the second reactive distillation column a top stream comprising dialkyl carbonate and a bottom stream comprising alkyl aryl carbonate diaryl carbonate and aryl alcohol; (e)introducing the bottom stream from the second reactive distillation column into a third reactive distillation column; and (f)recovering from the third reactive distillation column a top stream comprising aryl alcohol and a bottom stream comprising diaryl carbonate wherein the top stream from the third reactive distillation column is recycled to the second reactive distillation column.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5256/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ANALYTE MEASUREMENT APPARATUS AND METHOD

(51) International classification :G01N33/543

(31) Priority Document No :09180621.6

(32) Priority Date :23/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055873

Filing Date :16/12/2010

(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

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2)EVERS Toon Hendrik

3)DEKKERS David Walterus Cornelis

4)HEFTI Marco Hendrikus

5)VISSERS Joost Lambert Max

6)MARTENS Michael Franciscus Wilhelmus Cornelis

(57) Abstract :

An apparatus for measuring a target molecule in a sample is disclosed. The apparatus comprises a moiety comprising a magnetic label (1) greater than 100 nm a binding surface (12) for specifically binding the moiety the amount of said moiety binding to said surface being indicative of the amount of the target molecule in said sample detection means (31 31TM) for detecting the amount of said moiety bound to said surface and a salt (51) for reducing aggregation of the magnetic labels of respective moieties in said sample. The apparatus preferably also comprises a magnetic field generator (41) for attracting the magnetic labels to the binding surface. A method for measuring a target molecule in a sample and a disposable cartridge for use with the apparatus are also disclosed.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5257/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : MECHANICALLY DRIVEN RESONANT DRIVE TRAIN FOR A POWER TOOTHBRUSH

(51) International classification	:A61C17/34
(31) Priority Document No	:61/289482
(32) Priority Date	:23/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055340
Filing Date	:22/11/2010
(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

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(72)Name of Inventor :
1)KLOSTER Tyler G.
2)BENNING Wolter F.
3)CHANG Yu-wen

(57) Abstract :

The power toothbrush includes a driving assembly which in turn includes a DC motor (14) and a battery. The DC motor has a rotating drive shaft (16) supported at its free end. The drive shaft has an eccentric portion (18). Mounted on the eccentric portion is a plastic sleeve (20) having an extending portion which engages one end of a spring member (38). The other end of the spring member is secured to a yoke (36) which is secured to a brushhead shaft (32). Rotation of the drive shaft results in the extending portion of the plastic sleeve moving the spring between a compressed state and an extended state. The action of the DC motor excites the spring to produce an oscillating action of the brushhead shaft and a brushhead assembly (40) mounted thereon.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5259/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR BRACHYTHERAPY FEATURING TRACKING VIA SHAPE-SENSING

(51) International classification	:A61N5/10
(31) Priority Document No	:61/290275
(32) Priority Date	:28/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/055239
Filing Date	:17/11/2010
(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

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(72)**Name of Inventor :**
1)VERARD Laurent

(57) Abstract :

A brachytherapy method and apparatus include implanting an applicator having at least one radiation source or seed receiving channel (62) into soft tissue adjacent a target region (40) to be irradiated. A high resolution planning image (64) of the target region including the applicator is generated wherein the high resolution planning image is used for determining a three-dimensional treatment plan (66). A position of the applicator is tracked relative to the target region (40) and the treatment plan (66). Tracking the position includes measuring via shape-sensing a location and shape of the at least one radiation source or seed receiving channel (62).

No. of Pages : 38 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5268/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POWER TRANSMITTING MECHANISM

(51) International classification	:F16D13/64
(31) Priority Document No	:2009-264392
(32) Priority Date	:19/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070371
Filing Date	:16/11/2010
(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)TORII Miki

2)HAYASHI Daisuke

3)TAKASHI Yukihiisa

(57) Abstract :

A power transmitting mechanism improves a vibration attenuation function of a damper mechanism and includes a driving plate that rotates and transmits power a plurality of coil springs that are provided in series in a rotational direction of the driving plate and can be rotated together with the driving plate a driven plate that is provided coaxially with a rotation axis of the driving plate and can be rotated together with the driving plate and the coil springs by power transmitted from the driving plate through the coil springs and an annular member that is coaxial with the rotation axis and is provided so as to be rotatable relative to the driving plate and the driven plate and the annular member is provided with a support part arranged between the coil springs to support the coil springs

No. of Pages : 48 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5269/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : COMBINATION WIRE CONNECTOR AND CURRENT TRANSFORMER

(51) International classification :H01F38/30

(31) Priority Document No :12/626,219

(32) Priority Date :25/11/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/056649

Filing Date :15/11/2010

(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)SCHNEIDER ELECTRIC USA INC.

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60067 U.S.A.

(72)Name of Inventor :

1)FISHER Mark J.

(57) Abstract :

A transformer assembly for mounting a current transformer to an electrical apparatus. The generally toroidal current transformer senses electrical current in conductors of the electrical apparatus and has a housing. A mechanical lug for conductors of the electrical apparatus is mounted directly to the housing of the current transformer within the central opening of the toroid. The mechanical lug has one or more conductor bores located within a main body of the mechanical lug for receiving respective conductor wires.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4535/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 25/10/2013

(54) Title of the invention : BATTERY MOUNTING FOR SCOOTER VEHICLE

(51) International classification	:B62K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :TVS MOTOR COMPANY LIMITED,
(33) Name of priority country	:NA	JAYALAKSHMI ESTATES• NO.29 (OLD NO.8) HADDOWS
(86) International Application No	:NA	ROAD, CHENNAI 600 006. Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KUPPAN ASHOKKUMAR
(61) Patent of Addition to Application Number	:NA	2)VENKATA MANGARAJU KARANAM
Filing Date	:NA	3)RENGARAJAN BABU
(62) Divisional to Application Number	:NA	4)CHITHAMBARAM SUBRAMONIAM
Filing Date	:NA	

(57) Abstract :

The present invention provides a battery mounting structure for hybrid scooter type vehicle comprising two support tubes extending from two side tubes; two support brackets provided on the side tubes; a tray attached to the support tubes and support brackets. A battery is placed in the tray, and the top of battery is covered by seat of the vehicle.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5230/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : OIL AND FAT COMPOSITION FOR DEEP FRYING

(51) International classification :A23D9/00
(31) Priority Document No :2010-074903
(32) Priority Date :29/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056162
Filing Date :16/03/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)SHIRAMASA HIROSHI

(57) Abstract :

The present invention provides an oil and fat composition that can prevent not only coloring caused by heating and cooked odor during heat cooking but also increase in acid value as well as that can endure long-term use. The oil and fat composition which can prevent coloring caused by heating cooked odor and increase in acid value can be obtained by incorporating 0.1 ppm or more and 10 ppm or less of a phosphorus component and ascorbic acid and/or an ascorbic acid derivative in an ascorbic acid equivalent of 2 ppm or more and 130 ppm or less into an edible oil and fat.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5231/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : **BALANCED FAT COMPOSITION AND USE THEREOF IN A LIQUID NUTRITIONAL COMPOSITION SUITABLE FOR ENTERAL FEEDING•**

(51) International classification	:A23D7/00
(31) Priority Document No	:PCT/NL2009/050741
(32) Priority Date	:07/12/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/NL2010/050825
Filing Date	:07/12/2010
(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

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1)VAN ANHOLT Rogier Daniël

2)HOFMAN Zandrie

3)KIERS Wynette Hermina Agnes

(57) Abstract :

This invention relates to a balanced fat composition and use thereof in a liquid nutritional composition in particular suitable for tube feeding. This invention further relates to said liquid nutritional composition for providing enteral nutrition to patients in need thereof in particular for providing a complete enteral nutrition in particular for providing a long-term enteral nutrition. More specifically the balanced fat composition and the liquid nutritional composition comprising said balanced fat composition comprises specific amounts of linoleic acid (LA) alpha-linolenic acid (ALA) docosahexaenoic acid (DHA) eicosapentaenoic acid (EPA) at least one medium chain fatty acid (MCFA) and at least one mono-unsaturated fatty acid (MUFA). The invention relates further to a method for providing enteral nutrition to patients in need thereof comprising administering an effective amount of said liquid nutritional composition comprising the balanced fat composition according to the invention.

No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5296/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : BETA-CELL REPLICATION PROMOTING COMPOUNDS AND METHODS OF THEIR USE

(51) International classification :C12N5/071

(31) Priority Document No :61/288,001

(32) Priority Date :18/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/061075

Filing Date :17/12/2010

(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

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(72)Name of Inventor :

1)ANNES Justin P.

2)MELTON Douglas A.

3)RUBIN Lee L.

4)WEIR Gordon

(57) Abstract :

In the invention provides for a method of stimulating or increasing -cell replication or growth by contacting a -cell with an inhibitor of adenosine kinase (ADK) an inhibitor of S-Adenosylhomocysteine hydrolase (SAHH) or an activator of AMP activated protein kinase (AMPK).

No. of Pages : 143 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5056/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ELECTRONIC SPHYGMOMANOMETER

(51) International classification :A61B5/022
(31) Priority Document No :2009-259829
(32) Priority Date :13/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/069799
Filing Date :08/11/2010
(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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3)Kohei TAKEOKA
4)Yukiya SAWANOI
5)Kenichi HORIBATA
6)Masataka YANAGASE
7)Izumi HACHIMARU

(57) Abstract :

A first oscillation circuit (331) and a second oscillation circuit (332) are respectively connected to a first pressure sensor (321) and a second pressure sensor (322) and oscillate based on the capacity values of the corresponding pressure sensors. The first oscillation circuit (331) and the second oscillation circuit (332) operate in response to instruction from a CPU (100). The one of the first oscillation circuit (331) and the second oscillation circuit (332) that has received an activation signal from the CPU (100) outputs a signal having a frequency that corresponds to the capacity value of the corresponding pressure sensor. An adjustment circuit (335) is connected to the first oscillation circuit (331) and the second oscillation circuit (332) and allows one of the frequency signals to pass therethrough outputting the signal to the CPU (100).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5057/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : BIOFEEDBACK FOR PROGRAM GUIDANCE IN PULMONARY REHABILITATION

(51) International classification :G06F19/00
(31) Priority Document No :61/290342
(32) Priority Date :28/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055227
Filing Date :17/11/2010
(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)CHEUNG Amy Oi Mee
2)ATAKHORRAMI Maryam

(57) Abstract :

A system (200) for providing an exercise training plan for a patient is provided. The system includes a sensor (202 204 206 208 210 212) and a processor (214) operatively connected to the at least one sensor. The sensor measures physiological parameter of the patient. The processor is configured to: a) receive health information data representative of patient information and patient symptoms; b) receive physiological data from the at least one sensor; c) devise the exercise training plan for the patient based on the health information data and the physiological data; d) monitor the physiological data during the exercise training of the patient to determine if the physiological data is within a predetermined range; and e) modify the exercise training plan for the patient if the physiological data is outside the predetermined range.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5058/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : DEVICE FOR STEAMING FOOD

(51) International classification	:A47J27/05
(31) Priority Document No	:09180779.2
(32) Priority Date	:28/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/056020
Filing Date	:22/12/2010
(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

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2)WIJMA Willem Sjouke
3)PAAUW Hendrik Klaas
4)SANTALO BARREIRO Alejandro
5)STOLK Theodoor

(57) Abstract :

A device (100) for heating a food is disclosed. The device (100) comprises at least one heating chamber (110) and a variable-power steam-generating unit (120) configured to generate steam. The variable-power steam-generating unit (120) is fluidly connected with at least one heating chamber (110). On basis of difference between temperature sensed in the device (100) and a predetermined temperature power of the variable-power steam-generating unit (120) can be adjusted such as to enable attaining a desired heating temperature in the heating process of the device (100).

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5215/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD AND APPARATUS FOR GROUPING POINTS-OF-INTEREST ACCORDING TO AREA NAMES

(51) International classification	:H04W4/06
(31) Priority Document No	:12/646,158
(32) Priority Date	:23/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2010/050965
Filing Date	:26/11/2010
(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

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2)Juong-Sik Lee
3)Deepti Chafekar

(57) Abstract :

An approach is provided for crowd sourcing and grouping points-of-interest based on cell broadcast message information. Reception of a message from a mobile terminal is caused, at least in part. The message specifies point-of-interest information and an associated area name corresponding to one of a plurality of cells of a communication network. The message is parsed to determine the point-of-interest information and the associated area name. A connectivity graph specifying relationships among the cells is selectively updated with the point-of-interest information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5328/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD OF CONVERTING DIGITAL DATA

(51) International classification	:G06F13/00
(31) Priority Document No	:PCT/SG2009/000480
(32) Priority Date	:16/12/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/SG2010/000012
Filing Date	:19/01/2010
(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)T-DATA SYSTEM (S) PTE. LTD.

Address of Applicant :1 Palm Drive Singapore 456458

(72)Name of Inventor :

1)JOON YONG WAYNE TAN

(57) Abstract :

A method is disclosed to convert digital data using a memory card operatively engaged with an apparatus such as a digital camera having control buttons but that does not have a keyboard or keypad. The memory card comprises a central processor a conversion module and a storage module. The method includes placing the apparatus in a predetermined mode; activating the conversion module in the memory card; selecting at least one file stored in the memory card; and converting the selected at least one file.

No. of Pages : 18 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5329/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification	:C12N9/34
(31) Priority Document No	:61/264,977
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058438
Filing Date	:30/11/2010
(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

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2)MORANT Marc Dominique

3)AYABE Keiichi

4)COWARD-KELLY Guillermo

(57) Abstract :

The present invention relates to isolated polypeptides having glucoamylase activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 94 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5330/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification	:C12N9/34
(31) Priority Document No	:61/264,971
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058393
Filing Date	:30/11/2010
(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

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(57) Abstract :

The present invention relates to isolated polypeptides having glucoamylase activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 88 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5331/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification	:C12N9/34
(31) Priority Document No	:61/265,526
(32) Priority Date	:01/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058424
Filing Date	:30/11/2010
(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

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(57) Abstract :

The present invention relates to isolated polypeptides having glucoamylase activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 113 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5275/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : METHOD FOR DETERMINATION OF MOTIVE FORCE CAPACITY OF A MOTOR VEHICLE

(51) International classification :F16H59/14
(31) Priority Document No :0950970-4
(32) Priority Date :17/12/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/051397
Filing Date :16/12/2010
(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

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2)ANDERS KJELL
3)MIKAEL W...GBERG
4)FREDRIK SWARTLING

(57) Abstract :

The present invention relates to a method for determination of a first parameter RF which represents a motive force capacity of a motor vehicle (1) provided with a power train which is adapted to assuming various transmission ratios for propulsion of said vehicle (1) and which comprises at least one engine (10) and at least one gearbox (20). This first parameter RF is determined on the basis of a difference between a first motive force FMS and a second motive force FDr, the first motive force F1 being a maximum motive force available for the vehicle (1) at a current transmission ratio and the second motive force FDr a current running resistance for the vehicle (1). The invention relates also to use of such a parameter, and further to a computer programme, a computer programme product, a system and a motor vehicle related to such a parameter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5228/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : Purification of modified cytokines

(51) International classification	:C07K1/18
(31) Priority Document No	:2853/CHE/2009
(32) Priority Date	:20/11/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/US2010/057364
Filing Date	:19/11/2010
(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)Dr. ReddyTMs Laboratories Limited

Address of Applicant :7-1-27 Ameerpet Hyderabad Andhra Pradesh India

(72)Name of Inventor :

1)Darshan Koticha

2)Aniket B. Chaudhari

3)Kishore Jahagirdar

(57) Abstract :

Methods for purifying modified cytokines. A process includes the use of a cation exchange chromatographic technique for the purification of a desired cytokine. The purified cytokines can be used in therapeutic compositions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5229/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : WHOLE CELL BIOCATALYST•

(51) International classification	:C12N9/78
(31) Priority Document No	:09014294.4
(32) Priority Date	:16/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/006951
Filing Date	:16/11/2010
(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)ZYRUS BETEILIGUNGSGESELLSCHAFT MBH & CO. PATENTE I KG
Address of Applicant :Berliner Strasse 1 12529 Schenefeld / OT Waltersdorf Germany
(72)**Name of Inventor :**
1)JOACHIM JOSE
2)RUTH MAAS
3)CHRISTIAN DETZEL

(57) Abstract :

The present invention relates to a method for producing a product of a reaction catalysed by a nitrilase which method comprises the steps (i) providing a microorganism comprising said nitrilase located on its surface and/or a membrane preparation of said microorganism and (ii) contacting the microorganism and/or the membrane preparation thereof with one or more nitrilase substrates under conditions compatible with nitrilase activity. The present invention further relates to a method for producing enantiomerically pure (R)-mandelic acid using the nitrilase-displaying whole cell biocatalyst or membrane preparation thereof for the conversion of racemic mandelonitrile.

No. of Pages : 67 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5280/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : VOLTAGE CONVERTER

(51) International classification	:H02M1/34
(31) Priority Document No	:12/630,279
(32) Priority Date	:03/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058712
Filing Date	:02/12/2010
(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)AMERICAN POWER CONVERSION CORPORATION
Address of Applicant :132 Fairgrounds Road West Kingston
RI 02892 United States of America.
(72)**Name of Inventor :**
1)REILLY David E.

(57) Abstract :

Systems and methods of operating a voltage converter are provided. The converter includes an output inductor and an output capacitor coupled to a rectifier circuit. The converter also includes a clamp circuit having a clamping diode and a clamping capacitor coupled in series with the serial combination in parallel with the output inductor. The clamp circuit can also include a recovery inductor coupled to the output capacitor and a switch configured to selectively couple and decouple the recovery inductor in parallel with the clamping capacitor.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5146/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : INFRARED REFLECTOR

(51) International classification :G02B1/10

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/FR2009/001430

Filing Date :17/12/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)ARCELORMITTAL INVESTIGACIN Y DESARROLLO
SL**

Address of Applicant :CL/Chavarri 6 E-48910 Sestao
Bizkaia Spain

(72)Name of Inventor :

1)POIRIER Claire

2)LE PEN Christophe

(57) Abstract :

The invention relates mainly to an infrared reflector consisting of a metallic substrate coated with a layer of zirconium and chromium nitride of general formula $(Zr_xCr_{1-x})_1-yNy$ with x between 0.15 and 0.7 and y between 0.01 and 0.265. The invention also relates to a method of manufacturing this infrared reflector.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5147/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : SYSTEM FOR CARRYING AND DROPPING LOADS FOR A TRANSPORT PLANE

(51) International classification	:B64D1/10
(31) Priority Document No	:0906104
(32) Priority Date	:16/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000833
Filing Date	:13/12/2010
(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)MBDA France

Address of Applicant :37 Boulevard de Montmorency F-75016 Paris France

(72)Name of Inventor :

1)JAURAND Benoît

2)MICHAUD Frédéric

(57) Abstract :

The invention relates to a system for carrying and dropping ammunition for a transport airplane. The system (1) includes a container (4) which contains at least one load (3) in particular ammunition which is capable of being brought into a drop position (P2) in which portion (7) is located outside the airplane (AC) and from which a load (3) can be dropped usually by simply releasing said load.

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

(54) Title of the invention : METHOD FOR PRODUCING HYDRIDOSILANES

(51) International classification :C01B33/04
 (31) Priority Document No :102009053804.6
 (32) Priority Date :18/11/2009
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2010/067016
 Filing Date :08/11/2010
 (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)Evonik Degussa GmbH
 Address of Applicant :Rellinghauser Strasse 1-11 45128
 Essen Germany
 (72)Name of Inventor :
1)WIEBER Stephan
2)PATZ Matthias
3)TROCHA Martin
4)RAULEDER Hartwig
5)MH Ekkehard
6)STGER Harald
7)WALKNER Christoph

(57) Abstract :

The present invention relates to a process for preparing hydridosilanes from halosilanes, in which a) i) at least one haosilane of the generic formula $\text{Si}n\text{X}2n+2$ (where $n > 3$ and $\text{X} = \text{F}, \text{Cl}, \text{Br}$ and/or I) and ii) at least one catalyst of the generic formula NRRaRbYc where $a = 0$ or 1 , $b = 0$ or 1 , and $c = 0$ or 1 , and where aa) R , R and/or R are each $-\text{C}1-\text{C}12\text{-alkyl}$, $-\text{C}1-\text{C}12\text{-aryl}$, $-\text{C}1-\text{C}12\text{-aralkyl}$, $-\text{C}1-\text{C}12\text{-aminoalkyl}$, $-\text{C}1-\text{C}12\text{-aminoaryl}$, $-\text{C}1-\text{C}12\text{-aminoaralkyl}$, and/or two or three R , R and R radicals in the case that $c = 0$ together form a cyclic or bicyclic, heteroaiiphatic or heteroaromatic system including N , with the proviso that at least one R , R or R radical is not $-\text{CH}_3$ and/or bb) R and R and/or R (in the case that $c = 1$) are each $-\text{C}1-\text{C}12\text{-alkylene}$, $-\text{C}1-\text{C}12\text{-arylene}$, $-\text{C}1-\text{C}12\text{-aralkylene}$, $-\text{C}1-\text{C}12\text{-heteroalkylene}$, $-\text{C}1-\text{C}12\text{-heteroarylene}$, $-\text{C}1-\text{C}12\text{-heteroaralkylene}$ and/or $-\text{N}=\text{}$, or cc) (in the case that $a = b = c = 0$) $\text{R} = \text{C}=\text{R}$ (where $\text{R} = -\text{C}1-\text{C}10\text{-alkyl}$, $-\text{C}1-\text{C}10\text{-aryl}$ and/or $-\text{C}1-\text{C}10\text{-aralkyl}$), are converted to form a mixture comprising at least one haosilane of the generic formula $\text{Si}m\text{X}2m+2$ (where $m > n$ and $\text{X} = \text{F}, \text{Cl}, \text{Br}$ and/or I) and SiX_4 (where $\text{X} = \text{F}, \text{Cl}, \text{Br}$ and/or I), and b) the at least one haosilane of the generic formula $\text{Si}m\text{X}2m+2$ is hydrogenated to form a hydridosilane of the generic formula $\text{Si}m\text{H}2m+2$, to the hydridosilanes preparable by the process and to the use thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5149/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : POWER ELECTRONIC MODULE WITH NON-LINEAR RESISTIVE FIELD GRADING AND METHOD FOR ITS MANUFACTURING

(51) International classification :H01L23/498

(31) Priority Document No :09179630.0

(32) Priority Date :17/12/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/069904

Filing Date :16/12/2010

(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)ABB TECHNOLOGY AG

Address of Applicant :Affolternstrasse 44 CH-8050 Zurich
Switzerland

(72)Name of Inventor :

1)GREUTER Felix

2)SCHUDERER Jürg

3)DONZEL Lise

(57) Abstract :

The invention relates to a power electronic device with an electronic device comprising a substrate (2) a metal layer (3 4 5) formed on the substrate (2) and a field grading means (17 23) located along an edge (12 to 16) of the metal layer (3 4 5). The field grading means (17) has a non-linear electrical resistivity. The invention relates also to method to produce such a power electronic device.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5157/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : ELECTRICAL POWER FEEDING SYSTEM FOR ELECTRICAL VEHICLE

(51) International classification :H02J7/00
(31) Priority Document No :2009-289707
(32) Priority Date :21/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073655
Filing Date :20/12/2010
(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)PANASONIC CORPORATION
Address of Applicant :1006 Oaza Kadoma Kadoma-shi
Osaka 571-8501 Japan.
(72)**Name of Inventor :**
1)Satoru UENO

(57) Abstract :

An electrical power feeding system for vehicle comprises a distribution board an electrical current measurement unit and a control box. The distribution board comprises a breaker. The electrical current measurement unit is configured to measure electrical current value of the main electrical current applied to the breaker. The control box is configured to generate the electrical power feeding limitation signal when the measurement value of the main electrical current exceeds a first threshold. The electrical power feeding system for vehicle further comprises an electrical power feeding unit for vehicle. The electrical power feeding unit for vehicle is configured to supply the electrical power to the charging circuit of the electrical vehicle through the breaker. The electrical power feeding unit for vehicle is configured to limit the electrical current which is supplied to the electrical vehicle when the control box generates the electrical power feeding limitation signal.

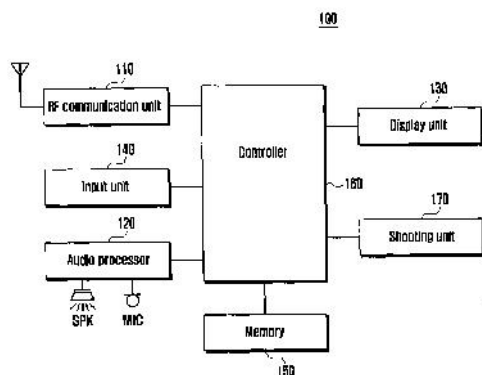
No. of Pages : 63 No. of Claims : 24

(54) Title of the invention : METHOD AND APPARATUS FOR RECOGNIZING THREE-DIMENSIONAL OBJECT

(51) International classification	:G01B11/00	(71)Name of Applicant :
(31) Priority Document No	:10-2012-0042811	1)SAMSUNG ELECTRONICS CO., LTD.
(32) Priority Date	:24/04/2012	Address of Applicant :129, SAMSUNG-RO, YEONGTONG-GU SUWON-SI, GYEONGGI-DO 443-742, REPUBLIC OF KOREA
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:NA	1)BORAM NAMGOONG
Filing Date	:NA	2)SUKSOON KIL
(87) International Publication No	: NA	3)MISUN LEE
(61) Patent of Addition to Application Number	:NA	4)DONGUK CHOI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a method and an apparatus for recognizing a three-dimension object using a light source. The method of recognizing a three-dimension object of a terminal including a display unit for displaying an operation state of the terminal and a shoot unit for receiving an image, includes: receiving a first image by setting first brightness as brightness of the display unit; receiving a second image by setting second brightness as the brightness of the display unit; and recognizing the three-dimension object based on brightness change of a preset part by comparing the second image with the first image. The apparatus and method for recognizing a three-dimension object prevents a security function from being incapacitated using a two-dimension photograph.



No. of Pages : 45 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.453/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 25/10/2013

(54) Title of the invention : A DEVICE FOR TREATMENT OF GLAUCOMA.

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GHANSHAM DAS AGARWAL

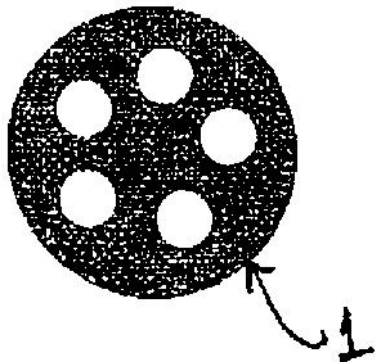
Address of Applicant :INDIAN NATIONAL OF MODERN
SURGICAL, 101A, CHITTARANJAN AVENUE, KOLKATA-
73. West Bengal India

(72)Name of Inventor :

1)GHANSHAM DAS AGARWAL

(57) Abstract :

This invention relates to a device for treatment of glaucomacomprising of a circular patch with a plurality of holes wherein the patch is made of biocompatible material. The patch is optionally provided with a projected lip.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.84/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :22/01/2013

(43) Publication Date : 25/10/2013

(54) Title of the invention : REPAIRING BAR-WOUND STATOR CONDUCTORS FOR ELECTRICAL INTERCONNECTION

(51) International classification	:H02K15/00	(71)Name of Applicant :
(31) Priority Document No	:13/449866	1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
(32) Priority Date	:18/04/2012	Address of Applicant :300 GM RENAISSANCE CENTER,
(33) Name of priority country	:U.S.A.	DETROIT, MICHIGAN 48265-3000, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)URBAN J DE SOUZA
(87) International Publication No	: NA	2)RICHARD M. KLEBER
(61) Patent of Addition to Application Number	:NA	3)JUSTIN HANSON
Filing Date	:NA	4)FREDERICK W. RHOADS
(62) Divisional to Application Number	:NA	5)JOHN D. CAMPBELL
Filing Date	:NA	

(57) Abstract :

A method of preparing a plurality of bar-wound stator conductors for electrical interconnection includes inserting the plurality of conductors into a stator, twisting a conductor such that a first conductor of a first row is adjacent to a second conductor of a second row; trimming the adjacent first and second conductors to a common length using a trimming device; and grinding the trimmed first and second conductors to a pre- determined surface profile using a rotary cutting tool.

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

(54) Title of the invention : THERMISTOR APPARATUS

(51) International classification

:H01C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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 :

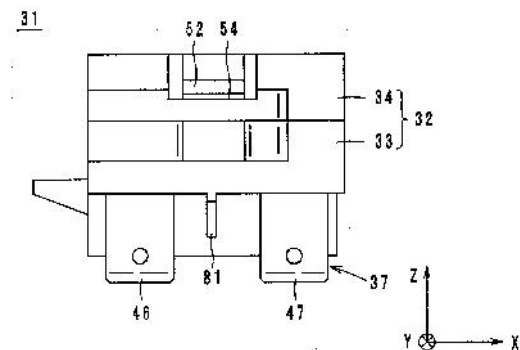
1)MURATA MANUFACTURING CO., LTDAddress of Applicant :10-1, HIGASHIKOTARI 1-CHOME,
NAGAOKAKYO-SHI, KYOTO 617-8555 JAPAN

(72)Name of Inventor :

1)MOCHIDA, NORIHIRO

(57) Abstract :

Provided is a thermistor apparatus that prevents terminal members from being short-circuited and is excellent in high-temperature resistance. First and second spring contact members obliquely face the second and first positioning protrusions, respectively. The first and second spring contact members are brought into contact with the first and second electrodes at positions outside the second and first positioning protrusions in a planar view from normal directions of the first and second electrodes, respectively. The first and second spring contact members impel the thermistor element in opposite directions. Here, the first and second positioning protrusions are made of a resin, a metal, or an inorganic material having a thermosoftening temperature of 200°C or more.



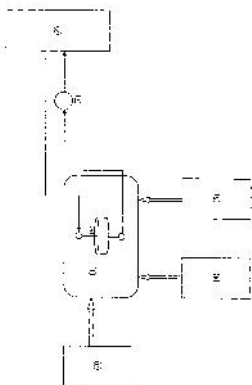
No. of Pages : 33 No. of Claims : 5

(54) Title of the invention : A DEVICE FOR MEASURING CONDUCTIVITY OF FLUE GAS DUST TO ENHANCE PERFORMANCE OF ELECTROSTATIC PRECIPITATORS AND A PROCESS FOR DETERMINING AMMONIA DOSAGES TO BE INJECTED INTO THE CHAMBER OF THE DEVICE

(51) International classification	:b03c	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGION CAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1,DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	West Bengal India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VELU SUBBAN SURESHKUMAR
Filing Date	:NA	2)KADAPERI PANCHATSARAM MANIMALA
(62) Divisional to Application Number	:NA	3)ESAKKIMUTHU ARULSELVI
Filing Date	:NA	

(57) Abstract :

The invention relates to a device for measuring conductivity of flue gas dust to enhance performance of Electrostatic precipitators, comprising a chamber (1), a Power supply controller (2), an air temperature control means (3), a moisture control means (4), and an ammonia injection means (5), wherein the power supply controller (2) delivers a required voltage, wherein the temperature control means (3) enables maintaining an air temperature inside the chamber (1) at a set value, wherein the moisture control means (4) maintains a moisture level in the chamber (1) at a required dew point setting, wherein the ammonia injection means (5) delivers a measured amount of ammonia into the chamber (1).



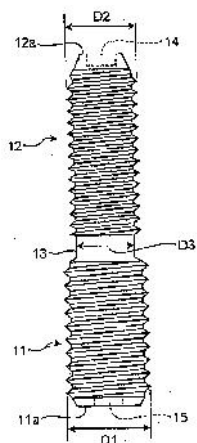
No. of Pages : 10 No. of Claims : 8

(54) Title of the invention : STUD BOLT, TERMINAL BLOCK, ELECTRICAL APPARATUS , AND FIXING METHOD

(51) International classification	:B61L23/12	(71)Name of Applicant :
(31) Priority Document No	:2012-096075	1)KABUSHIKI KAISHA YASKAWA DENKI
(32) Priority Date	:19/04/2012	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 JAPAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KOJYO MAKOTO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A stud bolt according to the embodiments includes a first male screw portion and a second male screw portion on both sides, respectively. The second male screw portion has an outer diameter different from that of the first male screw portion, and a first recessed portion is formed in an end portion of the second male screw portion.



No. of Pages : 34 No. of Claims : 10

(54) Title of the invention : METHOD FOR DETERMINING THE FILL LEVEL OF A MEDIUM AND CORRESPONDING DEVICE.

(51) International classification :G01B7/26
 (31) Priority Document No :102012007979.6
 (32) Priority Date :24/04/2012
 (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)KROHNE MESSTECHNIK GMBH

Address of Applicant :LUDWIG-KROHNE-STRASSE 5,
 47058 DUISBURG, GERMANY

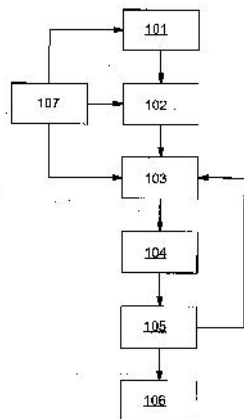
(72)Name of Inventor :

1)MICHAEL GERDING

2)MICHAEL VOGT

(57) Abstract :

Described and shown is a method for determining the fill level of a medium, wherein a transmission signal is transmitted, a received signal is received, and the received signal is evaluated in view of the process variable. The object of the invention is to provide a method for determining the fill level of a medium, which allows a general and flexible handling of interfering signals in the received signals. The object is met using the method discussed here, in that the transmission signal with adjustable transmission signal characteristics is transmitted in such a manner and/or that the received signal with adjustable receiving characteristics is received in such a manner and/or that the received signal and/or a signal derived from the received signal is evaluated using adjustable evaluation criteria in such a manner that the received signal and/or the signal derived from it are filtered into at least one sub-signal. Furthermore, the invention relates to a device for determining the fill level of a medium.



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

(54) Title of the invention : METHOD FOR REPAIRING REFRACTORIES IN CONVERTER

(51) International classification

:F16H

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

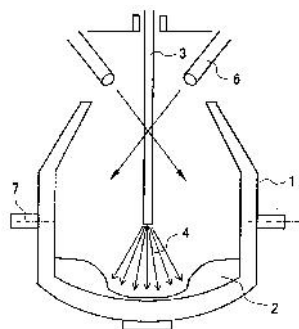
1)JFE STEEL CORPORATIONAddress of Applicant :2-3,UCHISAIWAI-CHO 2-CHOME,
CHIYODA-KU, TOKYO 100-0011 JAPAN

(72)Name of Inventor :

1)TAKAHASHI, DAISUKE**2)NISHIGUCHI, NORITAKA**

(57) Abstract :

This invention relates to a method for repairing refractories inside a converter by blowing a gas through an upper blowing lance onto a slag left in the converter after molten steel is tapped from the converter to coat a bottom and a side wall of the converter with the slag, wherein a shift angle of a gas discharge direction from a tip of the lance in a horizontal plane is within a range of $\pm 20^\circ$ with respect to a trunnion shaft in the converter.



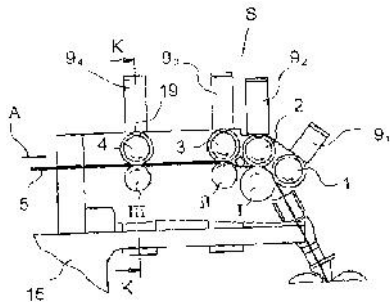
No. of Pages : 16 No. of Claims : 4

(54) Title of the invention : DEVICE ON A DRAFTING MECHANISM OF A SPINNING ROOM PREPARATION MACHINE, ESPECIALLY A DRAW FRAME, CARDING MACHINE, COMBING MACHINE, LAP WINDER OR THE LIKE

(51) International classification	:D01H5/46	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)TRÜTZSCHLER GMBH & CO. KG.
(32) Priority Date	007 777.7	Address of Applicant :DUVENSTRA E 82-92, D-41199,
(33) Name of priority country	:20/04/2012	MÖNCHENGLADBACH, GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)BRITTA LÜSTRAETEN
(87) 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 device on a drafting mechanism of a spinning room machine, especially a draw frame, carding machine, combing machine, lap winder or the like, for drafting one or more fibre slivers, having at least two roll pairs arranged one after another, the upper rolls of which are arranged to be pressed against the lower rolls by loading means, having at least one cylinder having a piston which can be subjected to loading and relieved of loading and which is arranged so as to be axially movable within a cylinder housing, from which piston a piston rod extends towards the upper roll, there being provided a sensor arrangement for determining the position of the piston having the piston rod, on the side remote from the piston rod a switching element is connected to the piston. In order to allow self-adjusting lap recognition with a desired spacing of the switching element from the switch, there is arranged, between one end of the switching element and the piston a magnetorheological substance, which cooperates with an electromagnetic coil; the loading means is a spring, for example a compression spring.



No. of Pages : 21 No. of Claims : 24

AMENDMENT UNDER SEC.57 (KOLKATA).

Applications for change in the *names* from VAE EISENBAHNSYSTEME GMBH to VOESTALPINE WEICHENSYSTEME GMBH and VAE GMBH to VOESTALPINE VAE GMBH in respect of the following Patents were filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14 to the Controller of Patents, if any, at the appropriate office.

Patent Nos. :

196618 (851/KOLNP/2003) ;

212979 (345/KOLNP/2005) .

**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	APPLICANT	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
254053	M/s. TVS MOTOR COMPANY LIMITED	CONE CLUTCH FOR CONTINUOUSLY VARIABLE TRANSMISSION	17/12/2012	CHENNAI
248073	Shri. JOSE PAUL MELETH & Shri. JOSEPH JUDE EMMANUEL PEREIRA	A PROCESS FOR THE PREPARATION OF A POLYMER COATED POWDER FREE FLEXIBLE RUBBER ARTICLE	30/12/2012	CHENNAI
248162	Shri. M.SHAILENDRA KUMAR	THE COMPACT DRAFTER	23/02/2012	CHENNAI
230240	M/s. THERMOGENESIS CORP	RUPTURE RESISTANT BLOW MOLDED FREEZER BAG FOR CONTAINING BLOOD PRODUCTS	14/06/2012	CHENNAI

**PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS**

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl.No.	Appln. No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriate Office
1.	IN/PCT/2001/914/KOL	206707	Alstom Power Inc(U.S.A)	An air compartment of a corner windbox of a tangenital firing system of a fossil fuel fired furnace	16.10.2009	Kolkata

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	185078	2961/DEL/1996	27/12/1996		A PROCESS FOR THE EXTRACTION FORMULATIONS MAINCY CONTAINING BACOSIDES	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH		DELHI
2	185149	2959/DEL/1996	27/12/1996		A PROCESS FOR THE SYNTHESIS OF 2, 3 - POLYMETHYLENE - 6,8-DIALKOXYQUINAZOLIN-4-ONE DERIVATIVES	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH		DELHI
3	185750	3504/DEL/1997	08/12/1997		A PROCESS FOR THE PREPARATION OF EDIBLE OIL WITH REDUCED-CALORIE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	12/09/2008	DELHI
4	257594	5831/DELNP/2005	10/08/2004	12/08/2003	TRIAXIAL BULKHEAD CONNECTOR	ADC TELECOMMUNICATIONS, INC	02/10/2009	DELHI
5	257595	8549/DELNP/2008	11/04/2007	11/04/2006	A PROCESS FOR PRODUCING A CANCER-TESTIS ANTIGEN-HYDROPHOBIZED POLYSACCHARIDE COMPLEX•	IMMUNO FRONTIER, INC.	01/05/2009	DELHI
6	257596	1273/DELNP/2007	30/08/2005	01/09/2004	A KIT COMPRISING AN OPIOID DOSAGE FORMS	EURO-CELTIQUE S.A	03/08/2007	DELHI
7	257598	2866/DELNP/2006	19/11/2004	19/11/2003	SERINE PROTEASES, NUCLEIC ACIDS ENCODING SERINE ENZYMES AND VECTORS AND HOST CELLS INCORPORATING SAME	GENENCOR INTERNATIONAL INC.,THE PROCTER & GAMBLE COMPANY	10/08/2007	DELHI
8	257601	5893/DELNP/2006	04/04/2005	02/04/2004	AN ADSORBENT FOR AN ORAL ADMINISTRATION	KUREHA CORPORATION	15/06/2007	DELHI
9	257602	3560/DELNP/2006	24/11/2004	24/11/2003	ICE RECRYSTALLISATION INHIBITION PROTEIN OR ANTIFREEZE PROTEINS FROM DESCHAMPSIA, LOLIUM AND FESTUCA SPECIES OF GRASS	AGRICULTURE VICTORIA SERVICES PTY. LTD.,	10/08/2007	DELHI
10	257603	6928/DELNP/2007	08/08/2003	08/08/2002	PROCESS FOR PRODUCTION OF LIVING RADICAL POLYMERS AND POLYMERS	OTSUKA CHEMICAL LTD.	28/09/2007	DELHI

11	257604	7101/DELNP/2006	26/05/2005	27/05/2004	A method for inactivating a virus contained in a sample	BAXTER INTERNATIONAL INC,BAXTER HEALTHCARE S.A.	31/08/2007	DELHI
12	257606	934/DELNP/2007	29/08/2005	02/09/2004	LOW MELTING POLYESTER POLYMERS	GRUPO PETROTEMEX, S.A. DE C.V.	03/08/2007	DELHI
13	257607	7615/DELNP/2006	20/06/2005	18/06/2004	RETINAL DERIVATIVES AND METHODS FOR THE USE THEREOF FOR THE TREATMENT OF VISUAL DISORDERS	UNIVERSITY OF WASHINGTON	24/08/2007	DELHI
14	257608	7175/DELNP/2008	28/02/2007	10/03/2006	DIBENZYL AMINE COMPOUNDS AND DERIVATIVES	PFIZER PRODUCTS INC	03/10/2008	DELHI
15	257609	1348/DEL/2004	21/07/2004	26/08/2003	STEERING DAMPER DEVICE	HONDA MOTOR CO.,LTD	30/06/2006	DELHI
16	257610	3001/DELNP/2007	04/11/2005	04/11/2004	METHOD FOR PREPARING AN IMIDIZED POLYMER	DSM IP ASSETS B.V.	17/08/2007	DELHI
17	257611	7460/DELNP/2006	25/07/2005	26/07/2004	N-HYDROXYAMIDE DERIVATIVES AND USE THEREOF	APPLIED RESEARCH SYSTEMS ARS HOLDINGS N.V.	22/06/2007	DELHI
18	257612	752/DEL/2005	31/03/2005		A PROCESS FOR THE ENHANCEMENT OF BETANIN EXTRACTION FROM RED BEET ROOT BY APPLICATION OF GAMMA-IRRADIATION	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	19/06/2009	DELHI
19	257613	2680/DELNP/2007	14/09/2005	17/09/2004	ELECTRONICALLY AND IONICALLY CONDUCTIVE POROUS MATERIAL AND METHOD FOR MANUFACTURE OF RESIN WAFERS THEREFROM	THE UNIVERSITY OF CHICAGO	03/08/2007	DELHI
20	257614	6570/DELNP/2006	17/01/2003	18/01/2002	POLYALKYLENE GLYCOL WITH MOIETY FOR CONJUGATING BIOLOGICALLY ACTIVE COMPOUNDS	BIOGEN IDEC MA INC	31/08/2007	DELHI
21	257615	3156/DEL/2005	25/11/2005		A PROCESS FOR THE CONTINUOUS PRODUCTION OF MAGNESIUM DIBORIDE BASED SUPERCONDUCTORS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	02/10/2009	DELHI
22	257617	10058/DELNP/2007	24/07/2006	25/07/2005	FRAGRANCE COMPOSITION	KAO CORPORATION	08/02/2008	DELHI
23	257618	2552/DELNP/2007	26/10/2005	01/11/2004	MODIFICATION OF ALKALINE EARTH SILICATE FIBRES	THE MORGAN CRUCIBLE COMPANY PLC	03/08/2007	DELHI

24	257619	2965/DELNP/2004	20/03/2003	18/04/2002	A METHOD OF MULTICASTING DATA OVER A WIRELESS COMMUNICATION NETWORK	ERICSSON INC.	09/10/2009	DELHI
25	257620	1135/DELNP/2007	07/07/2005	23/07/2004	A METHOD OF OPTIMIZING PORTIONS OF A FRAME	QUALCOMM INCORPORATED	27/04/2007	DELHI
26	257621	2931/DELNP/2004	31/03/2003	31/03/2003	A DEVICE USEFUL FOR SIGNAL TRANSFER FROM STATIC TO ROTATING SURFACE	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	13/04/2007	DELHI
27	257623	1922/DELNP/2007	07/09/2005	10/09/2004	A METHOD FOR ANTENNA SELECTION IN WIRELESS COMMUNICATION	INTERDIGITAL TECHNOLOGY CORPORATION	17/08/2007	DELHI
28	257624	3196/DEL/2005	29/11/2005		METHOD AND SYSTEM FOR DOCUMENT AUTHENTICATION	NEWGEN SOFTWARE TECHNOLOGIES LTD.	16/10/2009	DELHI
29	257625	1536/DELNP/2004	20/12/2002	21/12/2001	METHOD OF OPERATING A MOBILE TELEPHONE NETWORK HAVING A PLATFORM PROCESSING A CALL, EVENT OR SESSION	FRANCE TELECOM SA.,	16/03/2007	DELHI
30	257626	3330/DELNP/2007	08/11/2005	16/11/2004	A METHOD AND APPARATUS FOR SIMULATING FILM GRAIN IN AN ORDERED SEQUENCE.	THOMSON LICENSING	31/08/2007	DELHI
31	257627	5907/DELNP/2007	15/02/2006	15/02/2005	A SEALING DEVICE FOR A NOZZLE TENSION NUT OF A FUEL INJECTOR	SIEMENS AKTIENGESELLSCHAFT	10/08/2007	DELHI
32	257631	1655/DELNP/2007	09/09/2005	10/09/2004	SEMICONDUCTIVE POLYMER COMPOSITION	BOREALIS TECHNOLOGY OY	17/08/2007	DELHI
33	257634	2346/DEL/2005	01/09/2005	08/09/2005	ELECTRONIC CONTROL SYSTEM FOR OPERATING GROUPS OF A VEHICLE	PIAGGIO & C. S.P.A.	31/07/2009	DELHI
34	257640	7813/DELNP/2006	04/08/2004	04/08/2004	SHEAVE FOR USE IN AN ELEVATOR SYSTEM	OTIS ELEVATOR COMPANY	24/08/2007	DELHI
35	257641	776/DELNP/2006	16/07/2004	17/07/2003	SELF-CONTAINED,PORTABLE HEAT CONTROL DEVICE	ITS KOOL LLC	24/08/2007	DELHI
36	257645	4031/DELNP/2007	02/12/2005	03/12/2004	METHOD OF SYNTHESIZING HIGHER-MOLECULAR ALCOHOL	KABUSHIKI KAISHA SANGI	31/08/2007	DELHI
37	257651	00476/DELNP/2003	27/03/2001	27/03/2001	A MULTI-FIBER OPTIC 2D-ARRAY DEVICE FOR SENSING AND LOCALIZING ENVIRONMENT PERTURBATION USING SPECKLE IMAGE PROCESSING	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	09/03/2007	DELHI

38	257652	4366/DELNP/2007	17/11/2005	08/12/2004	HYDROCARBON CONVERSIN PROCESS	UOP LLC	24/08/2007	DELHI
39	257655	1450/DEL/2006	19/06/2006	24/06/2005	POWER MANAGEMENT OF MULTIPLE PROCESSORS	DELL PRODUCTS L.P.	31/08/2007	DELHI
40	257656	2801/DELNP/2006	12/11/2004	19/11/2003	ICE VENDING APPARATUS	ICE HOUSE AMERICA LLC	10/08/2007	DELHI
41	257659	913/DEL/2003	22/07/2003	31/07/2002	AIR FUEL INJECTION ENGINE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	25/02/2005	DELHI
42	257662	1689/DELNP/2007	29/07/2005	04/08/2004	DIASTEREOSELECTIVE REDUCTIVE AMINATION PROCESS.	MERCK SHARP & DOHME CORP, MERCK FROSST CANADA LTD	03/08/2007	DELHI
43	257663	3614/DELNP/2005	26/02/2004	26/02/2003	METHOD AND SYSTEM FOR WIRELESS PACKET COMMUNICATION	MOTOROLA MOBILITY INC.	02/10/2009	DELHI
44	257665	3713/DELNP/2006	24/02/2005	27/02/2004	A METHOD OF SEPARATING ANTIBODIES AND SYSTEM FOR THE PURIFICATION OF SAME	GE HEALTHCARE BIO-SCIENCES AB	13/07/2007	DELHI
45	257668	1831/DEL/1998	30/06/1998	15/07/1997	RAILWAY RAIL FASTENING ASSEMBLY FOR FASTENING A RAILWAY RAIL TO AN UNDERLYING FOUNDATION	PANDROL LIMITED	12/06/2009	DELHI
46	257671	3277/DELNP/2007	19/10/2005	01/11/2004	DIRECT RETURN OF OXYGENATE RECYCLE STREAM IN OLEFIN PRODUCTION PROCESS	UOP LLC	31/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257593	2478/MUM/2007	18/12/2007		IC ENGINE COOLING SYSTEM WITH INTEGRATED THERMOSTAT AND COOLANT PUMP HOUSING	TATA MOTORS LIMITED	18/04/2008	MUMBAI
2	257600	2100/MUM/2007	24/10/2007		A PROCESS TO CONVERT ETHYL PARABEN IN TO PARA ETHOXY ETHYL BENZOATE (PEEB)	GUJARAT ORGANICS LTD.	12/06/2009	MUMBAI
3	257605	1271/MUMNP/2008	12/01/2007	13/01/2006	LOCALIZED AND DISTRIBUTED ALLOCATION MULTIPLEXING AND CONTROL	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
4	257642	1361/MUMNP/2009	23/01/2008	23/01/2007	COATED ABRASIVE PRODUCTS CONTAINING AGGREGATES	SAINT-GOBAIN ABRASIVES, INC., SAINT-GOBAIN ABRASIFS	09/04/2010	MUMBAI
5	257643	1105/MUMNP/2010	27/10/2008	29/02/2008	METHOD OF REGENERATING EXHAUST GAS TREATMENT CATALYST	MITSUBISHI HEAVY INDUSTRIES, LTD.	24/09/2010	MUMBAI
6	257644	799/MUMNP/2008	23/10/2006	28/10/2005	A DEVICE FOR THE ELECTROLYTIC TREATMENT OF A FLUID	AKUATECH S. R. L.	27/06/2008	MUMBAI
7	257670	170/MUMNP/2008	11/08/2006	16/08/2005	METHOD AND APPARATUS FOR IMPROVING THE AIR QUALITY WITHIN AN ENCLOSED SPACE	OXYVITAL LIMITED	07/03/2008	MUMBAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257597	1081/CHE/2008	01/05/2008	01/05/2007	A DOCUMENT READING APPARATUS	CANON KABUSHIKI KAISHA	21/08/2009	CHENNAI
2	257628	326/CHENP/2008	02/10/2002	04/10/2001	PHENYL-PIPERIDINE DERIVATIVES AS SEROTONIN REUPTAKE INHIBITORS	H.LUNDBECK A/S	19/09/2008	CHENNAI
3	257629	1597/CHE/2006	04/09/2006		PHARMACEUTICAL FORMULATION FOR USE IN HIV THERAPY	MYLAN LABORATORIES LIMITED	02/05/2008	CHENNAI
4	257632	2852/CHE/2007	30/11/2007		METHOD OF PROCESSING AN INPUT DOCUMENT BY A MULTI-FUNCTION PERIPHERAL BASED ON SPECIAL CHARACTERS IN THE INPUT DOCUMENT	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	11/09/2009	CHENNAI
5	257639	355/CHE/2005	01/04/2005	02/04/2004	SPINNING MACHINE WITH SEVERAL DRAFTING DEVICE DRIVES	MASCHINENFABRIK RIETER AG	08/06/2007	CHENNAI
6	257646	2409/CHE/2008	30/09/2008 16:44:21	23/09/2008	SYSTEM AND METHOD FOR ASSEMBLING A TIRE AND A WHEEL	ANDROID INDUSTRIES LLC	02/04/2010	CHENNAI
7	257647	1014/CHE/2008	24/04/2008 16:04:34	27/04/2007	INTERNAL COMBUSTION ENGINE	HONDA MOTOR CO. LTD	21/08/2009	CHENNAI
8	257649	4480/CHENP/2007	24/02/2006	10/03/2005	METHOD FOR COMMUNICATION BETWEEN AN APPLICATION AND A CLIENT	INTERNATIONAL BUSINESS MACHINES CORPORATION	25/01/2008	CHENNAI
9	257650	239/CHENP/2007	21/06/2005	21/06/2004	AN AQUEOUS COMPOSITION AND PROCESS FOR PRODUCING CEMENT	SIKA TECHNOLOGY AG	24/08/2007	CHENNAI
10	257653	1037/CHENP/2007	13/06/2005	12/08/2004	SINGLE LINE DISTRIBUTOR	WILLY VOGEL AG	17/08/2007	CHENNAI
11	257657	2427/CHENP/2006	09/05/2005	07/05/2004	DATA ENCODING IN FILE DOWNLOAD AND STREAMING SYSTEMS	DIGITAL FOUNTAIN, INC.	08/06/2007	CHENNAI

12	257658	151/CHENP/2007	13/06/2005	14/06/2004	CONDENSED PYRIMIDINE DERIVATIVE AND XANTHINE OXIDASE INHIBITOR	NIPPON CHEMIPHAR CO., LTD	24/08/2007	CHENNAI
13	257660	3786/CHENP/2008	19/12/2006	21/12/2005	SHAPE-FORMING SHUTTER APPARATUS AND SHUTTER PIECE THEREOF	RHEON AUTOMATIC MACHINERY CO., LTD.	13/03/2009	CHENNAI
14	257661	1385/CHE/2008	06/06/2008 16:47:21	08/06/2007	FLUID ACTUATED CIRCULATING SUB	BJ SERVICES COMPANY	21/08/2009	CHENNAI
15	257664	2624/CHENP/2007	01/12/2005	17/12/2004	PARKING GARAGE	SCIENCE IN MOTION GMBH & CO. KG	07/09/2007	CHENNAI
16	257666	4759/CHENP/2006	02/07/2004	02/07/2004	A PROCESS FOR RESOLUTION OF 2-SUBSTITUTED PHENYLGLYCINE ACIDS OR ESTERS THEREOF	BATTULA SRINIVASA REDDY	29/06/2007	CHENNAI
17	257669	193/CHENP/2007	17/06/2005	17/06/2004	CONTROL METHODOLOGY FOR A MULTI-AXIAL WHEEL FATIGUE SYSTEM	MTS Systems Corporation	24/08/2007	CHENNAI
18	257672	4040/CHENP/2006	29/03/2005	05/04/2004	STEREO CODING AND DECODING METHODS AND APPARATUSES THEREOF	KONINKLIJKE PHILIPS ELECTRONICS N.V.	15/06/2007	CHENNAI
19	257673	1345/CHE/2006	31/07/2006		METHOD FOR INTER-WORKING IN A MULTI PROTOCOL REVISION BASED ON EVOLUTION DATA OPTIMIZED (EVDO) COMMUNICATION SYSTEMS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	191982	134/CAL/1997	24/01/1997	24/01/1996	SPORTS BAT AND METHOD OF PRODUCING THE SAME	CADCAM TECHNOLOGY LIMITED	31/01/2004	KOLKATA
2	257599	839/KOLNP/2008	31/08/2006	31/08/2005	A HEAT EXCHANGE COOLER FOR COOLING HEAT GENERATING EQUIPMENT CONTAINED IN A BOX	PANASONIC CORPORATION	21/11/2008	KOLKATA
3	257616	1403/KOLNP/2009	07/11/2007	29/12/2006	POLYOLEFIN COMPOSITION COMPRISING SILICON-CONTAINING FILLER	BOREALIS TECHNOLOGY OY	29/05/2009	KOLKATA
4	257622	263/KOLNP/2008	21/06/2006	19/07/2005	MULTI-CHANNEL AUDIO DECODER AND ENCODER AND METHOD FOR PROCESSING AUDIO SIGNAL	FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,AGERE SYSTEMS INC.	19/09/2008	KOLKATA
5	257630	2334/KOLNP/2006	11/03/2005	15/03/2004	PROCESS FOR THE SYNTHESIS OF A CXCR4 ANTAGONIST	ANORMED,INC.	25/05/2007	KOLKATA
6	257633	486/CAL/2002	19/08/2002	30/08/2001	APPARATUS AND METHOD FOR ADAPTING A SECOND TRANSPORT STREAM INCLUDED WITH IN A FIRST TRANSPORT STREAM	THOMSON LICENSING S.A.	05/12/2008	KOLKATA
7	257635	1094/KOL/2008	24/06/2008	27/07/2007	ELECTRIC MOTOR POWER CONNECTION ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
8	257636	538/KOL/2008	18/03/2008		METHOD FOR STATOR ANCHORING FOR HYDROGENERATORS	BHARAT HEAVY ELECTRICALS LIMITED	25/09/2009	KOLKATA
9	257637	2384/KOLNP/2006	18/03/2005	26/03/2004	SQUEEZE VALVE	PUTZMEISTER ENGINEERING GMBH	25/05/2007	KOLKATA
10	257638	3233/KOLNP/2006	22/11/2002	22/11/2001	A METHOD FOR CODING A COEFFICIENT OF A FREQUENCY COMPONENT OF IMAGE DATA	PANASONIC CORPORATION	08/06/2007	KOLKATA

11	257648	111/KOL/2008	16/01/2008		AN EMBEDDED PROTOCOL CONVERTER FOR INTERFACING ELECTRONIC CONTROLLERS OF ELECTROSTATIC PRECIPITATOR AND DISTRIBUTED CONTROL SYSTEM	BHARAT HEAVY ELECTRICALS LIMITED	31/07/2009	KOLKATA
12	257654	2693/KOLNP/200 6	25/03/2004	25/03/2004	TRANSFER STAR-WHEEL FOR TRANSFERRING SEALED, FLEXIBLE CONTAINERS AND METHOD FOR COOLING FLEXIBLE CONTAINERS	INDAG GESELLSCHAFT FUR INDUSTRIEBEDARF MBH & CO. BETRIEBS KG	01/06/2007	KOLKATA
13	257667	684/KOLNP/2007	19/08/2005	19/08/2004	FLUORESCENT pH DETECTOR SYSTEM AND RELATED METHODS	BLOOD CELL STORAGE, INC.	06/07/2007	KOLKATA

CONTINUED TO PART- 2