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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

27th SEPTEMBER, 2013

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**THE PATENT OFFICE
KOLKATA, 27/09/2013**

Address of the Patent Offices/Jurisdictions

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

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

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

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

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पेटेंट कार्यालय
कोलकाता, दिनांक 27/09/2013
कार्यालयों के क्षेत्राधिकार के पते
विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ
नीचे दिए गए हैं :-

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

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

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

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

SPECIAL NOTICE

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Chaitanya Prasad)

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SPECIAL NOTICE

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

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

SPECIAL NOTICE

Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is 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.2499/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :23/08/2013

(43) Publication Date : 27/09/2013

(54) Title of the invention : A NOVEL MOUTH FRESHENER COMPOSITION AND THE PROCESS OF PREPARING THE SAME

(51) International classification	:A61K	(71) Name of Applicant : 1)RAJKUMAR ARORA Address of Applicant :H-341, GROUND FLOOR, NEW RAJENDRA NAGAR DELHI-110060, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MR. RAJKUMAR ARORA
Filing Date	:NA	
(87) 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 novel mouth freshener composition. More particularly, the present invention relates to a mouth freshener composition having no poisoning effects of tobacco products such as Cigarettes, Gutka etc. More particularly, the present invention relates to mouth freshener composition prepared by using kattha (cateche), chunna, supari, maize starch, muretthi, menthol, natural perfume, glycerin and also eatable cardamom (elaichi) and mixture of clove powder and black cardamom powder, nutmeg powder, mace powder and cinnamon powder in particular ratio. Moreover this invention relates to the process for the preparation of the composition containing the above ingredients.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/08/2013

(21) Application No.2500/DEL/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A NOVEL CHEWABLE MOUTH FRESHENER COMPOSITION AND THE PROCESS OF PREPARING THE SAME

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

(71)Name of Applicant :

1)RAJKUMAR ARORA

Address of Applicant :H - 341, GROUND FLOOR, NEW RAJENDRA NAGAR NEW DELHI-110060, INDIA

(72)Name of Inventor :

1)RAJKUMAR ARORA

(57) Abstract :

The present invention relates to a novel chewable mouth freshener composition. More particularly, the present invention relates to a novel chewable mouth freshener composition having no poisoning effects of tobacco products such as Gutka etc. More particularly, the present invention relates to mouth freshener composition prepared by using murethi, kattha (cateche), supari, menthol, chunna, natural perfume, glycerin and also eatable cardamom (elaichi) and mixture of clove powder and black cardamom powder, nutmeg powder, mace powder and cinnamon powder in particular ratio. Moreover this invention relates to the process for the preparation of the composition containing the above ingredients.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2013

(21) Application No.1329/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FUNNEL SHAPED ROOF COVER LID (SIEVE) FOR ALL TANKS (RESERVOIR) FOR RAIN WATER HARVESTING.

(51) International classification	:E03B3/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)DR. DESHPANDE SHARADCHANDRA GOVIND
(32) Priority Date	:NA	Address of Applicant :RAHUL CLINIC, 24 ELLORA
(33) Name of priority country	:NA	COMPLEX NEXT TO SBI ZONAL OFFICE CIDCO N-5
(86) International Application No	:NA	AURANGABAD, MAHARASHTRA, INDIA
Filing Date	:NA	2)DR. DESHPANDE RAHUL SHARADCHANDRA
(87) International Publication No	: NA	3)MRS. DESHPANDE RAPATWAR ANAGHA
(61) Patent of Addition to Application Number	:NA	PRABHAKAR
Filing Date	:NA	(72) Name of Inventor :
(62) Divisional to Application Number	:NA	1)DR. DESHPANDE SHARADCHANDRA GOVIND
Filing Date	:NA	

(57) Abstract :

The present invention provides modified tanks for the rain water harvesting which comprises a storage tank having water storage, the opening edges of the said tank are extended to form funnel shaped structures. The said tank also has a filtering unit adaptably fitted on the opening of the said tank for filtering the rain water being collected in the tank. The modified tanks may also be connected to each other to converge in storage tanks on ground or underground for using the water periannualiy. It also provides a process for rainwater harvesting using the modified tanks provided by the present invention. The process of rain water harvesting provided by the present invention works without use of power.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2929/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ARTIFICIAL INTELLIGENCE AUTOMOBILITY FOR FORK LIFTS

(51) International classification	:B66F9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(32) Priority Date	:NA	2)K K Wagh Polytechnic, Nashik
(33) Name of priority country	:NA	3)Prof. Deepak Rajanikant Pawar
(86) International Application No	:NA	4)Prof. Anil Tanaji Karanjkar
Filing Date	:NA	5)Nichat Ajinkya Vasant
(87) International Publication No	: NA	6)Shinde Shriniwas Vasantrao
(61) Patent of Addition to Application Number	:NA	7)Rao Sachin Balkrushna
Filing Date	:NA	8)Gaidhani Sushant Sudhir
(62) Divisional to Application Number	:NA	9)Joshi Kedar Suhas
Filing Date	:NA	10)Bhavik Bhagvan Keswani

(57) Abstract :

The Artificial Intelligence Automobility (AIA) for fork lift is designed to make the process of stocking warehouses and material handling in industries safer and more efficient. With current manually operated fork-lifts, employees are at risk of injury. Employers also spend a lot of money on insurance and paying multiple employees to operate fork-lifts in their warehouses. The AIA will limit the need for employees to operate fork-lifts manually. Automatic Fork-lift is much more efficient and safer than the conventional fork-lifts. It will provide much greater safety while working in industries. Our implementation also helps industries by saving their money in material handling process i.e. the money actually industries spending on the workers of material handling, Fork-lifts truck Drivers and Helpers. This invention has improvised the working in all the medium and large scale industries providing sequential and accident free working while material handling in Warehouses, Shop floors, inside plant etc. Following invention is described in detail with the help of Figure 1 of sheet 1 shows conventional manually battery operated fork lift, Figure 2 of sheet 1 shows top view of designed embodiment of automated fork lift, Figure 3 of sheet 2 shows Artificial Intelligence Automobility, Figure 4 of sheet 3 shows Working of RFID™s, Figure 5 of sheet 3 shows Proxy sensors, Figure 6 of sheet 4 shows microcontroller with a to d decoder, Figure 7 of sheet 4 shows microcontroller program with relay.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2930/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PORTABLE CAR

(51) International classification	:B60R99/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(32) Priority Date	:NA	2)Guru Gobind Singh Polytechnic, Nashik
(33) Name of priority country	:NA	3)Prof. Dipak Shrikrishna Welkar
(86) International Application No	:NA	4)Akash Nadev Ahire
Filing Date	:NA	5)Prafulla Chhabu Balerao
(87) International Publication No	: NA	6)Shantaram Rajendra Kokate
(61) Patent of Addition to Application Number	:NA	7)Santosh Madhukar Aher
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)Prof. Dipak Shrikrishna Welkar
Filing Date	:NA	2)Akash Nadev Ahire
		3)Prafulla Chhabu Balerao
		4)Shantaram Rajendra Kokate
		5)Santosh Madhukar Aher

(57) Abstract :

Present invention we used the motor and battery instead of engine. Portable Car can be assemble and dissemble whenever necessary and also we can carry suitcase anywhere and if necessary we can assemble it in just less than four minute and drive it. In this portable car we used four wheels out of that the power is given one wheel and other wheels are supporting wheel. If there is no use of car then we can just simply dissemble the car& put it in to the suitcase. The portable car can carry weight up to 100kg. Maximum speed of portable car is 30 km/hr. fully charged battery can run up to 70km. following invention is described in detail with the help of Figure 1 of sheet 1 shows rear frame assembly, Figure 2 of sheet 2 shows front frame assembly, Figure 3 of sheet 3 shows frame holding rod and assembly, Figure 4 of sheet 4 shows wheel rod assembly, Figure 5 of sheet 5 shows motor shaft guide bracket, Figure 6 of sheet 6 shows handle assembly, Figure 7 of sheet 7 shows bracket wheel assembly.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2932/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BULLOCK OPERATED WATER LIFTING MECHANISM

(51) International classification	:F04B47/00	(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)HSBVT™s Parikrama Poly. Kashti
(32) Priority Date	:NA	3)Prof R. N. Gaikwad
(33) Name of priority country	:NA	4)Bhosle Samadhan
(86) International Application No	:NA	5)Chakane Mahesh
Filing Date	:NA	6)Chavan Akshay
(87) International Publication No	: NA	7)Devikar Siddheshwar
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Prof R. N. Gaikwad
(62) Divisional to Application Number	:NA	2)Bhosle Samadhan
Filing Date	:NA	3)Chakane Mahesh
		4)Chavan Akshay
		5)Devikar Siddheshwar

(57) Abstract :

Following invention provides a guider which can be used for lifting water especially in rural areas and places where there is scarcity of electricity mainly comprising of Differential Gear Box, Centrifugal water pump, Pulley, Pedal step bearings, Rotor, Flange, Pipes & foot valve, Shaft, Bracket etc. in the present invention we use the concept of multiple ratio, means the using differential gear box which can operates on the ratio of 4:1. Means when the one rotation of the inlet done at that time the outlet rotations are about four. By using this concept we can increases the rotations of our machine. Hence, we prove that using the bullock power it is possible the rotating water pump and lifting water without using of conventional energy sources.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2933/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PEDAL POWERED HACK SAW MACHINE

(51) International classification	:B23D57/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(32) Priority Date	:NA	2)Yashwantrao chavan Institute of polytechnic Beed
(33) Name of priority country	:NA	3)Prof. Nitin Meghraj Gaikwad
(86) International Application No	:NA	4)Sajan Jayarajan Thazathayil
Filing Date	:NA	5)Kiran Virendrasingh Bundele
(87) International Publication No	: NA	6)Bhayyasaheb Subhash Dolas
(61) Patent of Addition to Application Number	:NA	7)Santosh Vitthalrao Hule
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)Prof. Nitin Meghraj Gaikwad
Filing Date	:NA	2)Sajan Jayarajan Thazathayil
		3)Kiran Virendrasingh Bundele
		4)Bhayyasaheb Subhash Dolas
		5)Santosh Vitthalrao Hule

(57) Abstract :

Accordingly following invention provides a Pedal powered hacksaw which works on the principle of ~Slider Crank Mechanism.™ The device mainly comprises of Basement Frame, Cycle Frame, Hacksaw Frame, Hacksaw Blade, Free Wheel Sprocket Large, Free Wheel Sprocket Small, Chain, Connecting Link, Guideway, spring, Rollers, Vice, Nuts, Bolts, Washers and Mild Steel Pipes etc. The working of the device demonstrates the conversion of rotary motion into linear reciprocating motion.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2934/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTROMAGNETIC SHEARING MACHINE

(51) International classification

:B23D31/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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4)Mangesh Sharad Pendharkar

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7)Vinod Dattu Sumbhe

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(57) Abstract :

Present invention provides an electromagnetic shearing machine that is capable of cutting Sheet metal / PVC/ Plastic/ Rubber pipes etc. Also it is pre-assigned work to furnish the same machine along with an automation unit. As simple layout and tricky operational enables this type of machine to work practically at low cost, low maintenance, low capital investment in less space. Following invention is described in detail with the help of Figure 1 of sheet 1 shows embodiment of electromagnetic sheering machine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2936/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIRELESS SECURITY SYSTEM

(51) International classification	:H04W12/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(32) Priority Date	:NA	2)Govt. Residential Woman™s Polytechnic, Latur
(33) Name of priority country	:NA	3)Prof. A S Laturkar
(86) International Application No Filing Date	:NA	4)Suryawanshi Priyanka Narayan
(87) International Publication No	: NA	5)Biradar Supriya Dhondiram
(61) Patent of Addition to Application Number Filing Date	:NA	6)Kambale Jyoti Dondiram
(62) Divisional to Application Number Filing Date	:NA	(72)Name of Inventor : 1)Prof. A S Laturkar 2)Suryawanshi Priyanka Narayan 3)Biradar Supriya Dhondiram 4)Kambale Jyoti Dondiram

(57) Abstract :

Wireless security system in this project circuit can detect over shout detector, door guard for the store room, burglar detector, fire detector. There are two sections of the whole circuit. One is transmitter and another is receiver. Transmitter circuit is placed at the place which we want to be secure. The receiver circuit is placed at our home or office or police station. The multi channel security can be possible using this circuit. The information and the status of the security can be detect in the receiver section above four condition is explained by voice. So it is easier and secure to implement it. The wireless camera can be interface with this to take video of the secured area. Following invention is described in detail with the help of Figure 1 of sheet 1 shows block diagram of security transmitter, Figure 2 of sheet 2 shows block diagram of security receiver, Figure 3 of sheet 3 shows circuit diagram of security transmitter, Figure 4 of sheet 4 shows circuit diagram of security receiver

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2937/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FABRICATION OF REMOTE CONTROLLED WHEEL CHAIR CUM BED

(51) International classification

:A61G5/10

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Maharashtra State Board of Technical Education

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2)Priyadarshani Polytechnic Nagpur

3)Prof. Nagesh Krushnarao Ijmulwar

4)Suman Bhawal

5)Raja

6)Vivek Palaskar

7)Heerak dadhe

(72)Name of Inventor :

1)Prof. Nagesh Krushnarao Ijmulwar

2)Suman Bhawal

3)Raja

4)Vivek Palaskar

5)Heerak dadhe

(57) Abstract :

There are many reasons why a person may not be able to travel freely, including motor control problems, spinal injuries, and amputation. A wheelchair is a mechanical device that can often assist. It effectively uses wheels and mechanical support to overcome a loss of legs or leg control. Manual wheelchairs can be operated by persons who have the use of their upper body or someone available to assist. So, after survey of many handicapped person it has been found that if the person™s wheelchair can lift and slide the person can do many work independently. Present invention provides a wireless Controlled Wheelchair Cum Bed to provide full comfort to the patient at the very reasonable cost so that they can easily purchase it And make their life more easy and self reliant. Following invention is described in detail with the help of Figure 1 of sheet 1 showing side view of the embodiment before expanding and Figure 2 of sheet 1 showing side view of the embodiment after expanding.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2938/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLOATING BUCKET HYDRO TURBINE

(51) International classification	:F03B13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(32) Priority Date	:NA	2)Vidya Prasarak Mandal's Polytechnic
(33) Name of priority country	:NA	3)Mrs. R U patil
(86) International Application No	:NA	4)Yash R More
Filing Date	:NA	5)Mrunmayi R Patkar
(87) International Publication No	: NA	6)Vidyesh G Kale
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mrs. R U patil
(62) Divisional to Application Number	:NA	2)Yash R More
Filing Date	:NA	3)Mrunmayi R Patkar
		4)Vidyesh G Kale

(57) Abstract :

Accordingly following invention provides a device and methodology for electricity generation using FLOATING BUCKET HYDRO TURBINE which works on a basic principle of Hydroelectric Generator mainly comprising of Rod for shaft, FRP turbine, Turbine Blade, suspension, Nut bolt, Bearing Housing, Nozzle Jet, Water Inlet Pipe, Water Out Let Pipe, Chain drive, Turbine supports, column, pump, Water tank, dynamo etc. Waterpower is a combination of HEAD and FLOW. Head and Flow are two most important things you need to know about the site. Every aspects of the Hydro system revolve around Head and Flow. The generation of electricity is the simply conversion of one form of power to another. The turbine converts water power into rotational power at its shaft, which is then converted to electrical power by the generator. Following invention is described in detail with the help of figure 1 of sheet 1 shows setup of floating hydro turbine, figure 2 of sheet 2 shows schematic view of one of the preferred embodiment, figure 3 of sheet 2 shows top view of one of the preferred embodiment of floating bucket hydro turbine.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2940/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLAR OPERATED AUTOMATIC RAILWAY GATE

(51) International classification	:B61L29/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	2)Dr. N P Hirani Institute of Polytechnic
(86) International Application No	:NA	3)Prof. N R Rathod
Filing Date	:NA	4)Suraj Shewatkar
(87) International Publication No	: NA	5)Pranav Chaudhari
(61) Patent of Addition to Application Number	:NA	6)Ashish Gorlewar
Filing Date	:NA	7)Suraj Bojewar
(62) Divisional to Application Number	:NA	8)Bramhanand Jadhao
Filing Date	:NA	(72)Name of Inventor :

(57) Abstract :

Present invention provides an automatic railway gate at a level crossing replacing the gates operated by the gatekeeper. It deals with three things. Firstly, it deals with the reduction of time for which the gate is being kept closed, secondly, to provide safety to the road users by reducing the accidents and finally, it saves electricity because in this system we are using solar energy. By employing the automatic railway gate control at the level crossing the arrival of train is detected by the (limit switch) placed on either side of the gate at about 5km from the level crossing. Once the arrival is sensed, the sensed signal is sent to the relay and, buzzer indication and light signals on either side are provided to the road users indicating the closure of gates. After the arrival of train is sensed by second sensor (limit switch 2) at about 4km from level crossing the motor is activated and the gates are closed. The departure of the train is detected by sensors placed at a distance depending upon length of train from the gate. The signal about the departure is sent to the relay, which in turn operates the motor and opens the gate and green signal is given to road user. Thus, the time for which the gate is closed is less compared to the manually operated gates since the gate is closed depending upon the telephone call from the previous station. Also reliability is high as it is not subjected to manual errors. Following invention is described in detail with the help of figure 1 of sheet 1 showing design and assembly of embodiment of solar operated railway gate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2941/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COGNITIVE ASSISTANCE SYSTEM FOR VISUALLY IMPAIRED

(51) International classification	:A61H3/06, G09B21/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)Maharashtra State Board of Technical Education

Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.
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3)Ms. Dipeeka M Mukane

4)Amol Mane

5)Sachin Raul

(72)Name of Inventor :

1)Ms. Dipeeka M Mukane

2)Amol Mane

3)Sachin Raul

(57) Abstract :

Blind people are often found to be struggling with obstacles along their path. They are more prone to falls and other accidents because they cannot clearly discern their expensive will be the usual result. The Hidden Eye is the best solution to replace the walking cane or a guide dog. The walking cane must hit the object first then only the blind man can detect it. The Hidden Eye is equipped with infrared sensors which will detect the object at a certain distance and avoid it instead of hitting it. Hence it acts much better than a guide dog. The microcontroller is programmed to use infrared sensors to avoid obstacles. The components and the materials used are easily available in the market. The design proposed is like a big foot two tyre vehicle with sensors attached with a stick to be hold by the blind man. Three sensors are used two of them pointing in Left and Right direction and the third sensors pointing at the bottom to detect holes. Only one switch will be provided at the top of the cane which would be hold by the Blind man to start the circuit. The invention is described by way of example with reference with the help of Figure 1 of sheet 1 showing block diagram of the assembly of one of the preferred embodiment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2942/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RFID BASED MUSEUM GUIDE FOR TOURISTS

(51) International classification	:G09B5/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education
(32) Priority Date	:NA	Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)Zes's Dyanganga Poly. Pune
Filing Date	:NA	3)Mr. Akshay Shinde
(87) International Publication No	: NA	4)Akash Bharam
(61) Patent of Addition to Application Number	:NA	5)Tushar Deshpande
Filing Date	:NA	6)Avinash Kachare
(62) Divisional to Application Number	:NA	7)Pratik Kathwate
Filing Date	:NA	(72)Name of Inventor :
		1)Mr. Akshay Shinde
		2)Akash Bharam
		3)Tushar Deshpande
		4)Avinash Kachare
		5)Pratik Kathwate

(57) Abstract :

RFID enabled tour assistant is expected to replace tourist guides to an extent. ItTMs a voice enabled device that speaks out as the tourist is traveling from places to places (museum). When the tourist is standing near major landmarks, it will detect the RFID tag and will play an audio clip relevant to that location. This is achieved by placing a RFID receiver with the tourist (palm device). As soon as the palm device comes in the vicinity id the RF tag the microcontroller receives the RF tag unique id from the receiver and matches it with its own data base. If match occurs the microcontroller will play an audio clip relevant to that statue/painting. Audio files are tagged with location coordinates and a tolerance range. In a particular location, the file that matches the tolerance range is played. Following invention is described in detail with the help of figure 1 of sheet 1 shows block diagram of the embodiment, Figure 2 of sheet 2 shows circuit diagram of the embodiment, Figure 3 of sheet 3 shows PCB layout of the embodiment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2943/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INDIRECT EVAPORATIVE COOLER

(51) International classification	:F24F5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(32) Priority Date	:NA	2)P.R.Patil Institute of Polytechnic & Technology
(33) Name of priority country	:NA	3)Prof. Ashish Rameshwar Sonekar
(86) International Application No	:NA	4)Rumit Rajesh Chendulkar
Filing Date	:NA	5)Pawan Murlidhar Dhayal
(87) International Publication No	: NA	6)Faizan Siddiqui Azhar Siddique
(61) Patent of Addition to Application Number	:NA	7)Harshad Sahebrao Ghormade
Filing Date	:NA	8)Rupam Baburao Gomashe
(62) Divisional to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Prof. Ashish Rameshwar Sonekar
		2)Rumit Rajesh Chendulkar
		3)Pawan Murlidhar Dhayal
		4)Faizan Siddiqui Azhar Siddique
		5)Harshad Sahebrao Ghormade
		6)Rupam Baburao Gomashe

(57) Abstract :

The Indirect Evaporative Cooler□ saves energy consumption as well as the space problem. The cost required for cooling device is very low & is economical. It is best suited for rural areas or middle class families because they can use it as AC. Its operation & maintenance is easy. The machine has only three elements™ that transform it from a cooler to an AC; a sheet metal, 100 ft copper wire and a water pump. When air passes through any chilled object, it gradually cools down. Following invention is described in detail with the help of figure 1 showing block diagram of assembly of the device.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2944/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRIC POLE CLIMBING ROBOT

(51) International classification	:B25J11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education
(32) Priority Date	:NA	Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)Y.B. Patil poly.
Filing Date	:NA	3)Swati Patil
(87) International Publication No	: NA	4)Ruksar Pathan
(61) Patent of Addition to Application Number	:NA	5)Kalyani Waghmare
Filing Date	:NA	6)Snehal Rane
(62) Divisional to Application Number	:NA	7)Snehal Kalokhe
Filing Date	:NA	(72)Name of Inventor :
		1)Swati Patil
		2)Ruksar Pathan
		3)Kalyani Waghmare
		4)Snehal Rane
		5)Snehal Kalokhe

(57) Abstract :

Accordingly following invention provides an electric pole climbing robot. The mechanism has the characteristics of compact body, easy control, good move characteristics, and is a promising application of pole climbing robot structure. The "Pole climbing robot™ has the capability to climb over the poles and performs the desired task smoothly. Following invention is described in detail with the help of Figure 1 of sheet 1 shows remote section block diagram of the embodiment, Figure 2 of sheet 2 shows main controller block diagram of the embodiment, Figure 3 of sheet 3 shows circuit diagram of remote section, Figure 4 of sheet 4 shows main circuit diagram of the embodiment, Figure 5 of sheet 5 shows flow chart for robot and Figure 6 of sheet 6 shows flow chart for remote.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2945/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ADVANCED AUTOMATED BICYCLE

(51) International classification	:B62J99/00	(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)Institute of Tech. Kuran
(32) Priority Date	:NA	3)Deviraj Kisanrao Abuj
(33) Name of priority country	:NA	4)Tanaji Atole
(86) International Application No	:NA	5)Ajinath Bhujbal
Filing Date	:NA	6)Atul Gulhane
(87) International Publication No	: NA	7)Mahesh Jadhav
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Deviraj Kisanrao Abuj
(62) Divisional to Application Number	:NA	2)Tanaji Atole
Filing Date	:NA	3)Ajinath Bhujbal
		4)Atul Gulhane
		5)Mahesh Jadhav

(57) Abstract :

Present invention provides construction of an automated bicycle comprising of systematic design of the various machine elements like brakes and drives like belt and chain drive etc. lower cc engines is mounted on bicycle frame and the bicycle is driven by the engine power. Such an engine powered light weight high strength bicycle will be better option for those who cannot afford a 100cc bike is daily running of 20-30 Kms. e.g- going for offices, schools. The bicycle is most suitable for a common man who is capable to pay a four digit number. The invention provides engine and its assembly with the carrier i.e. bicycle and the selection of the drives and other machine elements. Following invention is described in detail with the help of Figure 1 of sheet 1 showing design assembly of automated bicycle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2946/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LASER GESTURE RECOGNITION SYSTEM FOR DISABLED PEOPLE

(51) International classification	:G05B99/00	(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)K K Wagh Polytechnic, Nashik
(32) Priority Date	:NA	3)Prof. Sunil Hiraman Sangle
(33) Name of priority country	:NA	4)Ganesh Namdeo Dawange
(86) International Application No Filing Date	:NA	5)Prasad Anant Suryavanshi
(87) International Publication No	: NA	6)Tejas Sanjay Shinde
(61) Patent of Addition to Application Number Filing Date	:NA	7)Willson Fransis Ruptake
(62) Divisional to Application Number Filing Date	:NA	(72) Name of Inventor : 1)Prof. Sunil Hiraman Sangle 2)Ganesh Namdeo Dawange 3)Prasad Anant Suryavanshi 4)Tejas Sanjay Shinde 5)Willson Fransis Ruptake

(57) Abstract :

The Physically impaired people are not able to interact with the technologies that are available. Present invention provides a device and methodology which will help to improve the daily life of those people and also helps to decrease their dependencies on servants for their day to day activities. Following invention puts together a simple laser gesture recognition application and uses it to control home appliances. This is far more comfortable than using a remote control because one dont have to look for the correct buttons in the dark. All you have to do is make a few simple gestures anywhere in the cameras field of view with a laser pointer, and thats it! This program recognizes simple gestures made on a wall with a laser pointer such as left, right, up, down, two downward and two upward diagonals. This program could be modified to recognize some more gestures. Following invention is described in detail with the help of Figure 1 of sheet 1 shows circuit diagram of the embodiment, Figure 2 of sheet 2 shows functional diagram of the embodiment, Figure 3 of sheet 3 shows sequence diagram of the embodiment, Figure 4 of sheet 4 shows 0th level DFD, Figure 5 of sheet 5 shows 1st level DFD, Figure 6 of sheet 6 shows different gestures.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2948/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRIC OPERATED POKE LANE

(51) International classification	:E02F3/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(32) Priority Date	:NA	2)Government Polytechnic Kolhapur
(33) Name of priority country	:NA	3)Prof. Faruk Hamid Pinjari
(86) International Application No Filing Date	:NA	4)Gaurav solankure
(87) International Publication No	: NA	5)Santosh Patil
(61) Patent of Addition to Application Number Filing Date	:NA	6)Suraj Waragade
(62) Divisional to Application Number Filing Date	:NA	7)Dinkar Narvekar
		(72)Name of Inventor :
		1)Prof. Faruk Hamid Pinjari
		2)Gaurav solankure
		3)Santosh Patil
		4)Suraj Waragade
		5)Dinkar Narvekar

(57) Abstract :

Following invention provides an ~electric operated pokelane™ for which No fossil fuel needed, Pollution free, Easy to operate and reduces operator fatigue, Comparatively lower cost as less maintenance, Provides safety for human being, It can be operated where human can not work. Following invention is described in detail with the help of Figure 1 of sheet 1 shows side view of electric operated poke lane.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2949/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AUTOMATED TAPPING MACHINE

(51) International classification	:B23G1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(32) Priority Date	:NA	2)Govt. Polytechnic Ahmednagar
(33) Name of priority country	:NA	3)Prof. Manoj Waman Giridhar
(86) International Application No	:NA	4)Kshiti Chinmay Ulhas
Filing Date	:NA	5)Masal Ajay Dnyaneshwar
(87) International Publication No	: NA	6)Mulay Surendra Saish
(61) Patent of Addition to Application Number	:NA	7)Sorate Nikhil Nitin
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)Prof. Manoj Waman Giridhar
Filing Date	:NA	2)Kshiti Chinmay Ulhas
		3)Masal Ajay Dnyaneshwar
		4)Mulay Surendra Saish
		5)Sorate Nikhil Nitin

(57) Abstract :

Most of the small scale industries uses conventional threading, the basic reason behind it the cost of equipment and automated machinery is high. After studying the actual process of internal threading of the jobs and the problems arise in it it is observed that conventional hand tapping consumes a lot of time, required more effort, work becomes fatigue to operators, and tool life is reduced. By studying these parameters we have developed new mechanism for internal threading i.e. Automated Tapping Machine□. Following invention is described in detail with the help of Figure 1 of sheet 1 showing schematic view of automated tapping machine and figure 2 of sheet 2 showing schematic view of transmission system.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2950/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WATER LIFTING BY HUMAN EFFORTS

(51) International classification	:F04B47/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education
(32) Priority Date	:NA	Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)AISSMS Poly. Pune
Filing Date	:NA	3)Prof. Sadanand Deorao Ambatkar
(87) International Publication No	: NA	4)Dhiraj Kumar Ingle
(61) Patent of Addition to Application Number	:NA	5)Bapurao Jadhav
Filing Date	:NA	6)Jagruti Bhagvat
(62) Divisional to Application Number	:NA	7)Akshay Jadhav
Filing Date	:NA	(72)Name of Inventor :
		1)Prof. Sadanand Deorao Ambatkar
		2)Dhiraj Kumar Ingle
		3)Bapurao Jadhav
		4)Jagruti Bhagvat
		5)Akshay Jadhav

(57) Abstract :

Present invention provides device for lifting water from ground level to the desired height with the help of double acting reciprocating pump without making use of electric supply. This pump is operated with the help of bicycle by cycling action, which helps to suck and discharge water simultaneously. Following invention is described in detail with the help of figure 1 of sheet 1 shows embodiment of device for manually lifting of ground water and Figure 2 of sheet 2 shows working mechanism of cylinder.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2951/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BASE ISOLATION USING SCRAP TYRE PADS (STP)

(51) International classification	:B26D 1/00, B26D 1/44	(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)Abdul Razzaak Kalsekar polytechnic
(32) Priority Date	:NA	3)Mr. Junaid Siddiqui
(33) Name of priority country	:NA	4)Mukhbit Burbere
(86) International Application No	:NA	5)Aqdas Moulvi
Filing Date	:NA	6)Shahnawaz Shaikh
(87) International Publication No	: NA	7)Zahraa Malim
(61) Patent of Addition to Application Number	:NA	8)Shahista Sayyed
Filing Date	:NA	(72)Name of Inventor : 1)Mr. Junaid Siddiqui
(62) Divisional to Application Number	:NA	2)Mukhbit Burbere
Filing Date	:NA	3)Aqdas Moulvi

(57) Abstract :

Present invention focuses on the experimental studies conducted on the development of low-cost seismic base isolation bearings using scrap automobile tires. Numerous studies have been conducted on seismic base isolation systems for almost a quarter decade.

Although majority of the studies focus on the performance improvement of the base isolation systems, this invention aims at cost and weight reduction in seismic base isolation pads by recycling otherwise useless material: scrap tires. Following invention is described in detail with the help of Figure 1 of sheet 1 shows compression experimental setup, Figure 2 of sheet 1 shows Inclined compression test setup, Figure 3 of sheet 2 shows Elastomer isomer under shear force, Figure 4 of sheet 2 shows Test specimen dimension, Figure 5 of sheet 3 shows Shaking table experimental setup.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2961/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOAP WRAPPER WITH MATERIAL REDUCTION AND HIGH PERFORMANCE SIZE.

(51) International classification	:B65D65/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MR. KIRAN MULJI SHAH
(32) Priority Date	:NA	Address of Applicant :MR. KIRAN M. SHAH 802/803, PARK SIDE-2, RAHEJA ESTATE, KULUPWADI, LANDMARK NEAR NATIONAL PARK, BORIVALI EAST, MUMBAI-400066, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	2)MR. SUBHRAJIT BHOWMIK
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. KIRAN MULJI SHAH
(87) International Publication No	: NA	2)MR. SUBHRAJIT BHOWMIK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This disclosure relates to an invented soap wrapper paper based structure will help to reduce material usage in two operations during manufacturing stage which in turn will help to reduce energy, heat thereof to offer environmental benefit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2966/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LPG AUTOMATION AND SECURITY CONTROL SYSTEM

(51) International classification	:G01N27/407	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education
(32) Priority Date	:NA	Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)GOVERNMENT POLYTECHNIC MUMBAI
Filing Date	:NA	3)Prof.(Dr.) Hemant P. Taskar
(87) International Publication No	: NA	4)S.R. Kasture
(61) Patent of Addition to Application Number	:NA	5)RAJPURE MAHESH SAMPAT
Filing Date	:NA	6)BHAKTI SACCHANAND PARAB
(62) Divisional to Application Number	:NA	7)DIPINKA DATTARAM SATAM
Filing Date	:NA	8)NIKITA NITIN MALAVADE

(57) Abstract :

Following invention provides device and methodology employing embedded technology in the application for LPG Automation and Security Control System which is intended for use in household as well as industrial safety where appliances and heaters that use natural gas and liquid petroleum gas (LPG) may be a source of risk. The methodology is based on the change of gas concentration using a special sensing circuit employing MQ6 sensor built for this purpose. This module checks if a change in a concentration of gas(es) has exceeded a certain predefined threshold (100ppm). If the sensor detects a change in a gas concentration, it activates an audio-visual alarm and sends a signal to receiver module. As receiver receives a signal from transmitter circuit, it controls the device for prevention and protection from the LPG gas leakage. An extra feature of Auto-refilling uses a Global System for Mobile communication (GSM) module for its operation via MAX232 which converts TTL levels to GSM compatibles employing ASK modulation with 433MHz carrier frequency. System also controls main supply via DTMF & GPRS technology using Mobile devices employing Android automation operating system. Following invention is described in detail with the help of Figure 1 of sheet 1 shows block diagram of LPG detection system, Figure 2 of sheet 1 shows circuit diagram of gas sensor, Figure 3 of sheet 2 shows block diagram of automation system, Figure 4 of sheet 3 shows circuit diagram of DTMF MT 8870 decoder and Figure 5 of sheet 3 shows graphical representation of gas concentration/ ppm with Rs/RL (at LPG 1000ppm).

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2967/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POWER GENERATION USING SPEED BREAKER

(51) International classification	:F03D9/00, H02K7/00	(71) Name of Applicant : 1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India 2)S.T.E.'s Sou Venutai Chavan poly. 3)Miss. Meenal Majge 4)Prathamesh Bhide 5)Sumit Mohite 6)Kalpesh Mendadkar 7)Pranay Barshikar
(31) Priority Document No	:NA	8)Pranay Barshikar
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Miss. Meenal Majge
(86) International Application No	:NA	2)Prathamesh Bhide
Filing Date	:NA	3)Sumit Mohite
(87) International Publication No	: NA	4)Kalpesh Mendadkar
(61) Patent of Addition to Application Number	:NA	5)Pranay Barshikar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The demand for power is increasing enormously. So there is a need to generate power from every possible means rather than solely depending on power generation from power plants. Hence we would like to present an idea of generating electric power at low cost using simple mechanism of converting mechanical energy to electrical energy. To generate electricity using the vehicle weight (potential energy) as input...As already known we need a generator to generate electricity and obviously the prime mover to it will be the vehicle weight. Then the generated electricity is stored in batteries and will be further used for various purposes like lighting up the street lamps, providing power to the nearby slums at low cost etc. Thus this project accomplishes Low Budget electricity production, less floor area, No obstruction to traffic, Easy maintenance, Suitable at parking of multiplexes, malls, toll booths, signals, etc. This system is Possible using 3 different mechanisms: Crank-shaft mechanism, Roller mechanism & Rack- Pinion mechanism. Rack-pinion mechanism is better to prefer over other mechanisms. Following invention is described in detail with the help of Figure 1 of sheet 1 shows trapezoidal shape of speed breaker, Figure 2 of sheet 1 shows Block Diagram Power Generation Using Speed Breaker, Figure 3 of sheet 2 shows The self (dead) weight of speed breaker, Figure 4 of sheet 2 shows When a vehicle with a maximum load passes, Figure 5 of sheet 3 shows Impact of vehicle on speed breaker, Figure 6 of sheet 3 shows maximum load on speed breaker.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/09/2013

(21) Application No.3002/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LOW MAINTENANCE OPERATIONALLY SIMPLE AND PORTABLE PRESSURE-VACUUM VALVE TESTING EQUIPMENT.

(51) International classification	:G01L19/00, G01L27/00	(71) Name of Applicant : 1)MR. JASBIR SINGH Address of Applicant :209, DEVARATA BLDG, SECTOR-17, VASHI, NAVI MUMBAI-400 705, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)MR. JASBIR SINGH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is equipment that can be used to test the pressure vacuum valve integrity. The invention is portable and easy to use. Different designs of PV valves can be tested on the tanker/ ship/ vessel itself using this equipment in just a few minutes.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2013

(21) Application No.1551/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BIOCLEANING PROCESS FOR WATER OR SOIL CONTAMINATED BY HEXAMETHYLENETETRAMINE

(51) International classification	:C02F3/00, C02F 3/34	(71) Name of Applicant : 1)KANORIA CHEMICALS & INDUSTRIES LIMITED Address of Applicant :3407, G.I.D.C. INDUSTRIAL ESTATE, ANKLESHWAR-393 002, GUJARAT, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Microorganisms belonging to the genus Pseudomonas and having the ability to decompose Hexamethylenetetramine ((CH₂)₆N₄), (Hexamine), which are able to decompose 50 % or more of 5000 ppm..of Hexamethylenetetramine ((CH₂)₆N₄)., (Hexamine) concentration in effluent in 22 days under aerobic conditions, as well as providing a process for decomposing Hexamethylenetetramine ((CH₂)₆N₄), (Hexamine) in water or soil using those microorganisms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2858/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A REMOTELY OPERABLE PORTABLE SYSTEM FOR MEASURING RADIATION

(51) International classification	:G01T3/00, G01T7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)PARAG K. TAKTAWALA

Address of Applicant :601, SAMPRAT RESIDENCY-2, OPP.
PARIVAR SOCIETY, NEAR SATYAGRAH CHHAVANI,
BODEKDEV, AHMEDABAD - 380 015, GUJARAT, INDIA.

(72)Name of Inventor :

1)PARAG K. TAKTAWALA

(57) Abstract :

A remotely operable light weight and compact portable system for measuring radiation is disclosed. The system includes a remotely operable wheeled vehicle having a remotely rotatable platform on which is mounted an extended member which in turn is connected through a revolute joint to a telescopic boom having a radiation sensor. A remotely controlled external mechanism is attached to the telescopic boom for the purpose of extension and retraction of the telescopic boom. The system includes a device that records the location of the points at which radiation is measured.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2012

(21) Application No.2732/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF PRODUCING USABLE ENERGY FROM HALOGEN SUBSTANCE

(51) International classification	:C01B7/00, C01B7/02	(71) Name of Applicant : 1)MR. AAYUSH SURESHCHANDER Address of Applicant :B-204, DHAVALGIRI CHS, SHIV VALLABH ROAD, ASHOKVAN, BORIVALI(EAST), MUMBAI-400 066, MAHARASHTRA India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. AAYUSH SURESHCHANDER
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of generation of usable energy from halogen, particularly chlorine by exploiting electron affinity of chlorine and other halogens. Molecular chlorine is subjected to UV radiation, converting it to nascent or atomic chlorine, which on further reaction with electrons produced from an electron gun. are converted to saturated chlorine under, exothermic reaction conditions; releasing energy that is then transferred for use. The process does not consume halogen or chlorine and is reversible.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2620/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DESIGNING VISION BASED SOFTWARE APPLICATIONS

(51) International classification	:G06F19/00	(71) Name of Applicant : 1)KPIT CUMMINS INFOSYSTEMS LTD Address of Applicant :35 & 36, RAJIV GANDHI INFOTECH PARK, PHASE 1, MIDC, HINJEWADI, PUNE- 411 057, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and apparatus for designing vision based software applications. In one embodiment, a media file generation module (108) automatically generates a plurality of media objects from input media content by applying different values of a set of parameters to the input media content. The plurality of media content contains information representing distinct real life scenarios and distinct environmental conditions. A performance evaluation module (110) processes each of the plurality of media objects using a vision based software application and evaluates performance of the vision based software application for each of the plurality of media objects based on the processing of the plurality of media objects. An application re-designing module (126) redesigns at least one module of the vision based software application based on the evaluated performance so that the vision based software application performs optimally in distinct real life scenarios and environmental conditions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2912/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : THE PROCESS FOR BIPHASIC LEACHING OF COPPER AND ZINC FROM POLYMETALLIC BULK CONCENTRATE

(51) International classification	:C22B 3/04, C22B15/00, C22B 19/00	(71)Name of Applicant : 1)DAVE SHAILESH RAMKRASHNA Address of Applicant :DEPARTMENT OF MICROBIOLOGY AND BIOTECHNOLOGY, SCHOOL OF SCIENCES, GUJARAT UNIVERSITY AHMEDABAD - 380 009 GUJARAT, INDIA 2)TIPRE DEVAYANI RAMAKANT 3)PATEL BHARGAVKUMAR CHAMANLAL
(31) Priority Document No	:NA	(72)Name of Inventor : 1)DAVE SHAILESH RAMKRASHNA
(32) Priority Date	:NA	2)TIPRE DEVAYANI RAMAKANT
(33) Name of priority country	:NA	3)PATEL BHARGAVKUMAR CHAMANLAL
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 process for biphasic leaching of copper and zinc from polymetallic bulk concentrate, which involves the scale-up of the biphasic leaching process and purification of metals by solvent extraction using Cyanex 301. The reactor designed for the process supports a rich biofilm development provides good percolation even after 15 cycles. The developed consortium has high resistance to multi-metal concentrate and tolerates extreme adverse conditions of ionic strength. It gives a higher iron oxidation rate, which improves by 34 fold on development. The microbial consortium is also resistant to metal recovering organic solvents like Cyanex® 301. Ultra High Molecular Weight Polyethylene used as the support material in the column for biofilm development, remains unaffected even at acidic pH of the system. The developed biphasic process gives high copper and zinc extraction rates and more than 70% metals extraction within 3 hours.

No. of Pages : 37 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2013

(21) Application No.2896/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ADJUSTABLE FIXTURE BASED HARNESS FOR A DOUBLE SIDED BARREL DRUM

(51) International classification	:G10G5/00	(71) Name of Applicant : 1)AJAY-ATUL PRODUCTION Address of Applicant :VASANT VIHAR, PHASE - 2, BUNGLOW NO 2, BANER, NEAR SADANAND HOTEL, PUNE - 411007, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)AJAY GOGAVALE 2)ATUL GOGAVALE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention Adjustable fixture based harness for a double sided barrel drum comprises Steel Fixture (1), Steel plate (2), Hollow bush (3), Slider Assembly (4), Pivot Assembly (5), Steel hollow pipe or bars (6), Steel clamps (7), Cushioned shoulder straps on the steel bars (8), Cushioned steel plate for supporting legs (9), Adjustable waist belt (10) and Cushioned Steel housing plate (11). It provides a support and balance to the person for carrying and playing double sided barrel drum while standing and walking or marching. This harness can be used for any double sided barrel drum irrespective of the size. Need of the rope has been eliminated due to this harness and it has been replaced with screws, which helps to tune the instrument better. This way longer maintenance of the instrument is ensured and repetitive tearing of the instrument is abolished.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2939/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SLIDING TABLE SAW MACHINE

(51) International classification	:B23D59/00	(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)Vidyavardhini™s Bausaheb Vartak Polytechnic
(32) Priority Date	:NA	3)Mr. S N Mahajan
(33) Name of priority country	:NA	4)Tanmay R Vartak
(86) International Application No Filing Date	:NA	5)Pranav N Patil
(87) International Publication No	: NA	6)Darshan B Patil
(61) Patent of Addition to Application Number Filing Date	:NA	7)Akshay A Vartak
(62) Divisional to Application Number Filing Date	:NA	(72) Name of Inventor : 1)Mr. S N Mahajan 2)Tanmay R Vartak 3)Pranav N Patil 4)Darshan B Patil 5)Akshay A Vartak

(57) Abstract :

following invention provides a sliding table saw machine used for the accurate cut of the wood surface & for the ease of the operator. It is the main innovation in a conventional machine to increase productivity. Sliding table is based on main table & slides over it with the help of telescopic sliders. It has three fold ball bearing slides. It takes place is between main table and sliding table. Its upper part is connected to sliding table while lower part is connected to main table. It slides smoothly with the help of ball bearings. It consists of a plate spring to disconnect the upper part with lower part. The machine provides Minimum vibration with the maximum cutting operation so as to get maximum rigidity of machine. Following invention is described in detail with the help of Figure 1 of sheet 1 shows working principle of sliding table mechanism, Figure 2 of sheet 2 shows various sections of solids and tubes, Figure 3 of sheet 3 shows sliding table mechanism.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1512/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTIPURPOSE MOVING BOARD

(51) International classification	:g09f19/00, g09f11/00, g09f15/00	(71) Name of Applicant : 1)MR. AWADHESH NARAYAN PANDEY Address of Applicant :JERON (472337), TIKAMGARH, M.P. PIN 472337 Madhya Pradesh India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. AWADHESH NARAYAN PANDEY
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A portable display board assembly, comprising a board with transparent screen and rollers is disclosed. The board is rectangular in shape and is essentially consisting of rectangular frame, transparent screen, rollers, cylindrical covers, knob placed outside of cylindrical covers, light source to enlighten the contents mounted on rollers and make them readable in dark. The board is capable of displaying any kind of information mounted on the rollers and make it readable to the world and can be utilised in places where advance means of displaying information like power point presentation are not available, especially the rural areas.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2627/MUM/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVED METHOD FOR DETOXICATION OF HEMICELLULOSES HYDROLYSATE BY COMBINED TREATMENT WITH LIME AND MILK FOR ITS FERMENTATION TO ETHANOL BY PENTOSE FERMENTING YEAST PICHIA STIPITIS.

(51) International classification	:C12P7/10, C12P19/02	(71) Name of Applicant : 1)DR SANJAY SAHAY Address of Applicant :SR. MIG 417, HOUSING BOARD COLONY, KATARA HILLS, BHOPAL Madhya Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)DR SANJAY SAHAY
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes methods for treating hemicellulosic hydrolysate containing various fermentation inhibitors. The present invention more particularly describes method of treating hemicellulosic hydrolysate with lime and milk. Treatment of hemicellulosic hydrolysate with lime and milk makes it useful for the fermentation using yeasts like Pichia stipitis and Saccharomyces cerevisiae.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2947/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CORN SEED SOWING AND FERTILIZER MACHINE

(51) International classification	:A01C7/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Maharashtra State Board of Technical Education

Address of Applicant :49, Kherwadi, Bandra (E), Mumbai.
Maharashtra India

2)Government Polytechnic Miraj

3)Bharatbhushan V Kamble

4)Sonam Chavan

(72)Name of Inventor :

1)Bharatbhushan V Kamble

2)Sonam Chavan

(57) Abstract :

Following invention provides a cost effective, easy to construct, operate and maintain corn seed sowing and fertilizer machine mainly comprising of Frame, Hopper, Ropener, Cup seed, sprocket wheel, plough, Wheels etc. The major focus of present invention is to minimize the cost of sowing operation. This machine is manually or bullock (Animal) power operated. Hence, a low cost, single person driven handy machinery is developed. This has significantly reduced the quantity of seeds as well as fertilizer.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2952/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTROMAGNETIC BRAKING SYSTEM

(51) International classification	:f16d55/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Maharashtra State Board of Technical Education Address of Applicant :49, Kherwadi, Bandra (E), Mumbai. Maharashtra India
(32) Priority Date	:NA	2)A.G. Patil polytechnic institute
(33) Name of priority country	:NA	3)Sachin Kumar mohite
(86) International Application No	:NA	4)Shivraj Madival
Filing Date	:NA	5)Anil Shirke
(87) International Publication No	: NA	6)Muzzamil Shaikh
(61) Patent of Addition to Application Number	:NA	7)Pramod Naikwadi
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)Sachin Kumar mohite
Filing Date	:NA	2)Shivraj Madival
		3)Anil Shirke
		4)Muzzamil Shaikh
		5)Pramod Naikwadi

(57) Abstract :

Accordingly following invention provides an electromagnetic braking system for vehicles working on the principle of Eddy current law system, where 2 transforrs are used as electromagnet. These are coupled with the metal core. This entire set up is assembled to base plate. When dc supply is connected to these magnet, the electromagnetic force is induced which tends to attract the disc towards the magnet but the disc is fixed to shaft and for efficient magnetic effect the magnet is mounted on the base plate with spring contraction mechanism and the entire system is completed. Following invention is described in detail with the help of Figure 1 of sheet 1 shows embodiment of assembly of the system.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2987/MUM/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD OF BIO-REMEDIATION OF DAIRY EFFLUENT BY FIXED FILM REACTOR TECHNOLOGY CONSISTING OF BACTERIAL ISOLATE ALCALIGENE

(51) International classification	:C12P21/00, C12N1/12	(71) Name of Applicant : 1)KAMBLE SANJAY NARAYAN Address of Applicant :DEPT OF MICROBIOLOGY, VPASC COLLEGE, BARAMATI 413133, DIST.PUNE, 413512 Maharashtra India 2)DR AWASTHI RAJENDRAPRASAD SHANKARPRASAD
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KAMBLE SANJAY NARAYAN
(33) Name of priority country	:NA	2)DR AWASTHI RAJENDRAPRASAD
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 one of the aspect of the invention it is provided that a method of bioremediation of dairy industry effluents by fixed -film bioreactor technology (FFBT) using consortium of efficient microorganisms. The basic fixed -film bioreactor design consists of a tank packed with inert media on which a consortium of bacteria is immobilized and grown as a biofilm In an another aspect of the invention it is provided that an integrated anaerobic -aerobic fixed -film bioreactor is designed for efficient biotreatment of dairy Industry wastewater using a selected dual culture of bacterial Isolate, Alcaligenes sp. strain MT03 and Alcaligenes sp. strain CD234;. Fixed - Film Bioreactor Technology FFBT is designed in such a way that high microbial load, prolonged microbe retention time, cost effective and most important is the easy operation and control.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3918/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF IMPROVING ENDURANCE LIMIT OF ALUMINO THERMITE WELDING OF RAILWAY RAILS

(51) International classification	:B23K23/00	(71) Name of Applicant : 1)P. VENKATESWARA CHOWDARY Address of Applicant :#86-5-2/4, MANTHENA GARDENS, JAWAHARLAL NEHRU ROAD, RAJAHMUNDRY, EAST GODAVARI DIST 533 103 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Preventing or reducing defects improves endurance limit and fatigue resistance of alumino thermit welding of railway rails. The regions of two rails present just beside mould wall on both sides of mould are heated to a temperature between 200° C to 1200° C, preferably between 500° C to 900° C using two phase-burners during melt-back phase of welding. Similarly, heat dissipating fins are heated to a temperature 200° C to 1200°C, preferably between 500° C to 900° C during melt-back phase of welding. Heating of regions of two rails just beside mould wall to a high temperature causes: a) Reduces thermal gradient and thereby reduces conductive heat flux from weld cavity to two rails and thereby: i) Causes increase in depth of melt-back of stick-out rail ends, which prevents cold-lap defect formation, ii) Reduces criticality of quantity of heat energy that is tapped into weld-cavity for achieving proper fusion and thereby reduces quantity of dissolved gases in fused liquid metal present in weld-cavity and thereby reduces severity of microporosity defect. b) during solidification phase of welding, the flames of two phased burners are utilized to control conductive heat flux from weld-cavity to various regions of two rails. Thereby, solidification pattern of fused liquid metal present in weld-cavity is controlled in such a way to promote vertically upward directional solidification. c) during solidification phase of welding increases conductive heat flux to the bottom of mould due to dissipation of heat energy via surfaces of heat dissipating fins present at the bottom of mould-assembly and thereby promotes vertically upward directional solidification of fused liquid metal present in weld-cavity and thereby prevents shrinkage cavity defect formation.

No. of Pages : 59 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2013

(21) Application No.3935/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FOUR STROKE IC ENGINE WITH OSCILLATORY VALVE SYSTEM

(51) International classification	:F01L1/00	(71) Name of Applicant : 1)kurimelli ganesh Address of Applicant :h.no 5-46, manikyaram (village), yellandu(mandal), khammam(dist), pin - 507124 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)kurimelli ganesh
Filing Date	:NA	
(87) 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 :

Internal combustion engine efficiency is constrained mainly due to frictional losses. Frictional loss arises due to more number of mechanical components in the system. To control the frictional losses to some extent reduction of mechanical components like cam, follower, valves, springs etc. would be of greater aid. The machine output is obtained by replacing both the inlet and outlet valves by a single valve, which compensates the functions of both the valves, thus reducing the number of cams and followers to one. Valve is of specific shape so as to function as per the requirement, for this purpose a contour cam is used which is different from the existing model cam.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2013

(21) Application No.3937/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SHIFTING COMPASS

(51) International classification	:G01C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUSAMA JENA

Address of Applicant :E-4, COAST GUARD ENCLAVE,
NEAR INHS KALYANI, MALKAPURAM,
VISAKHAPATNAM - 530 011 Andhra Pradesh India

(72)Name of Inventor :

1)SUSAMA JENA

(57) Abstract :

The invention relates to developing a novel instrument (shifting compass) for plotting cross bearing fixes to determine the position of the ship operating at sea. The shifting compass consists of a circular base with angles 0° to 360° inscribed or printed on it. It is provided with a graduated scale fixed at the centre of circular base. The scale can rotate around the circular base about the centre of the base. The sketch of the instrument is placed at sketch 2. Two perpendicular cardinal lines (000 - 180, 090 - 270) are plotted on the chart on the navigational mark from which bearing line is intended to be drawn. Before plotting the bearing line, the shifting compass is placed on the navigational mark. The 000 - 180, 090 - 270 lines on the circular disc is aligned with two perpendicular lines drawn on the navigational mark. The red line on the scale is aligned with the observed bearing on the disc. The bearing line is drawn using extended arm of the scale on the side marked red. Similarly, other two bearing lines are drawn. The point of intersection of these lines gives the position of the ship. The instrument is user friendly, takes less time compared to existing procedure and is free from backlash error and error due to shifting.

No. of Pages : 6 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/08/2013

(21) Application No.3613/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PORTABLE MILK COOLING SYSTEM

(51) International classification	:F25B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THUMMAGUNTA MUNIRATHIRAM VENU
Address of Applicant :NO. 2/21A, KANNIAPPAN STREET,
SHANTI NAGAR, RAMAPURAM, CHENNAI - 600 089 Tamil
Nadu India

(72)Name of Inventor :

1)THUMMAGUNTA MUNIRATHIRAM VENU

(57) Abstract :

The portable milk cooling system disclosed in present disclosure includes a can and a refrigeration system. The can stores milk therein. The refrigeration system cools milk stored inside the can. The refrigeration system includes a compressor, a condenser, an expansion system and an evaporator coil. The compressor compresses a low pressure gaseous refrigerant to a high pressure gaseous refrigerant. The condenser facilitates condensation of high pressure gaseous refrigerant to a high pressure liquid refrigerant. The expansion system facilitates expansion of high pressure liquid refrigerant thereby reducing high pressure liquid refrigerant to a low pressure liquid refrigerant. The evaporator is functionally connected to the can and converts the low pressure liquid refrigerant into a low pressure gaseous refrigerant by absorbing heat from milk stored in the can, wherein the refrigeration system is powered by at least one of at least one solar photovoltaic cell and a single phase electric power.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2013

(21) Application No.3942/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INRUSH CURRENT CONTROLLING UNIT IN A STARTING MOTOR

(51) International classification	:H02H
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COMSTAR AUTOMOTIVE TECHNOLOGIES PVT LTD

Address of Applicant :KEELAKARANAI VILLAGE,
MALROSAPURAM POST, MARAIMALAI NAGAR,
CHENGALPATTU - 603 204 KANCHEEPURAM. Tamil Nadu
India

(72)Name of Inventor :

**1)RADHAKRISHNAN, MURUGANANDAM
2)GANESAN, THULASIRAJAN
3)VASUDEVAN, KISHORE KUMAR
4)RAMAKRISHNAN, SARANKUMAR**

(57) Abstract :

The present invention relates to an inrush current controlling unit incorporated with an electrical circuit of starter motor. The inrush current generally appears for a very small period of time in the order of milliseconds. At this time, the battery voltage drastically drops down below a threshold value, which ultimately affects function of other sensitive electronics items generally used in vehicle. Also high inrush current affects the life of the carbon brush. Hence to have better life for the battery as well as for the starter motor, an inrush current controlling unit is disclosed in the present invention which is electrically connected in parallel to the solenoid switch and in series with the motor for reducing inrush current occurring during the starting event of the vehicle. The inrush current controlling unit comprises a low resistance level resistor and a diode which are connected in series with each other.

No. of Pages : 22 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3919/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF RETARDING DEFECT FORMATION DURING THERMITE WELDING OF RAILWAY RAILS

(51) International classification	:B23K23/00	(71) Name of Applicant : 1)P. VENKATESWARA CHOWDARY Address of Applicant :#86-5-2/4, MANTHENA GARDENS, JAWAHARLAL NEHRU ROAD, RAJAHMUNDRY, EAST GODAVARI DIST - 533 103 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72) Name of Inventor : 1)P. VENKATESWARA CHOWDARY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Preventing or reducing defects improves endurance limit and fatigue resistance of alumino thermit welding of railway rails. The regions of two rails present just beside mould wall on both sides of mould are heated to a temperature between 200° C to 1200° C, preferably between 500° C to 900° C using any heat energy sources like burners that are used in gas-pressure welding in time span between start of pre-heating process up to completion of solidification of weld collar. Heating of regions of two rails just beside mould wall to a high temperature causes: a) Prevents thermal contraction of heated and thermally expanded regions of two rails during solidification phase of welding and thereby prevents occurrence of tearing apart tensile stresses and thereby prevents hot tearing and formation of centerline defect; b) Reduces thermal gradient and thereby reduces conductive heat flux from weld cavity to two rails and thereby: i) Causes increase in depth of melt-back of stick-out rail ends, which prevents cold-lap defect formation, ii) Demotes progression of parallel dendritic solidification fronts of rails 41 and 42 towards each other along longitudinal axis of rails, which prevents formation of liquid weld metal pool locked amidst nascent solidus and thereby prevents shrinkage cavity defect formation, iii) Reduces criticality of quantity of heat energy that is tapped into weld-cavity for achieving proper fusion and thereby reduces quantity of dissolved gases in fused liquid metal present in weld-cavity and thereby reduces severity of microporosity defect. c) during solidification phase of welding increases conductive heat flux to the bottom of mould due to dissipation of heat energy via surfaces of heat dissipating fins present at the bottom of mould-assembly and thereby promotes vertically upward directional solidification of fused liquid metal present in weld-cavity and thereby prevents shrinkage cavity defect formation.

No. of Pages : 48 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/09/2013

(21) Application No.4089/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INVITRO ANTICANCER ACTIVITY OF LEAF EXTRACT OF ALBIZIA LEBBECK (BENTH): PRODUCING THE SAME

(51) International classification	:A61K	(71) Name of Applicant : 1)MRS. P. VASANTHI Address of Applicant :6/439/1, TRIVENI GARDENS, III RD AVENUE, GORIMEDU, SALEM - 636 008 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MRS. P. VASANTHI 2)MRS. G. MANIMEKALAI
Filing Date	:NA	
(87) 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 :

Medicinal plants are traditionally used in folk medicine as natural healing remedies with therapeutic effects such as prevention of cardiovascular diseases or reducing the risk of cancer. The present study was designated to evaluate the antibacterial and phytochemical activity from the leaves and bark of Albizzia lebbeck. The result of hydroalcohol extracts of leaf showed better antimicrobial activity followed by the bark extracts. The extracts of Albizzia lebbeck showed better inhibition towards Escherichia coli and Salmonella typhi when compared with Cefoperazone/ Tazobactam. The objective of the present work is to study the invitro antioxidant activity by DPPH scavenging, Nitric oxide assay, hydrogen peroxide, sulphur oxide and total antioxidant assays. The results revealed that the hydroalcoholic leaves extracts of Albizia lebbeck showed a strong antioxidant activity, reducing power ability and free radical scavenging when compared to the standard such as Ascorbic acid. The results on the cytotoxicity tests conducted against human breast adenocarcinoma (MCF-7) and human prostate cancer cell line (PC- 3) showing a certain degree of selectivity against the different cell types.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2013

(21) Application No.1246/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROVIDING UNINTERRUPTED POWER SUPPLY TO CONSUMERS

(51) International classification	:H02J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Indian Institute of Technology Madras

Address of Applicant :Indian Institute of Technology Madras
(IIT Madras), IIT PO, Chennai Tamil Nadu India

(72)Name of Inventor :

1)Prof. Ashok Jhunjhunwala

2)Bhaskar Ramamurthi

3)Enbasekar D

(57) Abstract :

Embodiments herein disclose a method and system to supply a fixed minimum uninterrupted limited power to consumers at a different tariff, while the AC power is supplied at different rates; wherein the AC power supply could be cut to homes on there being a shortage of power, but the limited power supply to the consumers can be provisioned to be maintained.

No. of Pages : 33 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/09/2013

(21) Application No.4104/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVELOPMENT OF THE 'WOVEN SACK CUTTING MACHINE USING HYDRAULIC'

(51) International classification	:B65B25/00	(71) Name of Applicant : 1)K. ISMAIL BAIG Address of Applicant :1/66, AL-AMIN NAGAR, PARASURAMANPATTI, K. PUDUR, MADURAI - 625 007 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)K. ISMAIL BAIG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this Woven Sack Cutting Machine using Hydraulic, the sack roll or packing material roll is loaded in the unwinding unit and the sack roll (Packaged material) is rotated by the conveyor belt and the conveyor belt (S4 in Fig.2 and T3 in Fig.3) is driven by an adjustable conveyor roller (S4 in Fig.2 and T2 in Fig.3). The two conveyor rollers are driven by a Hydraulic motor. The metal clamp arm (S2 in Fig.2) is fitted to the shaft of woven sack roll and the woven sack runs through the guide runner roller (S3 in Fig.2). In the cutting unit, the rubber rollers / Feeders are driven by a Hydraulic motor and the heating filament complex with the help of the heating filament in the middle rod cuts the sack. In the delivery unit, the gripper set catch hold of the sliced sack and arrange them in the tray with the help of the timing cam and the sprockets connected with the chain. Along with these above three units, a hydraulic Power pack with 1 HP motor is also fixed with the power consumption of 220 v and 50Hz in single phase.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/09/2013

(21) Application No.4105/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : KAPALI BOWLS

(51) International classification	:F41G	(71) Name of Applicant : 1)SENTHIL KUMARAN. K Address of Applicant :CEEBROS MAYFAIR, BLOCK-2, D-5, 2-A, LIC COLONY MAIN ROAD, VELACHERY, CHENNAI - 600 042 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72) Name of Inventor : 1)SENTHIL KUMARAN. K
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

I Herely declare a simple loenc of diveting the tsunami name for self destruction, and introduce a component which would efficiently destruct the wave totally the design of ~kanali bowls ,in my document ,is just a prototype, we can try any number of permutation and combinating similar to the design and apply it to the logic of divering the wave by leenay or wedge shape land carving as mentioned in the document

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2013

(21) Application No.4126/CHENP/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DRIVE UNIT OF MAGNETIC COUPLING PUMP AND MAGNETIC COUPLING PUMP UNIT

(51) International classification	:F04D13/02,H02K49/10
(31) Priority Document No	:2011201851
(32) Priority Date	:15/09/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/073468
Filing Date	:13/09/2012
(87) International Publication No	:WO 2013/039148
(61) Patent of Addition 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 :16 5 Konan 2 chome Minato ku Tokyo
1088215 Japan

(72)Name of Inventor :

1)HOSHI Hideo

2)NAKASHIMA Syogo

3)HIDAKA Tatsuya

4)YAMAMOTO Yasuharu

5)OKUBO Takeshi

6)OSADA Toshiyuki

7)TAGAWA Masashi

(57) Abstract :

Provided is a drive device for a magnetic coupling pump in which leakage of magnetic flux to the outside and the effect of external magnetic fields are suppressed. This drive device for a magnetic coupling pump comprises: a drive magnet (219) facing a driven magnet (19) of a magnetic coupling pump (100) across a gap and disposed further to the outside than the driven magnet relative to the rotational axis (A) of the pump; a cup (220) having a cup cylindrical part (221) formed of a ferromagnetic material and forming a cylinder shape about the rotational axis (A) the drive magnet being fixed to the inside of the cup cylindrical part; a motor (210) for rotating the cup about the rotational axis; and a casing body (231) having a cylindrical part (232) inside which the cup is disposed across a gap the casing body being formed of a paramagnetic material and forming a cylinder shape.

No. of Pages : 38 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4043/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR MANAGING UPGRADING A TELECOMMUNICATION NETWORK AND DEVICES THEREOF

(51) International classification	:H04L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)WIPRO LIMITED

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

(72)**Name of Inventor :**

1)Maheshwaran Govindarajeswaran

2)Madanmohan Balasubramanian

(57) Abstract :

A method, non-transitory computer readable medium and upgrade management computing device for managing upgrade in a telecommunication network comprising identifying one or more telecommunication network elements which are currently active. A type, a subnet and one or more network topologies is identified for each of the identified active one or more telecommunication network elements. The identified active one or more telecommunication network elements is upgraded with one or more available upgrades based on the identified type, the subnet and the one or more network topologies. During the upgrading, the identified active one or more telecommunication network elements is monitored for occurrence of one or more errors. One or more reports are generated based on the monitoring.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2013

(21) Application No.2622/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVELOPMENT OF NESTED RT-PCR FOR DETECTION OF INDIAN ISOLATE OF MOURILYAN VIRUS IN PENAEUS MONODON

(51) International classification	:C12Q	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :CENTRAL INSTITUTE OF
(33) Name of priority country	:NA	BRACKISHWATER AQUACULTURE, 75, SANTHOME HIGH
(86) International Application No	:NA	ROAD, RA PURAM, CHENNAI - 600 028 Tamil Nadu India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MUDAGANDUR SHASHI SHEKHAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Based on the sequence information obtained for Mourilyan virus G2 protein gene of Indian isolate, a specific nested RT- PCR was developed. Using the new set of outer (MoV outer F3 and R3) and inner primers (MoV inner F4 and R4) designed to detect MoV of Indian isolate, we were successful in detecting MoV in shrimp (Penaeus monodon). These outer and inner primers resulted in amplification of 580 bp (1st step) and 372 bp (2nd step) PCR products respectively by nested PCR and hence were considered to be specific for detecting Indian isolate of MoV. Mourilyan virus could be detected with increased sensitivity in infected shrimp tissues such as gills, gut, hepatopancreas, muscle and haemolymph

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2013

(21) Application No.2623/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVELOPMENT OF GENE SPECIFIC PROBE AND PRIMERS FOR DETECTION OF INDIAN ISOLATE OF MOURILYAN VIRUS IN PENAEUS MONODON SHRIMP BY REAL TIME PCR

(51) International classification	:C12Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Address of Applicant :CENTRAL INSTITUTE OF
BRACKISHWATER AQUACULTURE 75, SANTHOME HIGH
ROAD, RA PURAM, CHENNAI - 600 028 Tamil Nadu India

(72)**Name of Inventor :**

1)MUDAGANDUR SHASHI SHEKHAR

(57) Abstract :

Based on the sequence information obtained for Mourilyan virus G2 protein gene of Indian isolate, a specific real time PCR primers and probe were developed. Mourilyan virus could be detected with increased sensitivity in infected shrimp tissues such as gills, gut, hepatopancreas, muscle and haemolymph. The real time analysis revealed highest Mourilyan virus copy numbers (22.5×10^5) μ -1 cDNA in gill tissue of shrimp, indicating gill tissues to be the appropriate sample for testing presence of MoV by real time PCR.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/08/2013

(21) Application No.3821/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BONDED PANEL WITH FLUID CIRCULATING CHANNELS FOR RADIANT HEATING/COOLING

(51) International classification	:F24D	(71) Name of Applicant : 1)MADHUSUDHAN RAO RAPOLE Address of Applicant :PLOT NO. 42-A, JOURNALISTS COLONY, ROAD NO. 70, JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bonded radiant heating/cooling panel assembly with fluid circulating channels for radiant heating/cooling is disclosed. A bonded radiant panel assembly for efficient radiant heating/cooling includes a top sheet with fluid circulating channels bonded with a flat bottom sheet to form a radiant heating/cooling panel. Bonding of the top sheet and the flat bottom sheet form a fluid circuiting channel for circulating hot/cold fluid. The bonded radiant heating/cooling panel further includes a fluid supplying pipe coupled with an inlet header of the fluid circulating channel of the radiant heating/cooling panel to distribute hot/cold fluid for increasing/decreasing temperature of the space and a fluid collecting pipe coupled with an outlet header of the fluid circulating channel of the radiant heating/cooling panel to collect hot/cool fluid supplied by the first fluid supplying pipe. A plurality of radiant heating/cooling panels assembled to form a suspended radiant heating/cooling ceiling.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4047/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HILL DRIVE SIMPLIFIED RAIL AND TRACK MECHANISM

(51) International classification	:F03G	(71) Name of Applicant : 1)NATESAN KANNUSAMY PILLAI RAMALINGAM Address of Applicant :NO.37, ANNA STREET, KANAGAM, TARAMANI, CHENNAI - 600 113 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)NATESAN KANNUSAMY PILLAI RAMALINGAM
Filing Date	:NA	
(87) 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 Hill Drive Simplified Rail Engine is provided with a set of Sprockets through a Shaft controlled and driven by Engine, in such a way that, the sprockets are driven by the engine driven shaft. The Railway Track in the hill are built with Rack Spur Gear on the Web of the both side tracks and each side Rack Spur Gear has a Pinion and both Pinions are set meshing each other. Out of the aforesaid two Sprockets , the latter is connected to one of the Pinions and hence, as the Sprocket rotate, the Pinions rotate and as the Pinions are meshed with the Rack, the Pinions drive forward along with the Rail, there applies the grip for the rail to climb the hill. The Engine 1 while pulling the Rail also drives the Primary Shaft 2, where the Shaft drives the Sprocket 3, as the Chain 5 connects Sprockets 3 and 4, the rotations are transmitted from the Primary Shaft to both the Sprockets. The Sprocket 4 then drives the Pinion 6 and hence the Pinion 7 also get driven. The Pinion 6 is of Rack 8 and Pinion 7 is of Rack 9. As the Engine Drives the Rail, the Pinions also rotate and move forward in the Racks. This mechanism maintains the grip of the rail move over the hill as shown in the Figures. Also this Engine Driven Track Mechanism shall also be used as an Elevator System, placing the system vertically and by using a motor to drive the Primary Shaft 2, where the mechanism will drive up and down to serve the purpose of an elevator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2013

(21) Application No.3947/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FABRICATION OF FLUORINATED N-TYPE SILICON OXIDE FILMS FOR INTERMEDIATE AND BACK REFLECTOR IN THIN FILM SOLAR CELLS

(51) International classification	:C23C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)Nagarjun Sakhamuri

Address of Applicant :Site No. 17, Phase 1, Peenya Industrial Area, Bangalore Karnataka India

(72)Name of Inventor :

1)Chandan Banerjee

2)T Srikant

3)U Basavaraju

4)Rajive Tomy M

5)M G Sreenivasan

6)K Mohanachandran

7)A K Barua

(57) Abstract :

This invention relates generally to fabrication of thin film semiconductor alloys and more particularly to fluorinated n-type microcrystalline silicon oxide layers. This invention relates to a method of fabricating the said layers using the same RF PECVD reactor as used for thin-film silicon solar cells. The wide band gap fluorinated n-type microcrystalline silicon oxide material provides a cost-effective replacement for Aluminium doped Zinc Oxide for back reflector layers and also provides a more simplified process for the fabrication of thin film solar cells

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/08/2013

(21) Application No.3911/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD AND SYSTEM TO FIND A PRECISE KEY FROM A PLURALITY OF KEYS FOR A LOCK

(51) International classification	:E05B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Akshay Varik
(32) Priority Date	:NA	Address of Applicant :A-204, Shriram Shreyas, Telecom Layout, Kodigehalli, Bangalore-560097 Karnataka India
(33) Name of priority country	:NA	2)Swathi G Nayak
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Akshay Varik
(87) International Publication No	: NA	2)Swathi G Nayak
(61) Patent of Addition to Application Number	:NA	3)Balachandra Kumaraswamy
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a lock and key. More particularly, to a method to find a precise key from a plurality of keys for a lock. In one embodiment, this is accomplished by pre-storing key pattern of all the available keys with their corresponding locks, where the key pattern is stored in a permanent memory of the lock, allowing the user to present at least one key from the plurality of keys in order to find a right key for a particular lock, capturing the pattern of the presented key, wherein the key pattern is stored in a temporary memory of the lock, comparing the captured key pattern with the pattern stored in the lock and indicating, a signal, if the presented key pattern match with the pre-stored key pattern.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3920/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF IMPROVING FATIGUE RESISTANCE OF THERMITE WELDING OF RAILWAY RAILS

(51) International classification	:B23K23/00	(71) Name of Applicant : 1)P. VENKATESWARA CHOWDARY Address of Applicant :#86-5-2/4, MANTHENA GARDENS, JAWAHARLAL NEHRU ROAD, RAJAHMUNDRY, EAST GODAVARI DIST 533 103 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)P. VENKATESWARA CHOWDARY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Preventing or reducing defects improves endurance limit and fatigue resistance of alumino thermit welding of railway rails. Thermal insulation of two rails on both sides of mould up to one meter length on each side starting from mould wall retards dissipation of heat energy that conducts to two rails from weld cavity into ambient air via surfaces of heat dissipating zones of two rails and retains heat energy in two rails. Retention of heat energy in the two rails causes: a) Prevents thermal contraction of heated and thermally expanded regions of two rails during solidification phase of welding and thereby prevents occurrence of tearing apart tensile stresses and thereby prevents hot tearing and formation of centerline defect; b) Reduces thermal gradient and thereby reduces conductive heat flux from weld cavity to two rails and thereby: i) Causes increase in depth of melt-back of stick-out rail ends, which prevents cold-lap defect formation, ii) Demotes progression of parallel dendritic solidification fronts of rails 51 and 52 towards each other along longitudinal axis of rails, which prevents formation of liquid weld metal pool locked amidst nascent solidus and thereby prevents shrinkage cavity defect formation, iii) Reduces criticality of initial temperature of superhot thermite liquid metal tapped into weld cavity and thereby reduces quantity of dissolved gases in thermite liquid metal, which reduces severity of microporosity defect. c) during solidification phase of welding increases conductive heat flux to the bottom of mould due to dissipation of heat energy via surfaces of heat dissipating fins present at the bottom of mould-assembly and thereby promotes vertically upward directional solidification of fused liquid metal present in weld-cavity and thereby prevents shrinkage cavity defect formation.

No. of Pages : 59 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4111/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN EFFICIENT METHOD FOR THE PRODUCTION OF TOBACCO PLANTS WITH VERY LOW NICOTINE CONTENT

(51) International classification	:C12N	(71) Name of Applicant :
(31) Priority Document No	:NA	1)REX ARUNRAJ
(32) Priority Date	:NA	Address of Applicant :ASSISTANT PROFESSOR,
(33) Name of priority country	:NA	DEPARTMENT OF GENETIC ENGINEERING, SRM
(86) International Application No	:NA	UNIVERSITY, KATTANKULATHUR, KANCHEEPURAM -
Filing Date	:NA	603 203 Tamil Nadu India
(87) International Publication No	: NA	2)MADASAMY PARANI
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)REX ARUNRAJ
(62) Divisional to Application Number	:NA	2)MADASAMY PARANI
Filing Date	:NA	

(57) Abstract :

The present invention concerns with production of tobacco plants with very low nicotine content, along with methods of use thereof, and the design of the RNAi vector. The addictive and co-carcinogenic properties of nicotine cause various forms of cancer, cardiovascular disease and pulmonary diseases. An RNAi vector pPMT RNAi with 162bp of exon 1 from NtPMT2 and native intron 1 of NtPMT2 as intronic spacer with conserved 5 and 3 splice site was designed and used to down regulate PMT. The best RNAi lines show drastic reduction in the nicotine level of only 0.07mg/g of dry weight against 4.11mg/g of wild type. This would open new avenues in tobacco control programs as these products have reduced levels of addictive and co-carcinogenic nicotine.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4037/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARTUS AND METHOD FOR PRODUCING PASTE AND JUICE FROM FOOD PRODUCT

(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

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Address of Applicant :25 Nimbekaipura Road, Virgo Nagar Post, Bangalore- 560049, Karnataka India

2)Karan Shishoo

(72)Name of Inventor :

1)Maithreya Sitaraman

2)Karan Shishoo

(57) Abstract :

An apparatus (100) for producing paste and juice from food products is provided. The apparatus (100) consists of a frame (118) supporting a base/platform. A ringer (101) is provided at a predetermined position on the platform to cut the skin of the food product. Further the apparatus (100) includes plurality of vessels for blanching, shocking, collecting and cooking the food product. Furthermore the apparatus (100) includes a deseeding unit (106) and a juice collecting unit (107) for deseeding and collecting the juice of the food products. The apparatus (100) further includes a paste refiner (109) to refine the paste to form a consistent paste.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2012

(21) Application No.3085/CHE/2012 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTI-FUNCTIONAL INTERFACE SYSTEM FOR CONNECTING FLOATING STRUCTURES

(51) International classification	:B63B35/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

**1)ASHWINI VISHWANATH
2)DR. PURNIMA JALIHAL
3)D. SUDHA
4)L. REKHA**

(57) Abstract :

The present invention discloses a multi-functional interface system that acts as a connector between the two separate floating structures and for effective fluid transfer between the floating structures. The disclosed interface system connects a floating plant platform capable of accommodating any offshore process activity to a permanently moored large diameter floating conduit. The plant platform comprises of deck(s), partly submerged columns and submerged pontoons. The conduit is capable of drawing water or any other fluids from deep ocean depths. The interface comprises of two sets of multi-axes decoupler, sturdy tubular horizontal arm frames extending up to the yaw reliever arrangement/joint of one of the multi-axes decoupler provided on the pedestal of the floating conduit. The multi-axes decoupler is fitted at the ends of the plant platform and the conduit. This helps in decoupling all the relative rotational and heave motion between the plant platform and the floating conduit. The fluid transfer between the conduit and platform is through the horizontal arm frames of the interface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2013

(21) Application No.3771/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : THREE TRANSISTOR BASED LOGIC GATES FOR LOW POWER AND HIGH SPEED APPLICATIONS

(51) International classification

:H03K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) 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. GEETHA PRIYA

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2)DR. K. BASKARAN

(72)Name of Inventor :

1)M. GEETHA PRIYA

2)DR. K. BASKARAN

(57) Abstract :

Digital systems are said to be constructed by means of logic gates. These gates are the AND, OR, NOT, NAND, NOR, EXOR and EXNOR gates. This Innovation is a novel three transistors (3T) based AND, OR, NAND and NOR gates with exact output logic levels, yet maintaining comparable performance than the other available logic structures. This new set of 3T logic gates are based on CMOS inverter and Pass Transistor Logic (PTL). The new logic is characterized by superior speed and low power which can be easily fabricated for Very Large Scale Integration (VLSI) designs and System on Chip (SoC) applications. The simulation tests were performed by employing standard 22nm BPTM process technology using HSPICE. According to HSPICE simulation in 22 nm CMOS process technology at room temperature, and under given conditions, the proposed 3T gates shows an improvement of 88% less power consumption on an average over conventional CMOS logic gates. The devices designed with 3T gates will make longer battery life by ensuring extremely low power consumption.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/08/2013

(21) Application No.3594/CHE/2013 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A NOVEL METHOD OF STORING AND DELIVERING PGPR/MICROBES THROUGH BIOCAPSULES

(51) International classification	:A01N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

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Address of Applicant :POST BOX NO. 1701, MARIKUNNU
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(72)**Name of Inventor :**

1)MUTHUSWAMY ANANDARAJ

2)BINI YOGIYARKUNDIL

3)RAGHAVAN DINESH

(57) Abstract :

This invention relates to a method of encapsulating plant growth promoting rhizobacteria (PGPR) into a bio capsule formulation having a long shelf life nearly a room temperature of 20°C-30°C. These capsule formulation contain PGPR in an immobilized/inactive condition with a population of 10⁶ CFU/g, alongwith protecting agent, buffering agent, essential nutrients, bulking agent and hard gelatin capsules.

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

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.10213/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMMUNICATIONS SYSTEM

(51) International classification	:H04H 1/69
(31) Priority Document No	:09305641.4
(32) Priority Date	:02/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059423
Filing Date	:02/07/2010
(87) International Publication No	:WO 2010/000936
(61) Patent of Addition 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)SEORZA, FRANCOIS

(57) Abstract :

A communications system including a modulator for generating a chirp signal aimed at spreading the frequency spectrum of an information signal over a specified spectral bandwidth of a communications channel is described. The chirp signal has an initial and a final instantaneous frequency. The system is characterized in that it is arranged so that the chirp signal is controlled from an in-phase control signal and a quadrature-phase control signal to have, in a complex plane, a constant amplitude and an instantaneous phase. The modulator is adapted so that the instantaneous frequency is defined by the speed at which the instantaneous phase is changed in the complex plane by the in-phase and quadrature-phase control signals; the instantaneous frequency is linearly changed between the initial instantaneous frequency and the final instantaneous frequency over the whole duration of the chirp signal; the initial and final instantaneous phases of the chirp signal are identical. The communications system also described an adapted demodulator capable of working even in presence of a significant frequency and/or timing offset between the transmitting and receiving clocking systems.

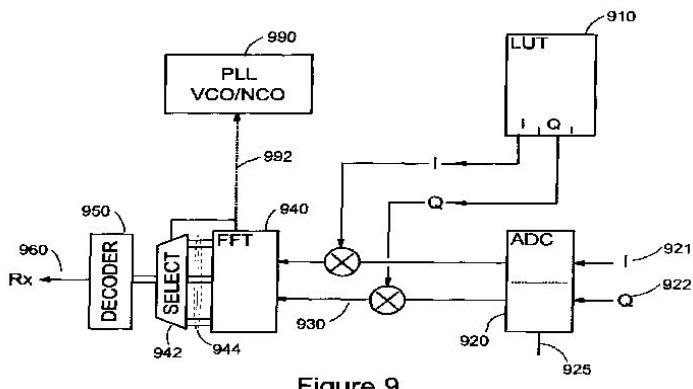


Figure 9

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.10217/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VIDEO ENCODING APPARATUS AND A VIDEO DECODING APPARATUS

(51) International classification	:H04N 7/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/061130
Filing Date	:18/06/2009
(87) International Publication No	:WO 2010/146696
(61) Patent of Addition 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)CHUJOH TAKESHI

3)TANIZAWA AKIYUKI

4)YASUDA GOKI

5)WADA NAOFUMI

6)WATANABE TAKASHI

(57) Abstract :

A video encoding apparatus is a video encoding apparatus for subjecting a video image to motion compensated prediction coding, comprising an acquisition module to acquire available blocks of blocks having motion vectors from encoded blocks adjacent to a to-be-encoded block and number of the available blocks, a selector to select one selection block from the encoded available blocks, a selection information encoder to encode selection information specifying the selection block using a code table corresponding to the number of available blocks, and an image encoder to subject the to-be-encoded block to motion compensated prediction coding using a motion vector of the selection block.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.10228/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF A PROSTAGLANDIN COMPOUND HAVING THE FOUMULA (I)

(51) International classification	:C07C 405/00	(71) Name of Applicant : 1)JOHNSON MATTHEY PUBLIC LIMITED Address of Applicant :40-42 HATTON GARDEN, LONDON EC1N 8EE, UNITED KINGDOM
(31) Priority Document No	:0329379.2	
(32) Priority Date	:19/12/2003	
(33) Name of priority country	:U.K.	
(86) International Application No Filing Date	:PCT/GB2004/005028 :01/12/2004	
(87) International Publication No	:WO 2005/058812	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:3143/DELNP/2006 :01/06/2006	(72) Name of Inventor : 1)DEREK WYNDHAM CLISSOLID 2)STUART WILBERT CRAIG 3)RAJENDRAKUMAR REDDY GADIKOTA 4)MIN HE 5)JURJUS FAYEZ JURAYJ 6)SHAHROKH KAZERANI 7)ERWIN RANNALA 8)PRADEEP KUMAR SHARMA

(57) Abstract :

A process for the preparation of a prostaglandin compound having the formula (I): wherein A is selected from the group consisting of C1-C6 alkyl groups; C7-C16 aralkyl groups wherein an aryl portion thereof is unsubstituted or substituted with one to three substituents selected from the group consisting of C1-C6 alkyl groups, halo and CF₃; and (CH₂)_nOR' wherein n is an integer from 1 to 3 and R' represents a C6 -C10 aryl group which is unsubstituted or substituted with one to three substituents selected from the group consisting of C1-C6 alkyl groups, halo and CF₃; B is selected from OR and NHR wherein R is C1-C6 alkyl groups; and represents a double bond or a single bond; the process comprising a step of preparing a compound of formula (VIIa): wherein A is selected from the group consisting of C1-C6 alkyl groups; C7-C16 aralkyl groups wherein an aryl portion thereof is unsubstituted or substituted with one to three substituents selected from the group consisting of C1-C6 alkyl groups, halo and CF₃; and (CH₂)_nOR' wherein n is an integer from 1 to 3 and R' represents a C6-C10 aryl group which is unsubstituted or substituted with one to three substituents selected from the group consisting of C1-C6 alkyl groups, halo and CF₃; P is a hydroxyl protecting group; and represents a double bond or a single bond; said step comprising selectively reducing a compound of formula (VIII): wherein A, P and are as defined above .

No. of Pages : 51 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2011

(21) Application No.10391/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR NETWORK CONGESTION MANAGEMENT

(51) International classification	:H04L 12/24
(31) Priority Document No	:200910108053.4
(32) Priority Date	:10/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/074699
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/142103
(61) Patent of Addition 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)SONG, XIAOLI

(57) Abstract :

The present invention is applicable to the data communication field. A method and system for network congestion management are provided. The network includes a core network entity having a congestion detection function and an upstream network entity which can respond to a congestion notification message. The method includes the following steps: when detecting a congestion status, the core network entity sending a congestion notification message to an upstream network entity; the upstream network entity decreasing its data transmission rate by a certain step length according to the received congestion notification message, and meanwhile resetting a timer or a counter for counting a number of data packets; when the timer or the counter overflows, triggering the upstream network entity to enter a rate restoring stage. The waste of network bandwidth is reduced through increasing the data transmission rate by the core network entity when the timer or the counter overflows.

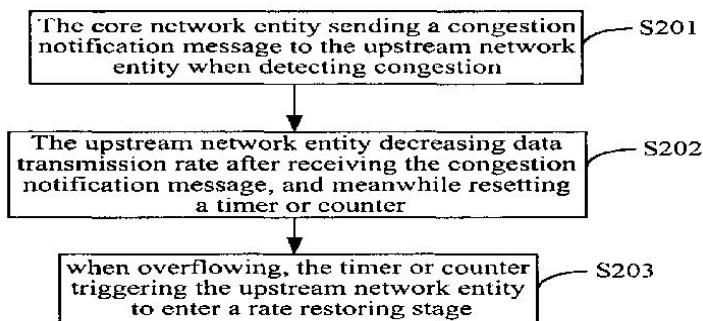


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2011

(21) Application No.1205/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR CONTINUOUS FLOW SYNTHESIS OF -AMINO CROTONATE

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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2)RAMESH ANNA JOSHI
3)ROHINI RAMESH JOSHI**

(57) Abstract :

Beta aminocrotonates are important intermediates for the synthesis of Ca channel blockers. The processes available in the art are batch processes with yields about 85%. There are no continuous processes available for the synthesis of such compounds. This gap in the art is addressed by the invention by disclosing a continuous process resulting in high yields of beta amino crotonates.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2011

(21) Application No.1206/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DALBERGIA SISOO DERIVED EXTRACT AND COMPOUNDS FOR THE PREVENTION OF OSTEO-HEALTH RELATED DISORDERS DESIGNATED AS OSTEO NATURAL CARE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MAURYA RAKESH
Filing Date	:NA	2)DIXIT PREETY
(87) International Publication No	:NA	3)TRIVEDI RITU
(61) Patent of Addition to Application Number	:NA	4)KHEDGIKAR VIKRAM
Filing Date	:NA	5)GAUTAM JYOTI
(62) Divisional to Application Number	:NA	6)KUMAR AVINASH
Filing Date	:NA	7)SINGH DIVYA
		8)SINGH SHEELENDRA PRATAP
		9)WAHAJUDDIN
		10)JAIN GIRISH KUMAR
		11)CHATTOPADHYAY NAIBEDYA

(57) Abstract :

The present invention relates to bioactive fractions and compounds from dalbergia sissoo for the prevention or treatment of osteo-health related disorders. The present invention relates in the field of pharmaceutical composition that provides new plant extracts, their fractions and pure compound isolated from natural sources that are useful for the prevention and/or treatment of various medical indications associated with estrogen dependent or independent diseases or syndromes or disorders preferably in the prevention or treatment of estrogen dependent or independent diseases or syndromes or disorders caused in humans and animals, and achievement of peak bone mass during skeletal growth and health in humans and animals. Particularly the present invention further relates to the processes for the preparation of biologically active extracts, fractions, and isolation of pure compounds, from Dalbergia sissoo plant from the family Fabaceae their pharmaceutically acceptable salts and compositions of the principal aspect of the present invention.

No. of Pages : 63 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2011

(21) Application No.1262/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONNECTOR AND ASSEMBLING METHOD THEREFOR

(51) International classification	:B23B
(31) Priority Document No	:JP2010-107552
(32) Priority Date	:07/05/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)SUMITOMO WIRING SYSTEMS, LTD.,
Address of Applicant :1-14, NISHISUEHIRO-CHO,
YOKKAICHI-CITY, MIE 510-8503, JAPAN.

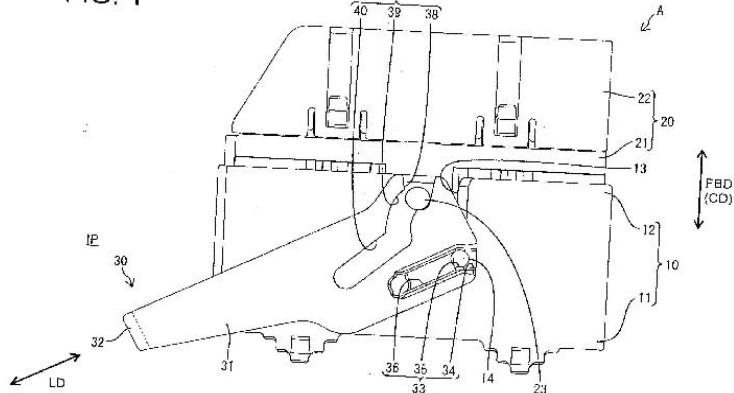
(72)Name of Inventor :

1)MASAYOSHI TAKATSU

(57) Abstract :

An object of the present invention is to realize an improvement in operability even if an operation space is limited. A force multiplying member 30 is rotatably supported on a first housing 10 by projections 14 (supporting portion) of the first housing 10 and supporting holes 35 (supporting portion) of the force multiplying member 30. The force multiplying member 30 is guided slidably relative to the first housing 10 by the projections 14 of the first housing 10 and guiding grooves 36 of the force multiplying member 30. In a connecting process of the two housings 10, 20, the force multiplying member 30 successively performs a rotational movement which displays a force multiplying action by causing track portions 39 for rotational movement and cam followers 23 (cam follower for rotational movement, cam follower for sliding movement) to slide and a sliding movement which displays a force multiplying action by causing track portions 40 for sliding movement and the cam followers 23 to slide. FIG. 1

FIG. 1



No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.10184/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPUTER TELEPHONY INTEGRATION DEVICE AND RESOURCE MANAGEMENT METHOD AND INCOMING CALL CONTROL METHOD

(51) International classification	:H04L
(31) Priority Document No	:200910203745.7
(32) Priority Date	:10/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072263
Filing Date	:27/04/2010
(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

(71)Name of Applicant :

1)ZTE CORPORATION

Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R. CHINA

(72)Name of Inventor :

1)FAN, ZHANHUA

(57) Abstract :

A Computer Telecommunication Integration (CTI) device in a call center is disclosed. This device comprises a CTI management module, one or more CTI units and an agent caching pool shared by said CTI units. Said CTI management module is configured to configure and register CTI units, and monitor states of said CTI units. The CTI unit is configured to manage agents which are subordinate to this CTI unit, cache an identifier of said agent, a state of said agent, and information of the CTI unit to which said agent is subordinate into said agent caching pool, and select an idle agent which is able to provide services, and return the selection result to said CTI management module. The agent caching pool is configured to cache the identifier of said agent, the state of said agent, and the information of the CTI unit to which said agent is subordinate. The technical scheme also provides a method for managing resources applied to a call center and a method for controlling an incoming call applied to a call center. Using this technical scheme, when the CTI units are dynamically increased, there is no negative effect on the normal operations and incoming calls of original CTI units.

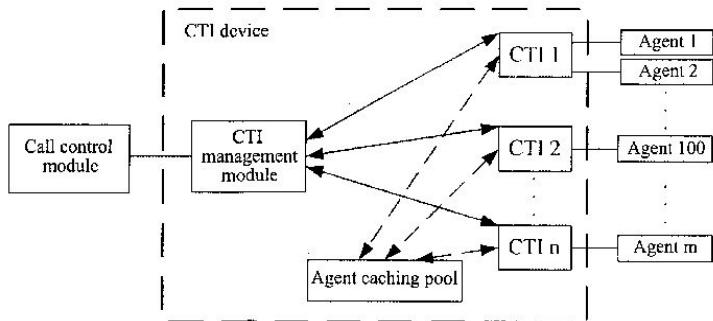


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.1115/DEL/2011 A

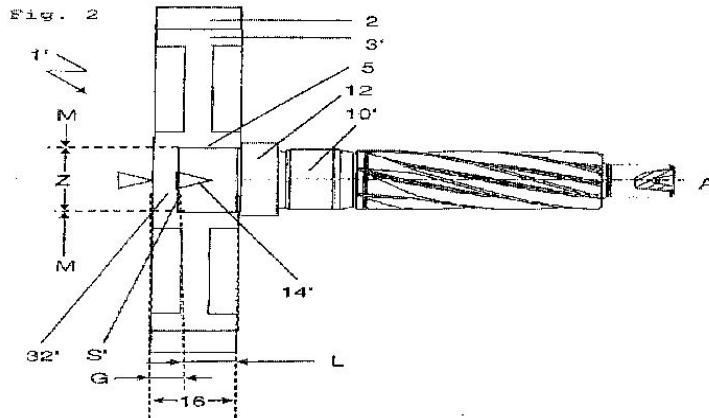
(43) Publication Date : 27/09/2013

(54) Title of the invention : SHAFT WITH A GEAR CAST ON ITS FRONT SIDE AND METHOD FOR PRODUCING SUCH A SHAFT

(51) International classification	:B60D	(71) Name of Applicant :
(31) Priority Document No	:10 2010 018079.3	1)IMS GEAR GMBH Address of Applicant :HEINRICH-HERTZ-STR. 16, 78166 DONAUESCHINGEN, GERMANY.
(32) Priority Date	:22/04/2010	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)OBERLE STEPHAN 2)SCHILLING BERND 3)PROBST UWE 4)BERNHARD MARKUS
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A shaft (10, 10') with two front sides (S, S') and an axis of rotation (A), whereby the shaft (10, 10') comprises at least one gear (1, 1') with the same axis of rotation (A), which gear borders at least a first one of the front sides (S, S') in an axial area (16). The gear (1, 1') comprises, viewed from radially inside toward radially outside, a connection part (3, 3') with a central receptacle (5) for the shaft (10, 10'), and an outer part (2) with teeth. The connection part (3, 3') is cast directly between the shaft (10, 10') and the outer part (2). The connection part (3, 3') extends over the shaft (10, 10') in axial direction and covers the first front side (S, S'). Figure 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2011

(21) Application No.1218/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A PROCESS FOR PREPARING A MEAT BASED PRODUCT AND THE MEAT PRODUCT THEREOF

(51) International classification	:A23C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)Director General Defence Research and Development Organization

Address of Applicant :Ministry of Defence Govt. of India
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India

(72)Name of Inventor :

- 1)KOTTIMANGALAM VARADACHAR
KUMUDAVALLY
2)AISHA TABASSUM
3)KOLPE RADHAKRISHNA
4)AMARINDER SINGH BAWA**

(57) Abstract :

The present invention provides a process for preparing a meat based product comprising: (j) deboning the meat and washing in water and draining; (k) mincing the meat chunks; (l) marinating the meat in 2-3% vinegar; (m) open cooking the marinated meat with salt; (n) adding a spice mix to the meat and pressure cooking; (o) adding 8-10% tomato ketchup and 0.5-1% soy sauce to the meat of step (e); (p) open cooking to obtain a moisture level of 60-62% and cooling; (q) spreading the meat obtained in step (g) between products selected from the group comprising bread slices, rolls, chapathis, shawarma, patties, cutlets and optionally smearing with butter; (r) Placing the meat product obtained in step (h) in flexible pouches and hermetically sealing and thermally processing the package at F0 value of 6-7. The present invention further provides a meat based product produced by the above process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2011

(21) Application No.1273/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : Winglet for a Wind Turbine Rotor Blade

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

(71)Name of Applicant :

1)General Electric Company

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

(72)Name of Inventor :

1)KOEGLER Klaus Ulrich

2)HERR Stefan

3)VEDULA Ramesh

(57) Abstract :

A winglet for a rotor blade is disclosed. The winglet may generally include a winglet body extending between a first end and a second end. The winglet body may define a sweep and may have a curvature defined by a curve fit including a first radius of curvature and a second radius of curvature. The sweep between the first end and the second end may range from about 580 millimeters to about 970 millimeters. Additionally, the first radius of curvature may range from about 1500 millimeters to about 2500 millimeters and the second radius of curvature may range from about 1200 millimeters to about 2000 millimeters.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.1117/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : C DEVICE FOR CORRECTING A DEFORMATION IN AT LEAST ONE MATERIAL WEB

(51) International classification	:B60D	(71) Name of Applicant :
(31) Priority Document No	:10 2010 019 602.9	1)TEXMAG GMBH VERTRIEBSGESELLSCHAFT Address of Applicant :ZEHNTENSTRASSE 17, 8800 THALWIL, Switzerland
(32) Priority Date	:05/05/2010	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)LUTZ SEIDEL
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A device for correcting a deformation inside at least one material web in the machine direction of the at least one material web comprises at least one roller body seated rotatably about an axis of rotation for guiding the at least one material web, and at least one rigid shaft that is arranged in the interior of the roller body. The rigid shaft is divided in the direction of the axis of rotation axis into a first part and a second part, the first part and the second part each having at least one curvature. The first part and the second part are rotatable and/or pivotable independently of one another, so that the roller body can be adjusted between at least a first and a second external shape.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.1118/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LIGHT EMITTING DEVICE

(51) International classification	:G09D	(71) Name of Applicant :
(31) Priority Document No	:2010-094718	1)NICHIA CORPORATION Address of Applicant :491-100, OKA, KAMINAKA-CHO, ANANSHI, TOKUSHIMA 774-8601, JAPAN.
(32) Priority Date	:16/04/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SASANO HARUAKI
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There is presented a light emitting device, having plural light emitting elements disposed on a substrate, in which a protection element, such as a zener diode, can be disposed at an appropriate position. The light emitting device includes: a substrate; a light emitting section having plural light emitting elements disposed in a mounting area on the substrate; a positive electrode and negative electrode each having a pad section and wiring section to apply voltage to the light emitting section through the wiring sections; a protection element disposed at one of the positive electrode and negative electrode and electrically connected with the other one electrode; and a light reflecting resin formed on the substrate such as to cover at least the wiring sections and the protection element, wherein the wiring sections are formed along the periphery of the mounting area such that one end portions thereof are adjacent to each other.

No. of Pages : 52 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.1219/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOTOR STATOR AND MANUFACTURING METHOD OF MOTOR STATOR

(51) International classification

:F03B

(31) Priority Document No

:P2010-

102501

(32) Priority Date

:27/04/2010

(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)HONDA MOTOR CO., LTD.

Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
MINATO-KU, TOKYO, Japan

(72)Name of Inventor :

1)KAZUHITO HIRAGA

2)KENICHI OMAGARI

3)TAKUMI SHIBATA

4)MASAHITO KAKEMA

5)YOSHIHISA MATSUOKA

6)MITSUHIRO OKAMURA

7)EIJI NINOMIYA

8)TAKESHI YANAGISAWA

(57) Abstract :

A motor stator (10) is provided with a stator core (11) having a plurality of slots (16), insulation members (12) which are disposed in the plurality of slots, and coils of a plurality of phases (13) which are respectively formed by distributed-winding wires (20) in prescribed slots of the plurality of slots disposed spaced apart at intervals of a predetermined number of slots via the insulation members. The wires are disposed within the insulation members in a condition that tensions are applied to the wires. The stator core, the insulation members and the coils are physically fixed together by the tensions of the wires.

No. of Pages : 108 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.1220/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR MANUFACTURING A CERAMIC COMPOSITE BASED ON SILICON NITRIDE AND BETA-EUCRYPTITE

(51) International classification	:B22C
(31) Priority Document No	:1001865
(32) Priority Date	:30/04/2010
(33) Name of priority country	:France
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)THALES

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NEUILLY/SUR/SEINE, FRANCE

**2)CENTRE NATIONAL DE LA RECHERCHE
SCIENTIFIQUE (CNRS)**

(72)Name of Inventor :

1)LAURENT BLANCHARD

2)GILBERT FANTOZZI

3)AURELIEN PELLETANT

4)HELEN REVERON

5)JEROME CHEVALIER

6)YANN VITUPIER

(57) Abstract :

Process for manufacturing a sintered ceramic composite, based on silicon nitride and -eucryptite, which includes a step of producing a first powder blend (101), consisting of a powder of silicon nitride in crystalline form and a powder of a first lithium aluminosilicate in crystalline form, the composition of which is the following: $(\text{Li}_2\text{O})_x (\text{Al}_2\text{O}_3)_y (\text{SiO}_2)_z$, the lithium aluminosilicate composition being such that the set of molar fractions (x,y,z) is different from the set (1,1,2), Figure 1.

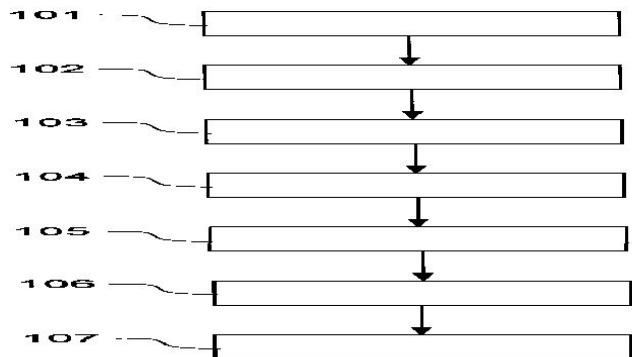


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.1278/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED ABRASION RESISTANT AND HYDROPHOBIC COMPOSITION FOR COATING PLASTIC SURFACES AND A PROCESS FOR ITS PREPATATON

(51) International classification	:C07C	(71) Name of Applicant : 1)INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWER METALLURGY AND NEW MATERIALS (ARCI) Address of Applicant :PLOT NO. 102, INSTITUTIONAL AREA, SECTOR 44, GURGAON-122003, HARYANA Uttar Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KALIDINDI RAMA CHANDRA SOMA RAJU
(62) Divisional to Application Number	:NA	2)DENDI SREENIVAS REDDY
Filing Date	:NA	3)RAGHAVAN SUBASRI
		4)GADHE PADMANABHAM

(57) Abstract :

The invention disclosed in this application relates to an improved abrasion resistant and hydrophobic composition for coating plastic surfaces which is a product of hydrolysis and condensation of silanes and the addition of a suspension of charged metal oxide nano particulate to the product of hydrolysis and condensation of silanes which results in excellent abrasion resistance in the coating that is cured at temperatures that are quite common to any polymer based paints. The composition is useful for coating particularly carbon epoxy composites. The composition of the present invention is suitable for application on plastic surfaces like polymethylmethacrylate, polycarbonate and polyvinyl chloride etc.

No. of Pages : 25 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.1060/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SUBSEA CONTROL MODULE WITH REMOVABLE SECTION

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:61/329,883	1)HYDRIL USA MANUFACTURING LLC
(32) Priority Date	:30/04/2010	Address of Applicant :3300 N. SAM HOUSTON PARKWAY EAST, HOUSTON, TEXAS 77032 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)SINGH HARDEV
Filing Date	:NA	2)DIETZ DAVID
(87) International Publication No	:NA	3)MELENDEZ LUIS
(61) Patent of Addition to Application Number	:NA	4)NGUYEN DAT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A subsea device is configured to control a subsea well. The subsea device includes a frame, a blowout preventer connected to the frame and configured to close a bore that fluidly communicates with the subsea well, a pressure supply line connected to the frame and configured to provide a fluid under high pressure, and a control module connected to the frame and configured to receive the fluid from the pressure supply line. The control module includes a fixed part and a removable section. The fixed part has a valve manifold that houses a hydraulic activated valve. The removable section is configured to detachably attach to the fixed part and includes an electrically activated valve. The hydraulic activated valve of the fixed part are configured to be actuated by the electrically activated valve when the removable section is mated to the fixed part.

No. of Pages : 47 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/04/2011

(21) Application No.1061/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A GLOVE FOR HEATING A WEARERS HAND AND A METHOD OF HEATING THEREOF

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :Ministry of Defence Govt. of India
Room No. 348 B-wing DRDO Bhawan Rajaji Marg New Delhi
110105 India

(72)Name of Inventor :

1)RAVI GURUPADAIAH REVAAIAH

2)S. N. VIJAYALAKSHMI

3)M. S. SUBBULAKSHMI

4)R. INDUSHEKAR

5)AGARAM SHRINIVAS MURTHY KRISHNA PRASAD

6)VINOD CHIDAMBAR PADAKI

(57) Abstract :

The present disclosure provides a glove for heating a wearers hand, said glove comprising; plurality of layers in a dorsal side of the glove and at least one layer in a palmer side of the glove, wherein said dorsal and palmer sides having a perimeter corresponding to shape of the wearers hand; plurality of heating tapes provided in fourchette portions of the fingers and in metacarpus portion of the dorsal side of the glove, wherein said heating tapes joins the dorsal side and palmer side of the gloves; a temperature sensor placed in dorsal side of the glove for measuring temperature of the glove; and a control unit interfaced with the temperature sensor and the heating tapes to maintain temperature of the glove with in a predetermined range.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.1240/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BIOLOGICAL STABILIZATION AND MINERALIZATION OF ORGANIC KITCHEN WASTE BY MICROBIAL CONSORTIUM

(51) International classification	:A01H	(71) Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS SECTOR-125, NOIDA, 201303 Uttar Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAJINI SINGH
(87) International Publication No	:NA	2)RAJSHREE SAXENA
(61) Patent of Addition to Application Number	:NA	3)SONALI GUPTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel microbial consortium comprising of four different strains i.e. *Salmonella* sp. *Pseudomonas aeruginosa* and two strains of *Bacillus* sp., for degradation of organic kitchen/food waste. The present invention also provides a method for degradation of organic kitchen/food waste using microbial consortium exhibiting good degradation of the waste. Microorganisms are screened on the basis of their ability to produce enzymes as lipase, protease, amylase and cellulose and microbial consortia capable of degrading organic kitchen waste are prepared using these strains.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2011

(21) Application No.1297/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEMS AND METHODS TO PROVIDE COMPLIANCE WITH STRUCTURAL LOAD REQUIREMENTS FOR AIRCRAFT WITH ADDITIONAL FUEL TANKAGE

(51) International classification	:A46D	(71) Name of Applicant :
(31) Priority Document No	:61/332,136	1)EMBRAER-EMPRESA BRASILEIRA DE AERONAUTICA S.A.
(32) Priority Date	:06/05/2010	Address of Applicant :AV. BRIGADEIRO FARIA LIMA, 2170, 12227-901, SAO JOSE DOS COMPOSE, SP, BRAZIL
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)WEBER BRITO BARBOSA
Filing Date	:NA	2)PAULO HENRIQUE HASMANN
(87) International Publication No	:NA	3)LUCIANO MAGNO FRAGOLA BARBOSA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems are provided to comply with structural load requirements applicable to aircraft additional fuel tank systems. A plurality of aircraft fuel tanks may be positioned adjacent to one another, preferably within the fuselage (e.g., a cargo compartment) of the aircraft so as to be disposed generally along a longitudinal axis of the aircraft. The tank body defining an interior space for holding aircraft fuel, an intercommunication conduit assembly between the fuel tank modules configured to refuel and transfer fuel from the tank modules by a cascade mode and an intentional air-filled ullage space are operatively associated with the tank body to prevent an overpressure condition within the interior space of the fuel tank body. The intentional air-filled ullage is obtained through the predetermined positioning of the terminal open end of the intercommunication tube inside the respective fuel tank module. The intentional air-filled ullage can be configured in all or in only some of the fuel tank modules according to the design of the auxiliary fuel tanks or aircraft structural loads requirements.

No. of Pages : 35 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2011

(21) Application No.10264/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MICROBIOCIDAL HETEROCYCLES

(51) International classification	:C07C
(31) Priority Document No	:09167741.9
(32) Priority Date	:12/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/061464
Filing Date	:06/08/2010
(87) International Publication No	:WO 2011/018415
(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)SULZER-MOSSE SARAH
2)LAMBERTH CLEMENS
3)QUARANTA LAURA
4)RESPONDEK MATHIAS STEPHAN**

(57) Abstract :

The invention provides a process for the preparation of a compound of formula (I) in particular, wherein a compound of formula (II) is reacted with a dialkylsulphate. R1 is C1-C4aloalkyl; R2 is optionally substituted alkyl, optionally substituted aryl or optionally substituted heteroaryl; and R3 is methyl or ethyl.

No. of Pages : 79 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.1054/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A SYSTEM FOR GENERATING CRYSTALS OF DESIRED SIZE AND NUMBER DENSITY OF A BIOMOLECULE, AND PROCESS THEREOF.

(51) International classification	:C07K	(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
(86) International Application No	:NA	KANPUR,KANPUR -208016 Uttar Pradesh India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)GHATAK, ANIMANGSU
(61) Patent of Addition to Application Number	:NA	2)GHATAK, ANINDITA SENGUPTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for generating crystals of desired size and number density of a biomolecule, and process thereof. The present invention relates to a system for generating crystals of desired size and number density of a biomolecule, said system comprising a volume of a biomolecule sandwiched between two substrates, wherein at least one of said substrate is patterned. The present invention also provides a process for crystallizing a biomolecule. The present invention allows for the screening of high throughput macromolecular crystallization, and requires very small initial concentration of biomolecule.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.1234/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : THERMAL INTEGRATION OF A CARBON DIOXIDE CAPTURE AND COMPRESSION UNIT WITH A STEAM OR COMBINED CYCLE PLANT

(51) International classification	:B65C
(31) Priority Document No	:10161290.1
(32) Priority Date	:28/04/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)PAUL DROUVOT

2)HONGTAO LI

3)JORG DIETZMANN

(57) Abstract :

A power plant system including a fossil fuel fired power plant (6) for the generation of electricity, a carbon dioxide capture and compression system (5, 13) and an external heat cycle system comprises at least one heat exchanger (1,2,3) for the heating of the flow medium of the external heat cycle system, wherein the heat exchanger (1,2,3) is connected to a heat flow from the C02 capture plant (5) or a C02 compression unit (13). A return flow from the heat exchanger (1,2,3) is led to the C02 capture and compression system (5,13) or to the power plant (6). The power plant system allows an increase in overall efficiency of the system. The invention also includes a method for operating the power plant system. (Fig. 6)

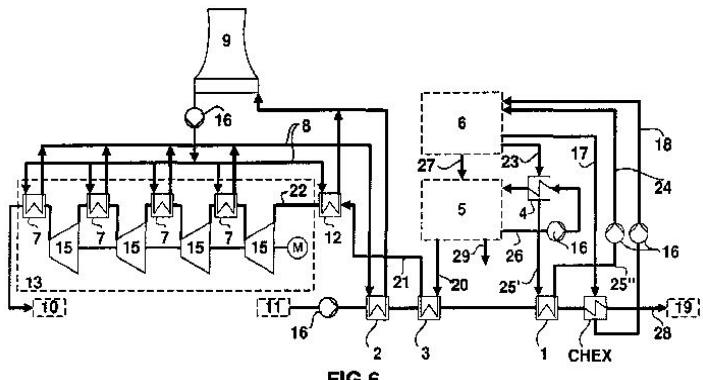


FIG.6

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2011

(21) Application No.1295/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REINFORCING STRUCTURE FOR VEHICLE BODY FRONT PART□

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-107083	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:07/05/2010	Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-ken Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)Yoshitaka USUDA
Filing Date	:NA	
(87) 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 reinforcing structure for a vehicle body front part has a reinforcing member 10 disposed at a corner portion 9 formed by a dash panel 5 and a dash side panel 6. The reinforcing member 10 includes a plate-like main body portion 11 that has a width in a horizontal direction and extends between the dash panel 5 and the dash side panel 6 near the corner portion 9, a first connection portion 12 that is provided at a first end portion 11 a of the main body portion 11 and extends in a vehicle vertical direction, and a second connection portion 13 that is provided at a second end portion 11 b of the

No. of Pages : 23 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.1348/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A PROCESS FOR PRODUCTION OF FERMENTABLE SUGARS FROM LIGNOCELLULOSIC SUBSTRATE

(51) International classification	:A23J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)DR. RAMESH CHANDER KUHAD

2)RISHI GUPTA

(57) Abstract :

This invention relates to a process for production of fermentable sugars from Lignocellulosic biomass. The invention describes a process of increasing the concentration of fermentable sugar by looping the steps of acid hydrolysis. The disclosed method saves 30-40% acid and 60-70% water required for the conversion of the lignocellulosic biomass to fermentable sugars.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2011

(21) Application No.1411/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GAP ANALYZER DEVICE AND METHOD

(51) International classification	:G01J
(31) Priority Document No	:CO2010A000030
(32) Priority Date	:31/05/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GIACCHERINI STEFANO

2)CASSISI ANDREA

(57) Abstract :

Method and gap analyzer device configured to determine a gap in a turbo-machine. The gap analyzer device includes a housing configured to receive a rechargeable battery; a voltage multiplier unit configured to increase a voltage of the rechargeable battery to a predetermined value; a voltage stabilization unit configured to stabilize the voltage having the predetermined value; an output port configured to output the voltage having the predetermined value to a probe; an input port configured to receive from the probe a signal indicative of the gap of the turbo-machine; a processor unit configured to determine a voltage associated with the signal; a display configured to display the determined voltage; a common port connected to the voltage stabilization unit, the voltage multiplier unit and the display; and a switch electrically connected between the processor unit and the battery for switching on and off the gap analyzer device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.10306/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PACKAGING MATERIAL WITH INTEGRATED PRESSURE RELIEF VALVE

(51) International classification	:B32B 3/08
(31) Priority Document No	:09165192.7
(32) Priority Date	:10/07/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/059470
Filing Date	:02/07/2010
(87) International Publication No	:WO 2011/003831
(61) Patent of Addition 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)LYKKE, KIRSTEN

2)HANSEN, PETER

(57) Abstract :

A packaging material for forming at least a part of a package for a product releasing gasses comprises a one-way pressure relief valve (18) including a first inner film (10), being provided with at least one inlet opening (13,14) therethrough, and a second outer film (11) covering the at least one inlet opening (13, 14) and being bonded to the first inner film (10) to form a channel portion (12) between the inner and the outer film. The channel portion (12) communicates with the surroundings of the package through at least one outlet opening (15) spaced apart from the at least one inlet opening (13, 14). The pressure relief valve (18) further comprises a liquid (19) provided in the channel portion (12) and solid spacer means (17) provided in the channel portion (12) proximate to the at least one inlet opening (13, 14).The outer film (11) is a soft film having such a flexibility or elasticity that in a tensile test a force of less than 5 N is needed for elongating a test piece thereof having a width of 15mm by 5%. Fig. 2

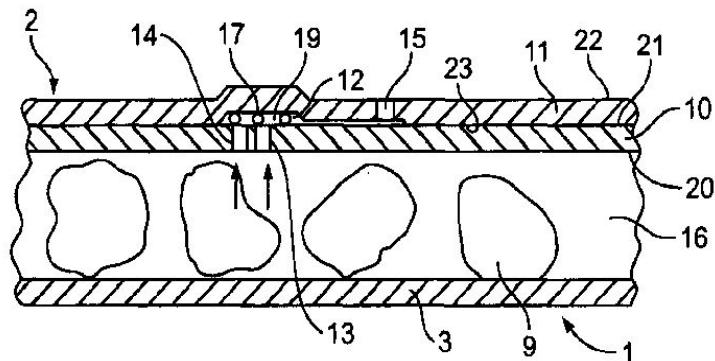


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2011

(21) Application No.1188/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HEATING UNIT OF VEHICLE HEATING SYSTEM

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

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(72)Name of Inventor :

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2)NODA RYOUSEI

3)ANZAI HIROKI

(57) Abstract :

A heating unit can reduce the rate of power consumption rate for heating a vehicle, so that the running distance of the vehicle is increased and hence the battery charging cycle of the vehicle is prolonged. A heating unit of a vehicle heating system arranged in a blown air flow path for either internal air or external air to be blown into the inside of a vehicle in order to heat blown air includes a casing made of a metal material capable of electromagnetically shielding microwaves and arranged in the blown air flow path, the casing having a hollow section with an upstream side opening and a downstream side opening as viewed in the flow direction of blown air so as to allow blown air to flow in and out therethrough, a support arranged in the hollow section of the casing, a large number of microwave absorbing/heat emitting members arranged at the support at appropriate intervals, each having a hollow section with an upstream side opening and a downstream side opening at the opposite ends of the support as viewed in the air blowing direction and a microwave outputting means arranged in the casing to output microwaves toward respective microwave absorbing/heat emitting members, blown air being heated by heat generated as a result of absorption of microwaves by the microwave absorbing/heat emitting members at the time for blown air to flow from the upstream side to the downstream side in the hollow sections of the microwave absorbing/heat emitting members.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.1418/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RAIL SYSTEM, PARTICULARLY FOR AN ELECTRIC PALLET TRACK

(51) International classification	:G09D
(31) Priority Document No	:10 2010 021 594.5
(32) Priority Date	:26/05/2010
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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(72)Name of Inventor :

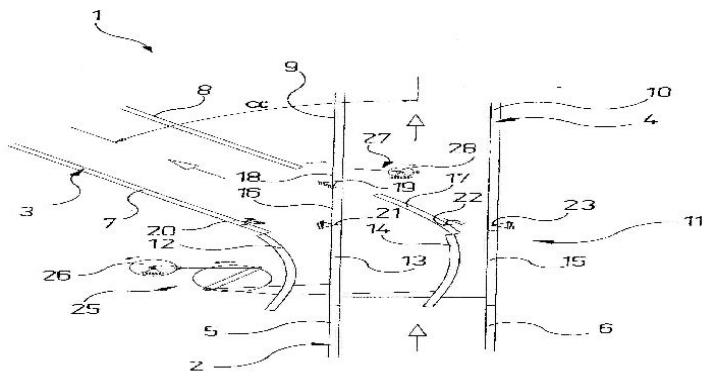
1)KLAUS GAWELCZYK

2)MARTIN WADER

3)MICHAEL HONNE

(57) Abstract :

A rail system (1) which is particularly suitable for an electric pallet track has, in known manner, a main line (2) which can be optionally connected to at least two branch lines (3, 5) by way of points (11). The points (11) have as many movable rail portions (12, 13, 14, 15) for each rail (5, 6) of the main line (2) as there are branch lines (3, 4). These movable rail portions (12, 13, 14, 15) can each be pivoted about a stationary pivot axis (20, 21, 22, 23) which is located outside the longitudinal extent of the corresponding movable rail portion (12, 13, 14, 15). It is thus possible for the gaps produced between the ends of adjacent stationary rails (5, 6, 7, 8, 9, 10) and the respective movable rail portion (12, 13, 14, 15) of the points to be kept small. (Figure 1).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.1033/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SURFACE INDUCED DISASSEMBLY OF NANO CONTAINERS.

(51) International classification	:C07C	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)K. KRISHNAMOORTHY
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses composition of oxidized conducting polymer and micelle assembly for site specific delivery of guest molecule. This delivery is achieved by polyvalent interaction between micelle assemblies and delocalized charges of polymer to trigger the disassembly. The invention further discloses the process of preparation of composition of oxidized conducting polymer and micelle assembly for site specific delivery of guest molecule.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/04/2011

(21) Application No.1063/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : Weight Applied Power Generator

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

(71)Name of Applicant :

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(72)Name of Inventor :

1)Bhanupratap Singh Rathore

(57) Abstract :

An electricity generating device is described herein. The electricity generating device comprises a reciprocating means which is operated by the variable weight of human, moving vehicles, animals or the like, a crankshaft which is connected to the reciprocating means for converting a reciprocating motion into a rotary motion and a power generating device for converting mechanical energy of the crankshaft into electrical energy. The power generating device is connected to the crankshaft through a torque transmitting means which is provided to enhance the rotational motion from the crankshaft to the power generating device.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1425/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR FLEXIBLE WIDEBAND FREQUENCY TRANSPOSITION, AND ASSOCIATED SATELLITE REMOTE CONTROL RECEIVER

(51) International classification	:H04L
(31) Priority Document No	:1002153
(32) Priority Date	:21/05/2010
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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NEUILLY/SUR/SEINE, FRANCE

(72)Name of Inventor :

1)THIERRY POPULUS

(57) Abstract :

A device (501) for double frequency transposition, comprising means (500) for controlling the frequencies FOL1, FOL2 of a first and a second synthesizer (106, 107), which are adapted to carry out the following steps: o Initializing the frequency FOL2 at a first given value FOL2,A>o For a given pair of frequencies (FRF, FFI2), determining the frequency FQL1 with the aid of the following relations: ■ If FRF > FoL1 and FFI1 < FOL2, FRF = FQL1 + FOL2 - FFI2 (5), ■ If FRF > FoL1 and FFI1 > FOL2, FRF = FOL1 + FOL2 + FFI2 (6), ■ If FRF < FoL1 and FFI1 > FOL2, FRF = FQL1 - FOL2 - FFI2 (7), ■ If FRF < FoL1 and FFI1 < FOL2, FRF = FOL1 - FOL2 + FFI2 (8), o If the value obtained for FOL1 lies in a frequency band of lower bound A.FREF - B.X and upper bound A. FREF + B.X, where A is a strictly positive integer and X is a given parameter, modifying the frequency FOL2 to a second value FOL2,B determined so that the difference in absolute value between FOL2,A and FOL2,B satisfies the following two conditions: |FOL2,B - FOL2,A| > AFREF + 2B.X |FOL2,B - FOL2,A| < AFREF - 2B.X o Transmitting the frequency values FOL1 and FOL2 to said frequency synthesizers (106, 107). Figure 5

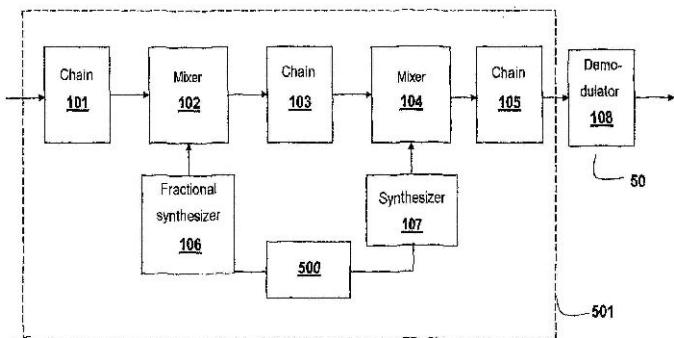


FIG.5

No. of Pages : 20 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1426/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR PRODUCING WINDINGS FOR A DRY-TYPE TRANSFORMER

(51) International classification	:F21Q
(31) Priority Document No	:10 005 442.8
(32) Priority Date	:26/05/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)FRANK CORNELIUS

3)JENS TEPPER

4)OLIVER BECKER

5)PAUL SZASZ

(57) Abstract :

The invention relates to a method for producing windings for a dry-type transformer with in each case one winding for the low voltage (LV winding) and one for the high voltage (HV winding), which are each electrically insulated from one another and whose layers are electrically insulated from one another by virtue of, initially, the winding for the low voltage being produced from electrically conductive wire or tape material and an insulating layer consisting of resin-impregnated fibre material, for example rovings, being wound around said winding, with the winding for the high voltage then being formed on top of said winding, with the individual layers of the winding for the high voltage each being insulated from one another by means of resin-impregnated fibre rovings, wherein, prior to the application of the HV winding, the maximum insulating thickness required for the layer insulation and the number of fibre rovings corresponding to this insulating thickness is determined and, in addition, each winding layer and the associated insulating layer are produced simultaneously with a physical offset with respect to one another and the required insulating thickness is set both via the number of fibre rovings and via the winding feed of the fibre rovings, wherein, in addition, in order to produce the winding, fibre polymer layers formed from fibres and a solid polymer matrix are applied alternately and repeatedly, as layers of insulation, simultaneously with the winding conductor between the individual winding layers of the winding, and, once said fibre/polymer layers have been applied to the individual winding layers, the finished winding is subjected to a curing operation, such that the preps applied to the winding are cured.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/04/2011

(21) Application No.1084/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONCAVE-CONVEX SHAPES ON BOLTS AND NUTS TO MINIMIZE BENDING

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/770,659	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:29/04/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK, 12345, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)NIES JACOB JOHANNES
Filing Date	:NA	2)SUBRAMANIAN SHANMUGA-PRIYAN
(87) 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 flange connection (100) is provided which includes a first flange (301) having a first mounting hole (308) and at least one second flange (302) having a second mounting hole adapted to be aligned with the first mounting hole (308). A bolt (101) including a shaft portion (102) having a threaded portion (105), and a head portion (103) formed at one end of the shaft portion (102) is adapted to pass through the first and second mounting holes (308). A screw nut (201) is adapted to be screwed onto the threaded portion (105) and for connecting, when tightened, the first flange (301) and the at least one second flange (302). At least one of the head portion (103) and the screw nut (201) includes a convex surface which is oriented towards the respective flange, and the respective flange includes, at the mounting hole (308), a flange recess (306) which is oriented towards the convex surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.1227/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BLUE, RED, AND YELLOW DYE COMPOUNDS, AND BLACK INK COMPRISING THE SAME

(51) International classification	:H01R
(31) Priority Document No	:099119826
(32) Priority Date	:18/06/2010
(33) Name of priority country	:Taiwan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CHEN, HSIAO-SAN

2)LIN, JEN-FANG

(57) Abstract :

A novel black ink composition is provided. In the black ink composition of the present invention, the dye compounds include a blue dye compound of formula (I), a red dye compound of formula (II) and a yellow dye compound of formula (III). The black ink composition of the present invention is suitable for inkjet printing to improve light-fastness and printing property.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.1228/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SUPPORT SYSTEM FOR POWER TRAIN OF VEHICLE

(51) International classification	:H01R	(71) Name of Applicant :
(31) Priority Document No	:2010-103707	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:28/04/2010	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)SUZUKI SHINTARO
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power train of a vehicle is supported by a vehicle power train support system composed of a plurality of support units including a pair of right and left support units. One of the paired support units of the support system comprising is provided with a mount device mounted on the side members, the mount device including an outer cylinder and a central shaft having an axis extending in a vertical direction of the vehicle, mount brackets secured to front and rear portions of the outer cylinder, extension brackets disposed, with a predetermined space therebetween in the longitudinal direction of the vehicle, to an upper portion of the side member, a further mount bracket secured to the power train, the another mount bracket being connected to a lower end of the central shaft protruding downward from a bottom portion of the outer cylinder, and a U-shaped stopper bracket mounted to a lower portion of the outer cylinder, the U-shaped stopper bracket surrounding front, lower and rear portions of the further mount bracket. The stopper bracket has a lower end protruding downward from an upper end of the extension bracket in the vertical direction of the vehicle, and the stopper bracket is disposed in the space between the extension brackets.

No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1284/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PASTEURISATION PROCESS FOR MICROBIAL CELLS AND MICROBIAL OIL

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

(71)**Name of Applicant :**

1)DSM IP ASSETS B.V.

Address of Applicant :OF HET OVERLOON 1, 6411 TE HEERLEN, THE NETHERLANS

(72)**Name of Inventor :**

1)ALBERT SCHAAP

2)DANIEL VERKOEIJEN

(57) Abstract :

A process for pasteurising microbial cells, the process comprising heating the cells at a temperature comprising 40° C to 70 ° C in no more than 30 minutes or at a rate greater than 0.5 ° C/minute.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2011

(21) Application No.1460/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : Automatic Plant Watering Device

(51) International classification	:B03C	(71) Name of Applicant : 1)Abdul Kaleem Address of Applicant :s/o Md. Aziz Mansuri (Arfi) 13/392 Aarfi Manzil Bhujaule Road Taluka-Devaria Khas District- Deoria Uttar Pradesh India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provieds an automatic plant watering device for maintenance optimum moisture level in planting medium comprising at least one moisture sensor along with aa sensor box, an electric motor, atleast one water reservoir, atleast one conduit

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/04/2011

(21) Application No.1097/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A TWO PIECE CLOSURE CAP FOR BOTTLE CONTAINER □

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)PROMED RESEARCH CENTRE
(32) Priority Date	:NA	Address of Applicant :261 Udyog Vihar Phase-IV Gurgaon
(33) Name of priority country	:NA	Haryana 122001 India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DEEPAK BAHRI
(87) International Publication No	: NA	2)DILIP CHATURVEDI
(61) Patent of Addition to Application Number	:NA	3)ANUPAM CHANDA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates generally to a two piece closure caps for bottle containers having a threaded neck portion onto which the cap is intended to fit. More specifically, the bottle container is used for storing and dispensing pharmaceutical/medical product. The medical product is in the liquid form for ophthalmic and /or Ear related infections / disease.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/04/2011

(21) Application No.1098/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BRACKET STRUCTURE IN VEHICLE BODY REAR PORTION□

(51) International classification	:B23B
(31) Priority Document No	:2010-096875
(32) Priority Date	:20/04/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)SUZUKI MOTOR CORPORATION

Address of Applicant :300 Takatsuka-cho Minami-ku
Hamamatsu-shi Shizuoka-ken Japan

(72)**Name of Inventor :**

1)Hossain AMIR

2)Takayuki SOUMA

3)Kazuaki IKEJIMA

4)Teruhisa MITA

(57) Abstract :

A bracket structure is in a vehicle body rear portion. In the bracket structure, an upper bracket 19 and first and second lower brackets 18 and 15 are disposed in such a manner as to be shifted to a right side or a left side in the vehicle width direction 1"1"0111 an axis passing through a center of a spare tire housing 5, the second lower bracket 15 is formed in a concave shape and a closed section is formed between the first lower bracket 18 and the second lower bracket 15 by superposing the first lower bracket 18 and the second lower bracket 15, and the upper bracket 19 is attached to a top surface or the rear floor panel 4, and the upper bracket 19 and the first lower bracket 18 are disposed so as to correspond to each other in a vertical direction.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1423/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : KAMOL (MEDICINE).

(51) International classification	:A61H	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AJAY KUMAR
(32) Priority Date	:NA	Address of Applicant :AJAY KUMAR 4174-C VIBHAV
(33) Name of priority country	:NA	KHAND GOMTI NAGAR LUCKNOW 226010 Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)AJAY KUMAR
(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 new medicine named KAMOL formation for the treatment - ORAL CANCER. i.e Oral Epithelial Carcinoma, oral floor and tongue carcinoma, having anti inflammatory property used in pharyngitis, and with a feature of good anti oxidant keeping the characteristic of regeneration of epithelium also preferred in oral stomatitis and oral mucositis.

No. of Pages : 6 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1424/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR FILTRATION WITH A SET OF LEAST ONE FILTER CASSETTE

(51) International classification

:B63H

(31) Priority Document No

:1053875

(32) Priority Date

:19/05/2010

(33) Name of priority country

:France

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MILLIPORE CORPORATION

Address of Applicant :290 CONCORD ROAD, BILLERICA,
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(72)Name of Inventor :

1)SEBASTIEN CIROU

2)JEAN-LOUIS WEISSENBACH

3)RENE REINBIGLER

4)JEAN-LUC BEULAY

5)FRANS MELS

6)CECILE DELBOS

(57) Abstract :

The invention concerns a filtration device comprising a manifold (3) providing fluid connection and mechanical connection comprising a clamping plate (4) movably mounted relative to the manifold (3) and adapted to compress at least one cassette (2) against the manifold (3), means for driving and guiding the clamping plate comprising a rod (6) extending between the manifold (3) and the plate (4), an actuator provided with a body and a member moveable relative to the body, which member is adapted to move through a predetermined travel between an extended position and a retracted position, the body being carried by the manifold (3), and the member carrying the rod (6) and driving the plate (4) via the rod (6) to a clamped position in which the member is in an intermediate retracted position in which it has moved through a shorter travel than the predetermined travel relative to its extended position. (see Figure 4)

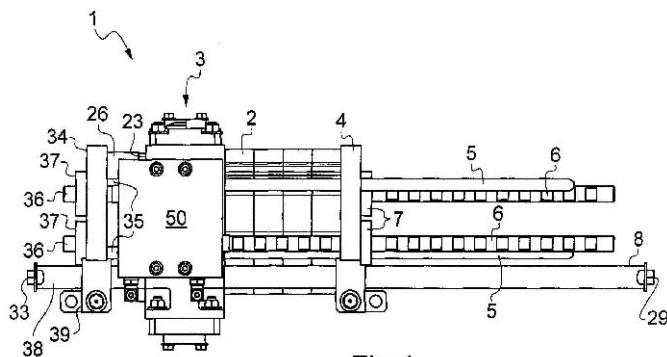


Fig.4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1487/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYNCHRONIZING DEVICE IN A SHIFT GEARBOX

(51) International classification	:H01L	(71) Name of Applicant :
(31) Priority Document No	:10 2010 023087.1	1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant :PORSCHEPLATZ 1, 70435 STUTTGART, Germany
(32) Priority Date	:28/05/2010	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)THORSTEN BOGER
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a synchronizing device in a shift gearbox, which synchronizing device is fixedly connected to a gearbox shaft and has a shift sleeve (1) which, by means of a latching arrangement (3, 5), is held under spring preload on a thrust piece unit (6) in an initial position, said thrust piece unit (6) being mounted in a synchronizing body and having a thrust piece (11) and a spring (7), wherein by means of an applied shift force (F), the shift sleeve (1) can be moved out of the initial position, axially out of the latching arrangement (3, 5), counter to the force of the spring (7). In a device of said type, it is provided according to the invention that the thrust piece unit (6) has, in addition to the spring (7), a viscous damper (8) for generating a shift force (F) dependent on the shift speed of the shift sleeve (1). The device according to the invention prevents a synchronization failure during a fast shift.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.1114/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FAULT DETECTION DEVICE AND METHOD FOR DETECTING AN ELECTRICAL FAULT

(51) International classification	:H01S
(31) Priority Document No	:12/770,918
(32) Priority Date	:30/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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

(72)Name of Inventor :

1)BARTON WERNER

(57) Abstract :

A fault detection device adapted for detecting an electrical fault at a medium voltage switchgear (200) having at least one power module (201, 202, 203) is provided. The fault detection device includes at least one input current sensor (301-302, 303) adapted for measuring at least one input current (501, 502, 503) of the at least one power module (201, 202, 203) of the medium voltage switchgear (200) and at least one output current sensor (400, 401, 402, 403) adapted for measuring at least one output current (600, 601, 602, 603) of the at least one power module (201, 202, 203) of the medium voltage switchgear (200). A comparator (405) is provided which is adapted for comparing the at least one output current (600, 601, 602, 603) with the at least one input current (501, 502, 503). A control unit (406) is adapted for determining an electrical fault at the at least one power module (201, 202, 203) of the medium voltage switchgear (200) on the basis of the comparison. (Figure 6)

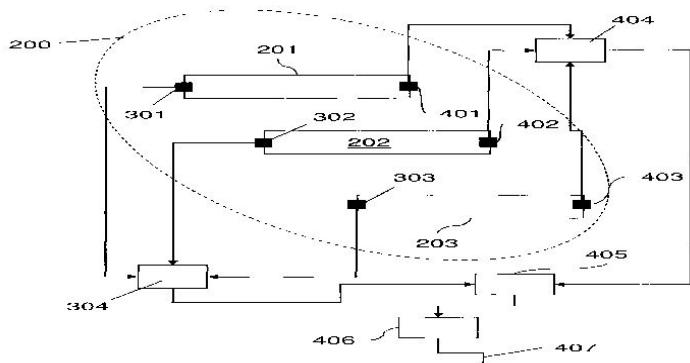


FIG. 6

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2011

(21) Application No.1216/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LASER LAP WELDING METHOD FOR GALVANIZED STEEL SHEET□

(51) International classification	:B25G
(31) Priority Document No	:2010-102901
(32) Priority Date	:28/04/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)SUZUKI MOTOR CORPORATION

Address of Applicant :300 Takatsuka-cho Minami-ku
Hamamatsu-shi Shizuoka 4328611 Japan

(72)Name of Inventor :

1)Tsukasa HAGIHARA

2)Takayoshi DAN

(57) Abstract :

Provided is a laser lap welding method for a galvanized steel sheet, comprising the steps of: preparing two steel sheets (11, 12), at least one of which is a galvanized steel sheet, in such a manner that the steel sheets are directly lapped one over the other with a galvanized layer of the galvanized steel sheet located as an interface of the steel sheets; and irradiating an outer surface of any one steel sheet in the lap region of the two steel sheets with a laser beam under predetermined power and speed conditions, so that an elongated hole (20) is formed in a molten pool (2) extending backward from a laser irradiation position (10) at least in the steel sheet on the outer surface side,.....

No. of Pages : 21 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/05/2011

(21) Application No.1329/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REDISPERSIBLE POWDER COMPOSITION FOR DRY MORTAR FORMULATIONS

(51) International classification

:C10N

(31) Priority Document No

:61/395,706

(32) Priority Date

:17/05/2010

(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

(57) Abstract :

The present invention relates to a redispersible powder composition for use in the preparation of dry mortar formulations, especially of cementitious bound tile adhesives (CBTA). The invention further relates to a dry mortar formulation comprising said redispersible powder composition. Furthermore, the invention is directed to a method of increasing the open time of a dry mortar formulation without deteriorating the mechanical strength of the cured dry mortar formulation.

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

(71)Name of Applicant :

1)THE DOW CHEMICAL COMPANY

Address of Applicant :2030 DOW CENTER, MIDLAND,
MICHIGAN 48674, U.S.A.

(72)Name of Inventor :

1)LARS FENGLER

2)RENE KIESEWETTER

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1516/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIND TURBINE BLADES WITH CONTROLLABLE AERODYNAMIC VORTEX ELEMENTS

(51) International classification

:B23B

(31) Priority Document No

:12/813,650

(32) Priority Date

:11/06/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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

(72)Name of Inventor :

1)XIONG WEI

(57) Abstract :

A wind turbine blade (16) has a suction side surface (20) and a pressure side surface (22). A plurality of dynamic vortex elements (24) are formed on at least one of the suction side (20) or the pressure side surfaces (22). The vortex elements (24) are activatable between a first retracted position that is inwardly recessed relative to a neutral plane of the surface on which they are formed and a second extended position that is outwardly protruding relative to the neutral plane of the surface.

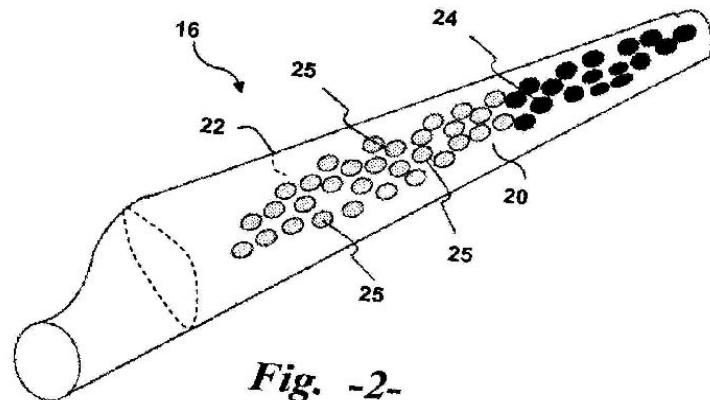


Fig. -2-

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1517/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTROL SYSTEMS AND METHODS FOR CONTROLLING A DRY FEED SYSTEM TO CONVEY A SOLID FUEL

(51) International classification

:B23B

(31) Priority Document No

:201010193544.6

(32) Priority Date

:03/06/2010

(33) Name of priority country

:China

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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(72)Name of Inventor :

1)FU XU

2)HU ZHONGZHI

3)ZHAO TONG

4)CAI ZILI

5)CHEN YAO

6)HUANG BAOMING

7)CHEN WEI

8)LIU KE

(57) Abstract :

A control system for controlling a dry feed system to convey a solid fuel includes multiple sensors, a pressurizing gas controller, at least one assistant gas controller and multiple gas valves. The sensors generate multiple measurement signals signifying characteristics of the dry feed system. The pressuring gas controller calculates a feed tank pressure bias or/and a pressuring gas flow bias based on a solid flow rate and generates a first control signal based on the pressure bias or/and the pressurizing gas flow bias. The assistant gas controller calculates an assistant gas bias based on a solid loading ratio and generates a second control signal based on the assistant gas bias. The gas valves are driven by the first or/and second control signals to regulate the solid fuel. A control method is also described.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2011

(21) Application No.1412/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NATURAL GAS LIQUIDS RECOVERY DEVICE AND METHOD

(51) International classification :C07D
(31) Priority Document No :CO2010A000031
(32) Priority Date :31/05/2010
(33) Name of priority country :Italy
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NUOVO PIGNONE S.p.A.

Address of Applicant :VIE FELICE MATTEUCCI, 2, 50127
FLORENCE, ITALY

(72)Name of Inventor :

1)AMIDEI SIMONE

2)MONTI FRANCESCA

3)GIUSTI ANDREA

4)RISAT MESGINA TSEGAI

(57) Abstract :

A natural gas liquids (NGL) recovery system and method for separating NGLs from a feed gas is provided. The method includes receiving the feed gas; increasing a pressure of the feed gas by running the feed gas through a compressor connected to a gas turbine; diverting part of the feed gas from an output of the compressor and feeding the diverted part to a dryer; drying the diverted part to remove water and produce a dry gas; expanding the dry gas in a turbo-expander; separating the expanded gas into the NGL and fuel gas; and providing the fuel gas to the gas turbine as fuel without contamination.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.1673/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR CONTROLLING A PROXIMITY SENSOR OF A WIND TURBINE

(51) International classification	:B60D
(31) Priority Document No	:12/826,031
(32) Priority Date	:29/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

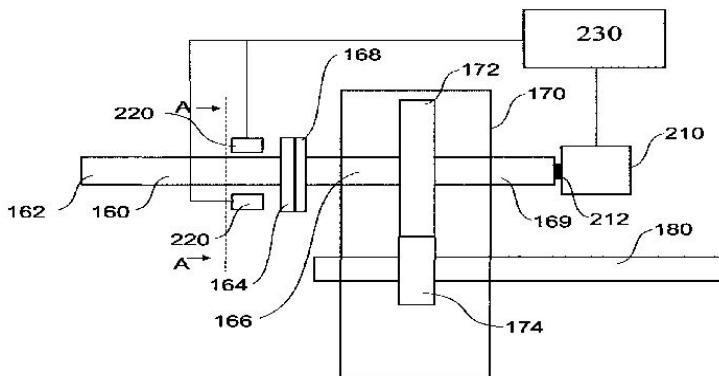
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)MENKE DETLEF

(57) Abstract :

The present disclosure relates to a method for controlling at least one proximity sensor (220, 250) of a wind turbine (100), the wind turbine comprising a rotor shaft (160), the at least one proximity sensor being adapted to measure a radial displacement of the rotor shaft; the method comprising: providing at least one reference value, detecting an output of the at least one proximity sensor, the output depending on a measured distance by the respective proximity sensor; comparing the detected output of the proximity sensor with at least one reference value. Further, the present disclosure relates to a control arrangement (165, 220, 230, 240, 250) for a wind turbine (100), the wind turbine comprising a rotor shaft, in particular a wind rotor shaft (160); wherein the control arrangement comprises at least one proximity sensor (220, 250) being adapted to measure a radial displacement of the rotor shaft (160), wherein the at least one proximity sensor is adapted to generate an output signal depending on a measured distance by the respective proximity sensor; wherein the control arrangement further comprises a control device, the control device being adapted to receive the output signal of the at least one proximity sensor, wherein the control device is adapted to compare the output signal with at least one reference value. (Fig. 3)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.1674/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AUTONOMOUS GRAIN STORAGE MACHINE FOR SILO BAGS

(51) International classification	:B23F
(31) Priority Document No	:2011 0100453
(32) Priority Date	:15/02/2011
(33) Name of priority country	:Argentina
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MART NEZ, CARLOS ALBERTO
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INDUSTRIAL TANDIL (7000) - TANDIL - PROVINCIA DE

BUENOS AIRES - REPUBLICA ARGENTIN

(72)Name of Inventor :

1)MART NEZ, CARLOS ALBERTO

(57) Abstract :

Grain storage machine of the kind provided with a running gear having a front dragging pole for transportation, comprising two wheels mounted on a rear shaft with a braking system and a steering anterior wheel that only rests on the ground during grain storing procedure, which receives the load through an upper hopper protruding vertically on a slanted wall of a conducting enclosure closed on both sides, which goes down towards the rear part with its final span falling within a rectangular section discharge tunnel, on which perimeter wall a folded sleeve is externally mounted forming the silo bag when its initial end closes itself behind its mouth, having said tunnel a portion determined by its roof and short descending spans of their side walls forming a lintel, able to be collapsed towards the rear space by means of articulated arms, in such a way that grains flow vertical drop force, upon impacting on the slanted wall, breaks down generating a pulling force towards the silo compacting the stored volume, thus producing the gradual forward movement of the grain storage machine to fill the bag progressively, being such forward movement gradation regulated by a braking means, uniform in both wheels, associated with the rear shaft and the correction of the movement direction being manually-operated from its steering wheel.

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.10299/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF A PROSTAGLANDIN COMPOUND HAVING THE FORMULA (1)

(51) International classification	:C01D
(31) Priority Document No	:0329379.2
(32) Priority Date	:19/12/2003
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2004/005028 :01/12/2004
(87) International Publication No	:WO 2005/058812
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:
	:01/01/1900

(71)Name of Applicant :

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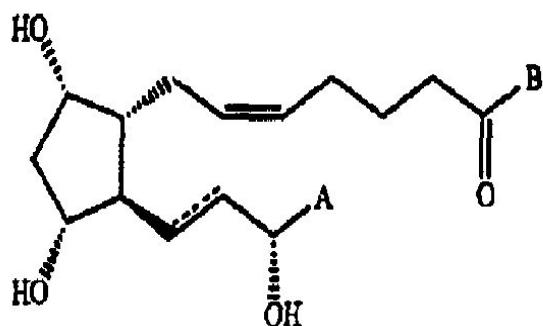
(72)Name of Inventor :

- 1)DEREK WYNDHAM CLISSOLID**
- 2)STUART WILBERT CRAIG**
- 3)RAJENDRAKUMAR REDDY GADIKOTA**
- 4)MIN HE**
- 5)JURJUS FAYEZ JURAYJ**
- 6)SHAHROKH KAZERANI**
- 7)ERWIN RANNALA**
- 8)PRADEEP KUMAR SHARMA**

(57) Abstract :

A process for the preparation of a prostaglandin compound having the formula (I): wherein A is selected from the group consisting of C1-C6 alkyl groups; C7-C16 aralkyl groups wherein an aryl portion thereof is unsubstituted or substituted with one to three substituents selected from the group consisting of C1-C6 alkyl groups, halo and CF₃; and (CH₂)_n OR' wherein n is an integer from 1 to 3 and R' represents a C6-C10 aryl group which is unsubstituted or substituted with one to three substituents selected from the group consisting of C1-C6 alkyl groups, halo and CF₃; B is selected from OR and NHR wherein R is C1-C6 alkyl groups; and represents a double bond or a single bond; the process comprising a step of preparing a compound of formula (VIa), (VIb), (VIc), (Va), (Vb) or (Vc): -continued wherein A is selected from the group consisting of C1-C6 alkyl groups; C7-C16 aralkyl groups wherein an aryl portion thereof is unsubstituted or substituted with one to three substituents selected from the group consisting of C1-C6 alkyl groups, halo and CF₃; and (CH₂)_n OR' wherein n is an integer from 1 to 3 and R' represents a C6-C10 aryl group which is unsubstituted or substituted with one to three substituents selected from the group consisting of C1-C6 alkyl groups, halo and CF₃; and P is a hydroxyl protecting group; said step comprising dihydroxylating a compound of formula (VIIa), a compound of formula (VIIb) or a compound of formula (VIIc): -continued wherein A and P are as defined above and is a double or single bond.

(I)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.1246/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DIELECTRIC MATERIALS FOR POWER TRANSFER SYSTEM

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:12/778,166	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:12/05/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KRISHNA KALAGA MURALI 2)MATANI LOHIT 3)BOHORI ADNAN KUTUBUDDIN 4)BHAT SUMA MAMANA NARAYANA 5)RAMACHANDRAPANICKER SOMAKUMAR 6)NA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A contactless power transfer system is proposed. The power transfer system comprises a field-focusing element comprising a dielectric material. The dielectric material comprises a composition that is selected from the family of (Ba,Sr)TiO₃ or CaCu₃Ti₄O₁₂. The compositions of the (Ba, Sr)TiO₃ include the materials such as Ca_{1-x-y}BaxSryTi_{1-z}CrzO_{3-δ}Np, wherein 0<x<1; 0<y<1; 0≤z≤0.01; 0≤δ≤1; and 0≤p≤1. The compositions of the CaCu₃Ti₄O₁₂ include the materials such as Ca_{1-x}.yBaxSry (Ca_{1-z}Cuz)Cu₂Ti_{4-δ}Al_δO_{12-0.5δ}, wherein 0≤x<0.5; 0≤y<0.5; 0≤z≤1; and 0≤δ≤0.1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2011

(21) Application No.1683/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REGULATOR FOR GAS FUEL

(51) International classification	:F24B	(71) Name of Applicant :
(31) Priority Document No	:JP 2010-141289	1)NIKKI CO., LTD.
(32) Priority Date	:22/06/2010	Address of Applicant :3029 KAMIECHI, ATSUGI-SHI, KANAGAWA-KEN, JAPAN, 243-0801 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)SAKEMI, NOBUHIKO 2)TAKAYA, KOHARA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A regulator for a gas fuel is assembled so that assembling properties are not impaired, but any abnormal noise is not generated from a connecting portion between a valve shaft and a diaphragm. A regulator 1A for a gas fuel includes a pressure regulation valve constituted of a valve body 11 formed at a middle position of a valve shaft 10 and a sheet member 16, and a shaft head 12 formed by enlarging a diameter of a tip side of the valve shaft 10 is inserted into and engaged with a shaft head inserting portion 21 formed on the center lower portion side of a diaphragm 14. The regulator for the gas fuel decreases and regulates, to a predetermined pressure, a pressure of the gas fuel introduced while opening and closing the pressure regulation valve by a displacement operation of the diaphragm 14, to forward the gas fuel to a downstream side. In the regulator 1A for the gas fuel, in a connecting portion between the shaft head 12 and the shaft head inserting portion 21, a gap filling member 23 made of a resin to prevent the shaft head 12 from moving in an axial direction in a gap formed between the upper surface of the shaft head 12 and a top wall of the shaft head inserting portion 21 is disposed in the shaft head inserting portion 21 so as to fill in the gap between the shaft head 12 and the shaft head inserting portion, thereby avoiding the continuous collision of the outer surface of the shaft head 12 with the inner surface of the shaft head inserting portion 21 due to the vibration of the diaphragm 14.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.1101/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS TO CHARACTERIZE FRACTURE PLUGGING EFFICIENCY FOR DRILLING FLUIDS

(51) International classification	:B64D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)HALLIBURTON ENERGY SERVICES, INC.

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1)ROBERT MURPHY

2)SHARATH SAVARI

3)ARUNESH KUMAR

4)MATTHEW MILLER

5)DALE JAMISON

(57) Abstract :

Of the many compositions and methods provided herein, one method includes providing a drilling fluid comprising a base drilling fluid and a plurality of particulates, wherein the base drilling fluid without the particulates is characterized by N1(b) and wherein the base drilling fluid with the particulates is characterized by N1(A); and adjusting a concentration of the particulates in the drilling fluid by comparing the value of $\Delta N1(F)$ to $\Delta N1(P)$ so that $\Delta N1(F) > \Delta N1(P)$, wherein $\Delta N1(F) = |N1(A)| - |N1(B)|$.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1435/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR DRIVING LIGHT-EMITTING DIODE

(51) International classification	:G09F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALDER OPTOMECHANICAL CORP,

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CITY, TAOYUAN COUNTY, TAIWAN

(72)Name of Inventor :

1)CHIEN-KUO LEE

(57) Abstract :

The invention relates to a method and a device for driving a light-emitting diode. The method comprises using current guiding control circuits (21, 22, 23, 24) to drive LED modules (11, 12, 13, 14, 15). Each of the control circuits (21, 22, 23, 24) includes at least two transistors (251, 252) connected in parallel to constitute two switch circuits, thereby permitting or preventing electric current to flow to an immediate downstream one of the LED modules (11, 12, 13, 14, 15) in response to a predetermined voltage level of the positive part of a voltage source (Vs). The current guiding control circuits (21, 22, 23, 24) are responsive to different voltage levels. As a result, a maximum number of LED modules (11, 12, 13, 14, 15) are driven to emit light at a given voltage level.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1502/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SUBSTATION INSTRUMENT CONTROL SYSTEM

(51) International classification

:B23B

(31) Priority Document No

:2010-

(32) Priority Date

142716
:23/06/2010

(33) Name of priority country

:Japan

(86) International Application No
Filing Date

:NA
:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number
Filing Date

:NA
:NA

(62) Divisional to Application Number
Filing Date

:NA
:NA

(71)Name of Applicant :

1)KABUSHIKI KAISHA TOSHIBA

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2)NISHIDA TOMONORI

3)KATAYAMA SHIGEKI

4)MAEDE YUKIHIKO

5)SAITO MINORU

6)YAMAMORI WATARU

7)TAKEHARA JUN

8)SHONO TAKAYA

(57) Abstract :

A substation instrument control system is disclosed. The substation instrument control system includes a plurality of transformers that generate a plurality of waveform signals representing electric properties of a substation instrument main body. A merging unit is communicatively coupled to the plurality of transformers and includes a signal processing unit and a control unit. The signal processing unit receives the plurality of waveform signals from the plurality of transformers and converts the plurality of waveform signals to a digital signal. The control unit controls operation of the signal processing unit using a setting data. An intelligent electronic device is communicatively coupled to the merging unit and receives the digital signal from the merging unit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1504/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A READYMADE GARMENT

(51) International classification	:C07C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KRISHNA SAHAI

Address of Applicant :W5 LANE, WESTERN AVENUE,
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(72)Name of Inventor :

1)KRISHNA SAHAI

(57) Abstract :

The invention provides a readymade garment which is easy to wear and which eliminates the inconvenience and trouble currently associated with an unstitched garment resembling the traditional Indian Saree.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.1698/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DISPENSER HOUSING WITH LOCKING MECHANISM

(51) International classification

:B67B

(31) Priority Document No

:12/505,900

(32) Priority Date

:20/07/2009

(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) Abstract :

A dispenser housing has a closure mechanism that serves to hold the dispenser housing closed. A key either can be carried by an individual to be employed to override the closure mechanism to permit the opening of the dispenser or can be selectively mounted to the dispenser housing to position a release mechanism appropriately to permit the release mechanism to be manipulated to override the closure mechanism. When the key is not mounted to the dispenser, the release mechanism cannot be appropriately manipulated to override the closure mechanism.

No. of Pages : 19 No. of Claims : 8

(71)Name of Applicant :

1)GOJO INDUSTRIES, INC.

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(72)Name of Inventor :

1)MARK E. ROSENKRANZ

2)ROBERT L. QUINLAN

3)DAVID D. HAYES

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.10105/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTI-OWNER DEPLOYMENT OF FIRMWARE IMAGES

(51) International classification	:H04L
(31) Priority Document No	:12/814,246
(32) Priority Date	:11/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/040020
Filing Date	:10/06/2011
(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

(71)**Name of Applicant :**

1)INTEL CORPORATION

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(72)**Name of Inventor :**

1)SAKTHIKUMAR, PALSAMY

2)SWANSON, ROBERT C.

3)ZIMMER, VINCENT J.

4)ROTHMAN, MICHAEL A.

5)BULUSU, MALLIK

(57) Abstract :

A method, apparatus, system, and computer program product for multi-owner deployment of firmware images. The method includes obtaining a signed firmware image that comprises a first code module signed by a first code owner and a second code module signed by a second code owner. The method further includes obtaining an updated first code module comprising updated code for the first code module, verifying that the updated first code module is signed by the first code owner, and updating the signed firmware image with the updated first code module in response to verifying that the updated first code module is signed by the first code owner. The signed firmware image may further comprise an access control list that authorizes updates to the first code module by the first code owner and updates to the second code module by the second code owner.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2010

(21) Application No.1707/DEL/2010 A

(43) Publication Date : 27/09/2013

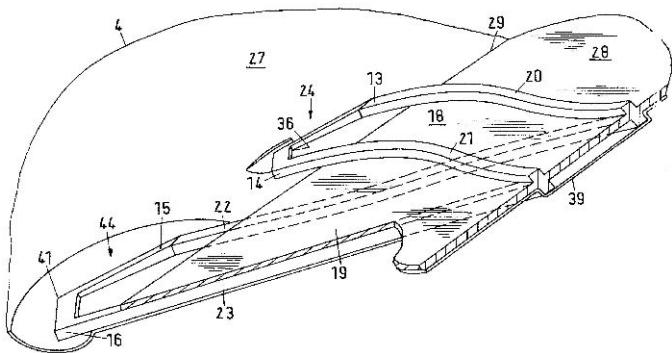
(54) Title of the invention : APPARATUS FOR THE STORAGE AND METERING OF A PLURALITY OF COMPONENTS

(51) International classification	:B65D	(71) Name of Applicant :
(31) Priority Document No	:09166235.3	1)SULZER MIXPAC AG
(32) Priority Date	:23/07/2009	Address of Applicant :RUTISTRASSE 7, CH-9469 HAAG, SWITZERLAND
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)MANFRED OBRIST
Filing Date	:NA	2)JOSEF ETTLIN
(87) International Publication No	:NA	3)SASAN HABIBI-NAINI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (1) for the storage of a plurality of components which are designed for joint use includes a first storage region (2) for the reception of a first component (5) and a second storage region (3) for the reception of a second component (6), wherein the first storage region (2) is arranged disposed opposite the second storage region (3). The first storage region (2) is separated from the second storage region (3) by a film (4) so that the first storage region (2) extends on a first side (11) of the film (4) and the second storage region (3) extends on a second side (12) of the film (4). The first storage region (2) can be connected to a first discharge passage (7), the second storage region (3) can be connected to a second discharge passage (8). The first discharge passage (7) and the second discharge passage (8) open into a common mixing passage (9). A kinking site (10) is arranged between the first and second storage regions (2, 3) and the first and second discharge passages (7, 8).

Fig.7



No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2010

(21) Application No.1708/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIRELESS TRANSMISSION SYSTEM, WIRELESS COMMUNICATION DEVICE, AND WIRELESS COMMUNICATION METHOD

(51) International classification	:H04L	(71) Name of Applicant :
(31) Priority Document No	:P2009-200118	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, Japan
(32) Priority Date	:31/08/2009	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KENICHI KAWASAKI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A wireless transmission system includes: a communication unit for transmission; and a communication unit for reception. The communication units for transmission and reception are housed in a housing of the same electronic apparatus, or the communication unit for transmission is housed in a housing of first electronic apparatus and the communication unit for reception is housed in a housing of second electronic apparatus and a wireless signal transmission path enabling wireless information transmission between the communication units is formed between the communication units when the first and the second electronic apparatus are disposed at given positions to be integrated with each other. The communication unit for transmission includes a first carrier signal generating unit and a first frequency converter, and the communication unit for reception includes a second carrier signal generating unit, and a second frequency converter.

No. of Pages : 252 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2010

(21) Application No.1709/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ESTIMATING LOCATION OF A WIRELESS STATION USING MULTI-BEAM TRANSMISSION

(51) International classification	:G01S
(31) Priority Document No	:12/506,692
(32) Priority Date	:21/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)DAVID STEER

2)SCOTT WIDDOWSON

(57) Abstract :

A method and apparatus for estimating location of wireless stations in a wireless communication network are provided. An estimation of a bearing angle of a wireless station from a reference point of a multi-beam antenna pattern is made based on a plurality of beaming angles of a multi-beam antenna pattern and a received signal property, at the wireless station, of each of a plurality of wireless signals transmitted on respective beams of the multi-beam antenna pattern for each of the plurality of beaming angles.

No. of Pages : 80 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.10137/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : 'ELECTROACOUSTIC TRANSDUCING WITH A BRIDGE PHASE PLUG

(51) International classification	:H04R 1/34
(31) Priority Document No	:12/490,463
(32) Priority Date	:24/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037387
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/151414
(61) Patent of Addition 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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3)CHRISTOPHER B. ICKLER

(57) Abstract :

An electro-acoustic transducer has an electro-magnetically driven moving dome and a phase plug having a body and a dome-interface surface, with a compression cavity formed between the dome and the dome-interface surface. The phase plug includes at least first and second annular slots beginning at the dome-interface surface and extending a first depth into the body of the phase plug. The first and second slots are separated by a bridge element at the dome-interface surface and joined by a first bridge passage at the first depth beneath the dome-interface surface. The phase plug also includes an exit slot coupling the bridge passage to a throat at a second depth in the body of the phase plug.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1433/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CURING APPARATUS EMPLOYING ANGLED UVLEDS

(51) International classification

:G09F

(31) Priority Document No

:61/346,806

(32) Priority Date

:20/05/2010

(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

(57) Abstract :

A UVLED apparatus (and related system and method) provide efficient curing of an optical-fiber coating on a drawn glass fiber. The apparatus employs one or more UVLEDs that emit electromagnetic radiation into a curing space. An incompletely cured optical-fiber coating, which is formed upon a glass fiber, absorbs emitted and reflected electromagnetic radiation to promote efficient curing.

No. of Pages : 32 No. of Claims : 24

(71)Name of Applicant :

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(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2010

(21) Application No.1750/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPRATUS TO PRODUCE SYNTHETIC GAS

(51) International classification

:C10J

(31) Priority Document No

:12/538,949

(32) Priority Date

:11/08/2009

(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

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3)SAXELBY ROBERT M.

(57) Abstract :

An injection device (300) includes an inner portion (362) that extends annularly about a centerline (316) extending through the injection device. The injection device also includes an outer portion (363/365) extending substantially annularly about the inner portion. The outer portion includes at least one of at least one carbonaceous reactant injection port (386) oriented obliquely with respect to the injection device centerline and at least one outer face (366/369/371) oriented obliquely with respect to the injection device centerline. The at least one carbonaceous reactant injection port is configured to at least partially define a plurality of recirculation zones (320/322) at a predetermined distance from the injection device.

No. of Pages : 81 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2010

(21) Application No.1751/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VACUUM INSULATED SWITCHGEAR

(51) International classification	:H01H	(71) Name of Applicant :
(31) Priority Document No	:2009-206041	1) HITACHI, LTD., Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8280 JAPAN.
(32) Priority Date	:07/09/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1) KIKUKAWA SHUICHI
(86) International Application No Filing Date	:NA :NA	2) TSUCHIYA KENJI
(87) International Publication No	:NA	3) KAJIYAMA YUUKO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4) SUGAI DAISUKE
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Disclosed is a vacuum insulated switchgear including a bus section panel adapted to allow both an on/off state of a housing-contained circuit breaker and earthing switch, and a connection state of busbars to be confirmed structurally and visually from the front of the panel. The vacuum insulated switchgear comprises: a housing enclosing a control compartment, a switch compartment, and a busbar compartment, each of the three compartments being partitioned by a metallic earthing plate; a first busbar and second busbar extended from an adjacent panel, in the busbar compartment; and a first busbar-connecting bushing and second busbar-connecting bushing making the first and second busbars connectible/disconnectible; a double-breaking three position vacuum switch, two sets of earthing switch, the first busbar-connecting bushing, and the second busbar-connecting bushing being integrally molded to form a switch provided on an electrical phase-by phase basis independently, wherein the switches for three phases are arranged in order side by side in the housing, in a longitudinal direction of the housing as viewed from its front; and the first busbar-connecting bushing in each switch is located to the left side of the housing front, and the second busbar-connecting bushing is located to the right side of the housing front.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.1463/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TOOL-HOLDER GRIPPER FOR RADIAL PRESSES

(51) International classification	:B03C
(31) Priority Document No	:10425281.2
(32) Priority Date	:20/08/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OP S.R.I

Address of Applicant :VIA SERPENTE, 97, I-25131 BRESCIA, ITALY

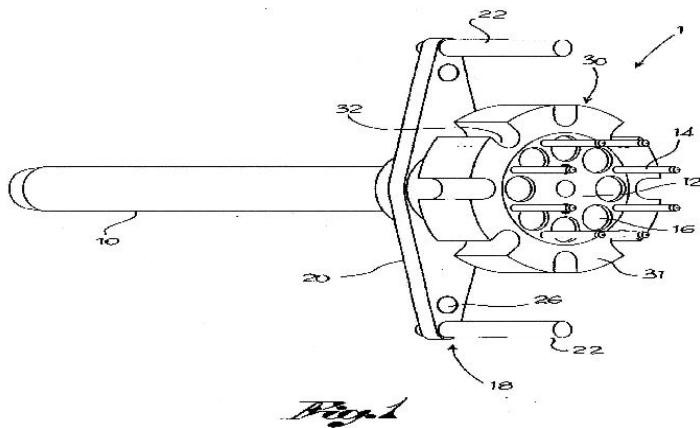
(72)Name of Inventor :

1)ZILIANI, MASSIMO

2)PIANTONI, DANICLE

(57) Abstract :

Tool-holder gripper for a multiple change of tools (108) in a horizontal radial press (100) having a set of jaws moving radially and axially, comprising a handle (10), a tool-holder disc (12), and angular centring devices (18) acting in conjunction with a front flange (110) of the press to angularly align the tools and jaws. The gripper is further provided with a radial, axial centring portion (30) configured to abut against the front surface (106) of at least one radial jaw (106) when the tools and jaws are axially aligned but still disengaged, so that the subsequent axial advancement of the jaws is accompanied by a simultaneous axial reversing of the gripper, [Fig. 1]



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.1659/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USE OF THE ASSOCIATION OF A SINUS NODE IF CURRENT INHIBITOR AND AN ANGIOTENSIN-CONVERTING ENZYME INHIBITOR IN THE TREATMENT OF HEART FAILURE

(51) International classification

:A23J

(31) Priority Document No

:10/02525

(32) Priority Date

:15/06/2010

(33) Name of priority country

:France

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LES LABORATOIRES SERVIER

Address of Applicant :35, RUE DE VERDUN, F-92284
SURESNES CEDEX, FRANCE

(72)Name of Inventor :

1)CHRISTIAN THUILLEZ

2)PAULUS MULDER

3)JEAN-PAUL VILAINE

4)MARIE-DOMINIQUE FRATACCI

5)GUY LEREBOURS-PIGEONNIERE

6)LUC FELDMANN

7)JEROME ROUSSEL

(57) Abstract :

Use of the association of a selective and specific sinus node If current inhibitor, more especially ivabradine or N-{[(7S)-3,4-dimethoxybicyclo[4.2.0]octa-1,3,5-trien-7-yl]-methyl} -3 -(7,8-dimethoxy-1,2,4,5 -tetrahydro-3H-3 -benzazepin-3 -yl)-N-methyl-3 -oxo-1 -propanamine, and an agent that inhibits angiotensin-converting enzyme in obtaining medicaments intended for the treatment of heart failure, more especially heart failure having preserved systolic function. Medicaments.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2010

(21) Application No.1713/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TOWER CLIMBING AND SERVICING DEVICE

(51) International classification	:B66C	(71) Name of Applicant :
(31) Priority Document No	:12/535,288	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:04/08/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)LIU YANG
Filing Date	:NA	
(87) 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 servicing system (40) for a tower member (4) including a first end portion (6) that extends to a second end portion (8) through an intermediate portion (10) having an outer surface (11) includes a climbing system (54) operatively coupleable to the tower member (4). The climbing system (54) includes at least one climbing module (64-69) that is selectively operated to shift the climbing system (54) along the tower member (4) from the first end portion (6) toward the second end portion (8). The servicing system (40) also includes an operating system (58) operatively coupled to the climbing system (54). The operating system (58) includes at least one lifting motor (104) and a maintenance member (124). The at least one lifting motor (104) selectively shifts the operating system (58) relative to the climbing system (54).

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2010

(21) Application No.1768/DEL/2010 A

(43) Publication Date : 27/09/2013

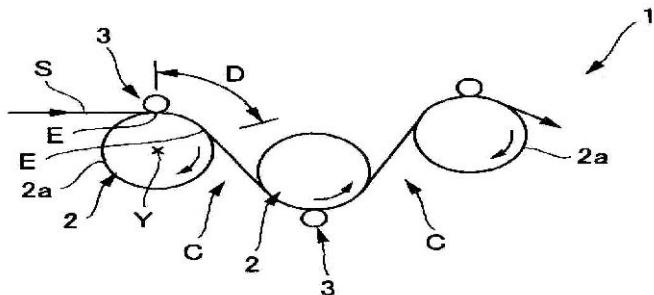
(54) Title of the invention : APPARATUS AND METHOD FOR COOLING METAL STRIP

(51) International classification	:C21D	(71)Name of Applicant :
(31) Priority Document No	:2009-189725	1)CHUGAI RO CO., LTD.
(32) Priority Date	:19/08/2009	Address of Applicant :3-6-1, HIRANOMACHI, CHUO-KU, OSAKA-SHI OSAKA 5410046, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)MAMORU SAKATA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In a metal strip cooling apparatus for continuously cooling a long metal strip S while the strip is conveyed in a lengthwise direction thereof, the apparatus includes at least one cooling roll 2 formed into a cylindrical shape, a plurality of the cooling rolls being disposed in the lengthwise direction of the metal strip with axes Y of the cooling rolls arranged along a width direction of the metal strip, the metal strip being brought into contact with a roll surface 2a to cool the metal strip, and at least one pressure roll 3 formed into a cylindrical shape and arranged in parallel with at least any of the cooling rolls to forcedly press widthwise opposite sides of the metal strip toward the roll surface of the cooling roll.

FIG. 1



No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.1768/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HIGH PRESSURE FUEL INJECTION SYSTEM FOR INTERNAL COMBUSTION ENGINE

(51) International classification

:H03

(31) Priority Document No

:102010031356.4

(32) Priority Date

:15/07/2010

(33) Name of priority country

:Germany

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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

(72)Name of Inventor :

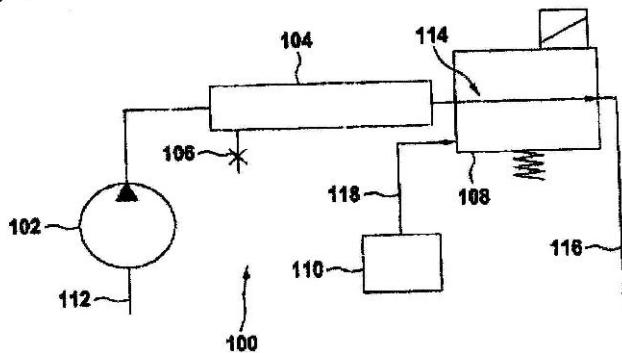
1)KIESER, SIMON

2)WINTRICH, SEBASTIAN

(57) Abstract :

A throttle component (218, 320) of a fuel injection system (200, 300), wherein the fuel injection system comprises a high pressure storage (204, 304), a high pressure pump (202, 302), a pressure control valve (208, 308) in a drain (216, 310) from the high pressure storage into a low pressure line (210, 312), and a control device (214, 316) for controlling the pressure control valve to hold a system pressure in the high pressure storage is described. The pressure control valve is configured so that it at least partially releases without controlling the drain in the low pressure line, wherein a fuel flow from the high pressure storage to the low pressure line is limited by the throttle component so that at least a minimum pressure required is ensured in the high pressure storage, and wherein the throttle component is actuated independent of the controlling of the pressure control valve.

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2011

(21) Application No.1454/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A WATER DISTRIBUTION SYSTEM

(51) International classification

:B64G

(31) Priority Document No

:61/346,895

(32) Priority Date

:20/05/2010

(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

(57) Abstract :

A water distribution system configured for control by a remote control system is disclosed comprising of a water filtration unit for filtering water and a water storage unit for storing the filtered water and including a water dispenser. A control unit is provided that is configured to control the operation of the water filtration unit and includes a sensor system to measure the quality and the quantity of the water filtered, and to monitor the functioning of one or more components of the water filtration unit. A point of sale device is also provided comprising of a service management device mounted on the water dispenser and is configured to control the operation of the water dispenser and a user interface to receive user inputs and is configured to process user payments for the dispensing of water at the remote control system. The system includes a communication gateway enabling communication between the water distribution system and the remote control system such that the water distribution system is configured to transmit data obtained from the sensor system and the user interface to the remote control system. The water distribution system is further configured to receive instructions for the operation of the water filtration unit from the remote control system and to receive instructions for dispensing of water on successful processing of user payment. FIG.1

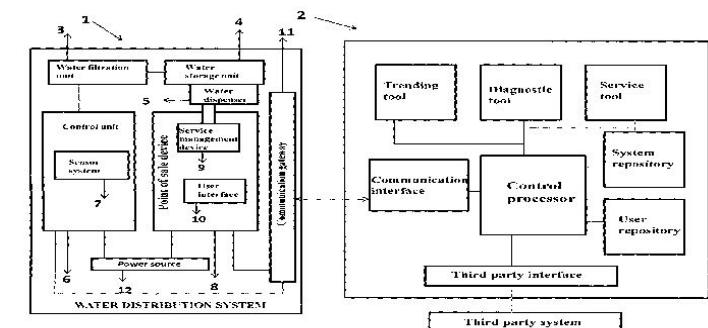


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2010

(21) Application No.1710/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS FOR THE STORAGE AND METERING OF A PLURALITY OF COMPONENTS

(51) International classification	:B65D
(31) Priority Document No	:09166234.6
(32) Priority Date	:23/07/2009
(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

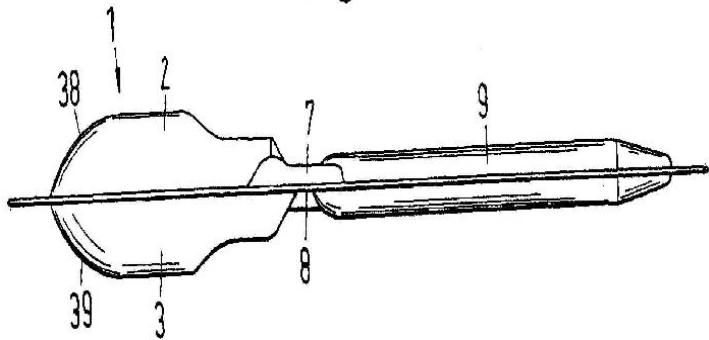
(72)Name of Inventor :

1)MANFRED OBRIST

(57) Abstract :

An apparatus (2) for the storage of a plurality of components which are designed for joint use includes a first storage region (2) for the reception of a first component (5) and a second storage region (3) for the reception of a second component (6), wherein the first storage region (2) can be connected to a first discharge passage (7), wherein the second storage region (3) can be connected to a second discharge passage (8), wherein the first discharge passage (7) and the second discharge passage (8) open into a common mixing passage (9), and wherein the mixing passage contains a mixing element (35) which is surrounded by an enveloping film (38, 39) whereby the mixing element (35) includes a protuberance (30) on which at least one of the first and second films (38, 39) lies. (Fig. 4a)

Fig.4a



No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2010

(21) Application No.1762/DEL/2010 A

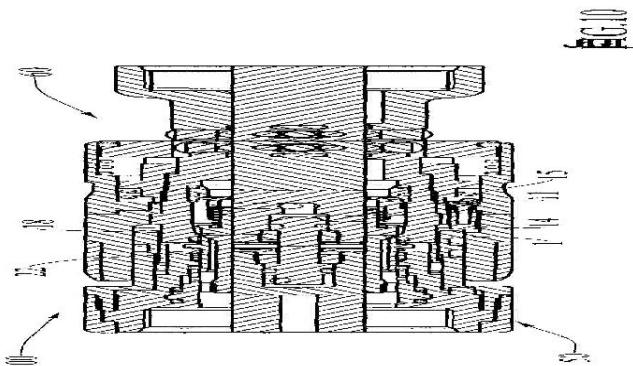
(43) Publication Date : 27/09/2013

(54) Title of the invention : QUICK COUPLING WITH SAFETY CATCH DEVICE

(51) International classification	:F16L	(71)Name of Applicant :
(31) Priority Document No	:MI 2009A	1)STUCCHI S.P.A.,
	001454	Address of Applicant :VIA GALILEO GALILEI, 1, 24053
(32) Priority Date	:07/08/2009	BRIGNANO GERA D' ADDA (BG), ITALY
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:NA	1)TIVELLI, SERGIO
Filing Date	:NA	
(87) 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 quick coupling (100) comprising a first element (50) and a second element (60) which may be separably coupled is described; the first element (50) mainly including an external sleeve (1) with hooking means (3), a connector (2) for user interface (25), and at least one valved coupling (16) for at least one pressure line (9, 10), the second element (60) mainly including hooking means (13, 15, 70), at least one valved coupling (17) for at least one pressure line (20, 21), and a connector (12) for user interface (122). Said second element (60) further comprises a safety ring nut (11) along the circumference of which safety pins (14) are provided, adapted to be pushed by said hooking means (15, 70) into seats (4) of the external sleeve (1). (Fig. 10).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2010

(21) Application No.1763/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NICKEL-BASED SUPERALLOY, MECHANICAL COMPONENT MADE OF THE ABOVE MENTIONED SUPER ALLOY, PIECE OF TURBOMACHINERY WHICH INCLUDES THE ABOVE MENTIONED COMPONENT AND RELATED METHODS

(51) International classification	:C22C	(71) Name of Applicant :
(31) Priority Document No	:CO2009	1)NUOVO PIGNONE S.P.A
	A000027	Address of Applicant :VIA FELICE MATTEUCCI, 2, 50127
(32) Priority Date	:29/07/2009	FLORENCE, ITALY
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:NA	1)INNOCENTI MARCO
Filing Date	:NA	2)MARESCA PASQUALE
(87) International Publication No	:NA	3)TASSA ORIANA
(61) Patent of Addition to Application Number	:NA	4)CAROSI ANDREA
Filing Date	:NA	5)GIAMBI BARBARA
(62) Divisional to Application Number	:NA	6)TESTANI CLAUDIO
Filing Date	:NA	

(57) Abstract :

A nickel-based superalloy particularly suitable for the fabrication of mechanical components for a piece of turbomachinery characterized in that it comprises at least the following elements in percentage by weight: chromium between 3% and 7%; tungsten between 3% and 15%; tantalum between 4% and 6%; aluminium between 4% and 8%; carbon less than 0.8%; the remaining percentage of nickel plus impurities.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.1340/DEL/2011 A

(43) Publication Date : 27/09/2013

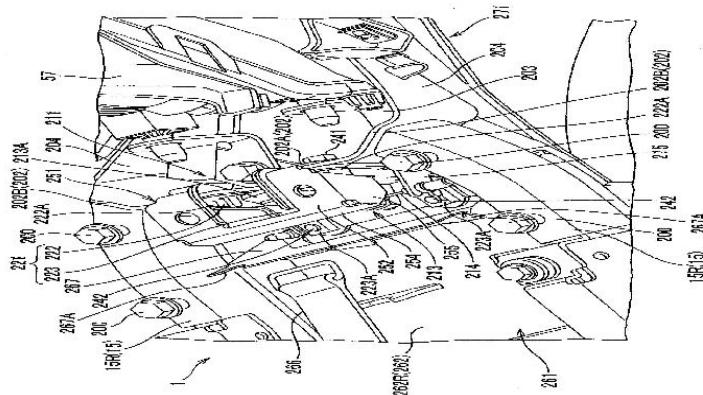
(54) Title of the invention : SADDLE-RIDE TYPE VEHICLE

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:2010-123427	1) HONDA MOTOR CO., LTD. Address of Applicant : 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN.
(32) Priority Date	:28/05/2010	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1) TAKAMASA IGUCHI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

[Problem] To provide a saddle-ride type vehicle which can prevent a mischief on a seat catch mechanism and can make the vehicle compact without making a cross member large-sized. [Means for Resolution] A seat catch plate 221 of a seat catch mechanism 211 is fixed to a front side of a front wall portion 202 of a cross member 201 which connects left and right seat rails 15 to each other at rear portions of the seat rails 15, a frontwardly extending portion 223 which extends frontwardly is formed on a lower end of the seat catch plate 221, and the frontwardly extending portion 223 covers a mechanism portion 213 arranged on the seat catch plate 221 from below. [Selected Drawing] Fig. 5

[FIG. 5]



No. of Pages : 69 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2011

(21) Application No.1714/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRIC CONNECTION BOX

(51) International classification	:H01B	(71) Name of Applicant :
(31) Priority Document No	:P2010-138010	1)SUMITOMO WIRING SYSTEMS, LTD.
(32) Priority Date	:17/06/2010	Address of Applicant :1-14, NISHISUEHIRO-CHO, YOKKAICHI-SHI, MIE, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)YUSUKE OKUHIRA 2)YUUICHI HATTORI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to a process for production of a low fat shelf stable, ready to serve tomato-whey soup, stable at ambient temperature comprising. i) Washing and slicing of tomatoes 5-10 kg followed by steam cooking at 0.5-4.5 pSig for 0.1-10 min, grinding in a wet type grinder, straining through a 10 mesh stainless steel sieve. ii) Chopping and blending mix of seasonings such as onion 0.1 kg, Garlic 0.020 kg, Ginger 0.020 kg followed by boiling in part of whey for 0.5-8.0 min. iii) Dispersing a thickner such as cornflour 0.5-5.5% in the remaining whey wherein tomato pulp 40-80% are interspersed and resulting thickened tomato-whey suspension is concentrated by boiling in an open steam jacketed kettle to the level of 8-15% total soluble solids. iv) Subsequently adding salt 0.4-2.6%, sugar 0.2-1.2%, and permitted food colours such as a suitable mixture of Raspberry Red 0.001%-0.05% and sunset yellow FCF 0.002-0.04% followed by pH adjustment to 3.1-5.8 with 5-50% w/v citric acid or other edible acid. v) Packing the soup thus obtained in retortable laminate packs and subjecting to thermal treatment in a steam retort using 105-120°C for 1-50 min for a process value Fo of 0.5-6.5 and finally cooling to room temperature.

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2010

(21) Application No.1773/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SWITCHGEAR AND METHOD FOR OPERATING SWITCHGEAR

(51) International classification

:H02B

(31) Priority Document No

:2009-

(32) Priority Date

:186985

(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.

(72)Name of Inventor :

1)UTSUMI TOMOAKI

2)SHIRONE TAKASHI

3)SATO TAKASHI

4)TSUCHIYA KENJI

5)MORITA AYUMU

(57) Abstract :

A switchgear includes an earthing and disconnecting switch (10) which linearly moves and is switchable to a disconnecting and an earthing positions, a vacuum valve (1) which performs closing and breaking of a current in a vacuum container producing vacuum inside, and a solid insulator (30) with which the earthing and disconnecting switch (10) and the vacuum valve (1) are covered, wherein the earthing and disconnecting switch (10) and the vacuum valve (1) are electrically connected, and closing and breaking of a current is performed in the vacuum valve (1).

No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.1773/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PVA-BORONIC ACID CONTAINING COPOLYMER COMPOSITIONS FOR PROTEIN DELIVERY

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

(71)Name of Applicant :

1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Address of Applicant :Kanpur Uttar Pradesh 208016 India

(72)Name of Inventor :

1)ASHOK KUMAR
2)RACHAMALLA MAHEEDHAR REDDY

(57) Abstract :

Provided herein are phenylboronate containing co-polymers (PCC), compositions containing PCC and polyvinyl alcohol (PVA), such compositions further including proteins, methods of making these compositions by water in oil polymerization, and methods of using the protein containing compositions for releasing proteins. Such phenylboronate containing co-polymers are of Formula I: where m, n, p, x, R1-R5, L, X1 and X2 are defined in the application.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2010

(21) Application No.1774/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE AND METHOD FOR DETECTING DEFECTS WITHIN THE INSULATION OF AN INSULATED CONDUCTOR

(51) International classification	:G01R
(31) Priority Document No	:09167841.7
(32) Priority Date	:13/08/2009
(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)ALSTOM TECHNOLOGY LTD

Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN SWITZERLAND

(72)Name of Inventor :

1)GLENN BEHRMANN

(57) Abstract :

A device (1) for detecting and precisely locating defects (25) within the insulation of an insulated conductor (20) comprises an antenna (2), arranged to couple the high frequency signals (27) produced by the partial discharge pulses (26) generated by defects (25) within the insulating layer of the insulated conductor (20). The antenna (2) is connected to a connector (3) to be connected to a measurement device (4). The antenna (2) is a compact antenna having dimensions similar to or smaller than those of the cross section of the stator bar to be tested and is shaped to detect signals having a frequency less than 800 MHz. The present invention also refers to a method for detecting defects (25) within the insulation of an insulated conductor (20), such as for example stator bars (Roebel bars) of rotating electrical machines such as a generator or a motor or other electrical machines, during, for example, testing or manufacturing quality control operations.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.1684/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GLASS CONTAINER STRESS MEASUREMENT USING FLUORESCENCE

(51) International classification

:G01J

(31) Priority Document No

:12/535,821

(32) Priority Date

:05/08/2009

(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)EMHART GLASS S.A.

Address of Applicant :HINTERBERGSTRASSE 22, CH-6330
CHAM, SWITZERLAND

(72)Name of Inventor :

1)WILLIAM J. FURNAS

2)SARATH K. TENNAKOON

3)GARY C. WEBER

(57) Abstract :

An apparatus and method for measurement of the stress in and thickness of the walls of glass containers is disclosed that uses fluorescence to quickly and accurately ascertain both the thickness of the stress layers and the wall thickness in addition to the stress curve in glass containers. The apparatus and method may be used to quickly and accurately measure both the stress in and the thickness of the side walls of glass containers throughout the circumference of the glass containers. The apparatus and method are adapted for large scale glass container manufacturing, and are capable of high speed measurement of the stress in and the thickness of the side walls of glass containers.

No. of Pages : 68 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.1733/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ENERGY-SAVING ELEVATOR OPERATION SYSTEM

(51) International classification

:G05B

(31) Priority Document No

:2009-

(32) Priority Date

:209922

(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,
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(72)Name of Inventor :

1)YOSHIKAWA TOSHIFUMI

2)MURAOKA KAZUFUMI

3)NISHIDA TAKEHISA

4)OHNUKI AKIRA

5)FURUHASHI MASAYA

6)FUKATA HIRONORI

(57) Abstract :

In an energy-saving elevator operation system for controlling operation of a plurality of elevators, the system determines time courses of consumed power values of the respective elevators as power profiles from any of at least direction of car, hall call, call from car, number of passengers and traffic information in a building, calculates a total power suppressing value that renders a total consumed power value below a threshold value from a total power profile obtained by totaling the respective power profiles, and further calculates power suppressing values of the respective elevators from the total power suppressing value, and the respective elevators are operated based on the power suppressing values of the respective elevators, thereby, influence (reduction of operation service) to users is reduced while suppressing the total power of the plurality of elevators at respective time points.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.1733/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REDISPERSIBLE POLYMER POWDERS PREPARED FROM BLENDS OF CARBOXYLATED STYRENE BUTADIENE-BASED LATEXES

		(71) Name of Applicant :
(51) International classification	:F03D9/05	1)DOW STADE PRODUCKTIONS GMBH & CO. OHG Address of Applicant :BUETZFLETHERSAND, D-21683
(31) Priority Document No	:61/398,374	STADE, Germany
(32) Priority Date	:24/06/2010	2)DOW OLEFINVERBUND GMBH
(33) Name of priority country	:U.S.A.	3)DOW EUROPE GMBH
(86) International Application No Filing Date	:NA :NA	4)DOW CHEMICAL (CHINA) COMPANY LIMITED
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	(72) Name of Inventor :
(62) Divisional to Application Number Filing Date	:NA :NA	1)ROBERT BAUMANN 2)JUERGEN DOMBROSKI 3)ETIENNE LAZARUS 4)MARGARITA PERELLO 5)HARTMUT KUEHN 6)GERALD ADOLF LOHMULLER 7)YAFEI ZHU

(57) Abstract :

A water redispersible polymer powder is produced by drying an aqueous mixture of a high Tg carboxylated styrene butadiene polymer and a low Tg carboxylated styrene butadiene polymer, where the ratio of the mean or average particle size of the high Tg polymer to the particle size of the low Tg polymer is from 1:1 to 5:1, preferably from 1:1 to 3:1, and the amount of the high Tg polymer is from 20wt.% to 35wt.%, preferably from 25wt.% to 30wt.%, based upon the total weight of the high Tg polymer and the low Tg polymer. Cement compositions such as mortars, which contain the redispersible polymer powder exhibit unexpectedly superior high bond strength and high impact resistance.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.1793/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A SIGNAL ACQUISITION DEVICE

(51) International classification	:G01G
(31) Priority Document No	:09166984.6
(32) Priority Date	:31/07/2009
(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)ROBERT BOSCH GMBH

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(72)Name of Inventor :

1)BOEHL, EBERHARD

2)KNAUSS, MATTHIAS

3)SCHMITT, STEPHEN

4)HANISCH, JUERGEN

5)KURRER, ROLF

6)PAWLOK, BERNARD

(57) Abstract :

The present subject matter relates to a signal acquisition device (10), which receives an input signal (12), a physical data (16) and a timing data (20) to generate an output data (24). The signal acquisition device (10) keeps monitoring the input signal (12) for a valid edge. When the valid edge is detected, the signal acquisition device (10) reads the physical data (16) from a physical data processing module (18) and the timing data (20) from a timing module (22) to generate the output data (24), which comprises a new state of the input signal (12), the physical data (16), and the timing data (20). The output data (24) is stored on a storage means (11) and also sent out to a CPU or any other device.

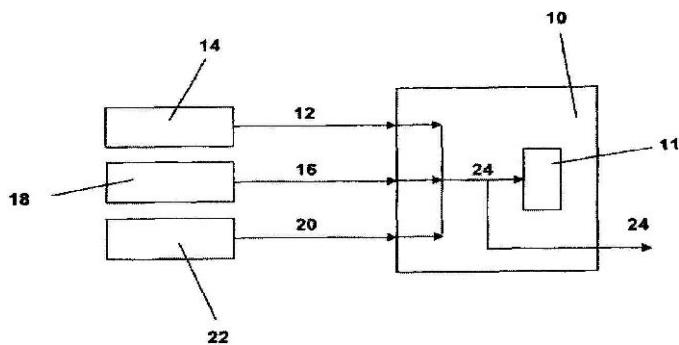


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2010

(21) Application No.1764/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM FOR MULTIPLE ENERGY STORAGE AND MANAGEMENT AND METHOD OF
MAKING SAME

(51) International classification	:H02J
(31) Priority Document No	:12/539,056
(32) Priority Date	:11/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)GENERAL ELECTRIC COMPANY

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

(72)**Name of Inventor :**

1)KING ROBERT DEAN

2)KILINSKI GARY RAYMOND

(57) Abstract :

A propulsion system comprising an electric drive, a DC link electrically coupled to the electric drive, and a first energy storage system electrically coupled to the electric drive, the first energy storage system comprising at least a high specific-power energy storage device is shown. The propulsion system further includes a second energy storage system, wherein a positive terminal of the second energy storage system is electrically coupled to the electric drive through the DC link and a negative terminal of the second energy storage system is coupled in series with a positive terminal of the high specific-power energy storage device. A multi-channel bi-directional boost converter is coupled to the first energy storage system and to the second energy storage system, wherein the connection between the positive terminal of the high specific-power energy storage device and the negative terminal of the second energy storage system bypasses the multichannel bi-directional boost converter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2010

(21) Application No.1765/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SILICON CARBIDE SEMICONDUCTOR STRUCTURES, DEVICES, AND METHODS FOR
MAKING THE SAME

(51) International classification	:H01L
(31) Priority Document No	:12/533,712
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
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(72)Name of Inventor :

1)LOSEE PETER ALMERN

2)ARTHUR STEPHEN DALEY

3)BROWN DALE MARIUS

4)MATOCHA KEVIN SEAN

5)RAO RAVINUTHALA RAMAKRISHNA

(57) Abstract :

There are provided semiconductor structures (100) and devices comprising silicon carbide (SiC) and methods for making the same. The structures (100) and devices comprise a base or shielding layer (116), channel (118) and surface layer (120), all desirably formed via ion implantation. As a result, the structures and devices provided herein are hard, normally off devices, i.e., exhibiting threshold voltages of greater than about 3 volts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.1765/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ROCKET ENGINE AND METHOD FOR CONTROLLING COMBUSTION IN THE ROCKET ENGINE ITSELF

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SELEX GALILEO S.P.A.

Address of Applicant :35, VIA ALBERT EINSTEIN, CAMPI BISENZIO ITALY.

(72)Name of Inventor :

1)PETRONIO DINO

(57) Abstract :

Supply of a liquid component in a combustion chamber (2) of a rocket engine is controlled by a feed valve (14) provided with an obturator (22) mobile between a pen position and a closed position of at least one supply pipe (18), which has an inlet (21) that communicates with a tank (13) for containing the liquid component and an outlet (17) that communicates with the combustion chamber (2); the displacement of the obturator (22) from its closed position to its open position being triggered by a pressurized fluid supplied to the outlet (17) of the supply pipe (18).

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.1766/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM FOR DETECTING PROXIMITY BETWEEN A WIND TURBINE BLADE AND A TOWER WALL

(51) International classification	:B23B
(31) Priority Document No	:12/826,975
(32) Priority Date	:30/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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

(72)Name of Inventor :

1)NEUMANN ULRICH

(57) Abstract :

A sensor system monitors deflection of turbine blades of a wind turbine. The system includes a first component configured on the turbine blades. A second component is configured on the tower at a height so as to detect the presence of the first component as the blades rotate past the tower. The second component generates a corresponding measurable parameter or value that is indicative of distance between the blades and tower. The second component is disposed substantially completely around the circumference of the tower so as to detect the first components at any rotational position of the turbine nacelle relative to the tower.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.1823/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOTOR DRIVEN VEHICLE

(51) International classification	:B60L
(31) Priority Document No	:JP 2009-181452
(32) Priority Date	:04/08/2009
(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

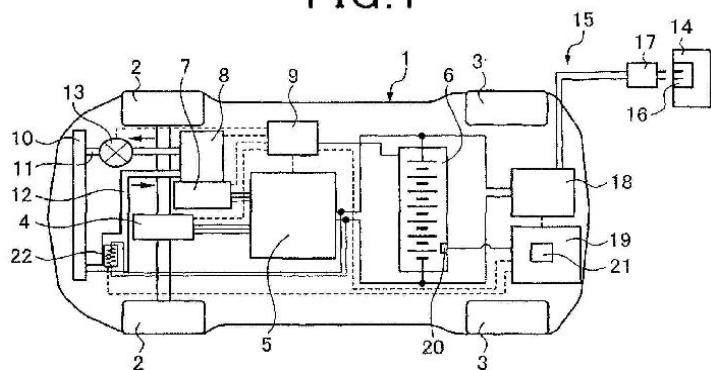
(72)Name of Inventor :

1)BITO, SEIJI

(57) Abstract :

In a motor-driven vehicle using power stored in a secondary battery as a source of motive power in which part of vehicle braking is achieved by regenerative braking by generating electrical energy absorbed by charging the secondary battery, the state of charge of the secondary battery is adjusted during charging so that, when charging is completed, the state of charge of the battery will be such that it is still capable of receiving energy generated during regenerative braking. During charging, after the battery has been charged to a target charge level, and battery temperature has subsequently changed, a state where the battery is still capable of receiving energy generated during regenerative braking can be achieved by slightly discharging the battery depending on the temperature of the battery. Such slight discharge of the battery can be obtained by powering an electric heater (22) in an engine cooling water circuit or operating a generator (7) as a motor for motoring the vehicle engine (8).

FIG.1



No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2010

(21) Application No.1725/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTROLLER FOR A VEHICLE

(51) International classification	:B60R
(31) Priority Document No	:JP 2009-183024
(32) Priority Date	:06/08/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)SUZUKI MOTOR CORPORATION

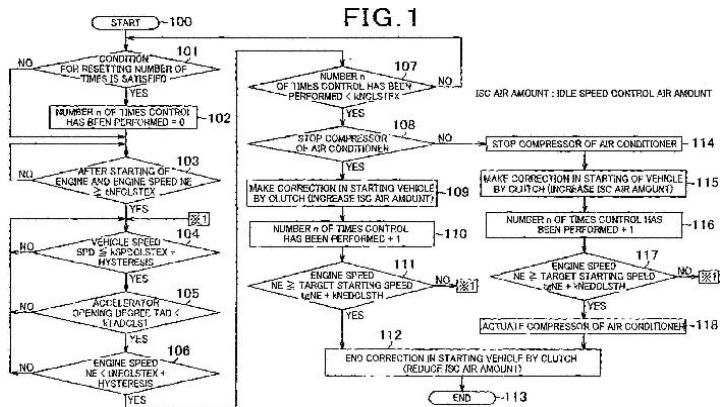
Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, Japan

(72)Name of Inventor :

1)NAKAMURA, TAKASHI

(57) Abstract :

To allow the driver of a vehicle to easily set the vehicle in motion without needing to operate the accelerator but only by operation of the clutch, in a vehicle including an engine, a transmission, and a clutch for transmitting power from the engine to the transmission, a controller is provided including an idling speed control passage for opening an intake passage while bypassing a throttle valve of the engine; an idling speed control valve for opening and closing the idling speed control passage; a starting determining means for determining that the vehicle is starting to move from a stationary or temporary-stop state; and control means for performing engine speed , control by opening the idling speed control valve to increase an amount of air flowing into the engine to thereby increase engine speed when it is determined that the vehicle is in the starting-to-move state and also stops operation of a compressor of an air conditioner when the compressor is operating.



No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.1780/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SPRING OPERATION DEVICE AND METHOD FOR ASSEMBLING...

(51) International classification	:B23P
(31) Priority Document No	:200910167593.X
(32) Priority Date	:28/08/2009
(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

(71)Name of Applicant :

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Address of Applicant :WITTELSBACHERPLATZ 2, 80333
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(72)Name of Inventor :

1)CHEN; DE ZHOU

(57) Abstract :

The present invention discloses a spring operation device and a method for assembling the same, and the present invention further discloses a switching device comprising the spring operation device. In the spring operation device disclosed in the present invention, by way of a smooth corrugated protuberance, the protuberance can push the operation mechanism of the spring operation device to rotate accurately and efficiently under the effect of a spring at the moment when the springs energy storing process is completed, so as to accomplish the release of energy.

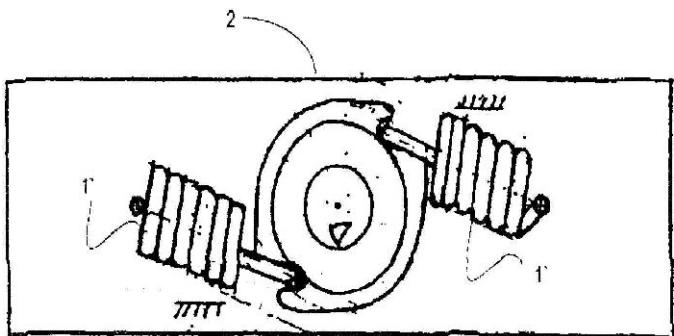


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.1781/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTI-LAYER LIGHTING UNIT WITH IMPROVED PROPERTIES AND ITS USE

(51) International classification

:F21V

(31) Priority Document No

:09009955.7

(32) Priority Date

:01/08/2009

(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 :

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(72)Name of Inventor :

1)GUNTHER STOLLWERCK

2)KLAUS MEYER

3)ANDREAS LYDING

4)HEINZ PUDLEINER

5)GUNTHER WALZE

(57) Abstract :

The invention concerns a lighting unit containing at least a reflector, two or more light sources and at least one diffuser plate, and in it the light sources have a gap of at least > 30 mm from each other, and the gap between the light sources and the diffuser plate is < 25 mm, and furthermore the diffuser plate is a lenticular plate, and on the lenticular plate at least one advanced compound parabolic concentrator scatter film, and on that at least one further scatter film, are arranged. The invention also concerns a liquid crystal screen containing such a lighting unit.

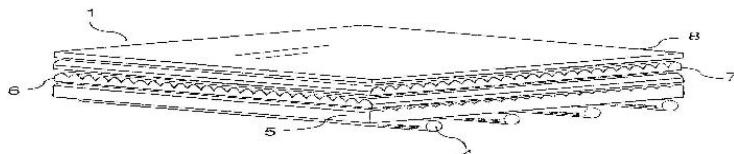


FIG. 1

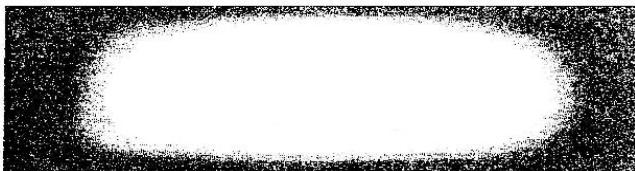


FIG. 1a

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.1834/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF MEASURING A LENGTH OF SECTIONS OF EXTRADOS OR INTRADOS CURVES OF AN ELONGATED WORKPIECE, AND RELEVANT LENGTH MEASURING INSTRUMENT

(51) International classification	:G01B	(71) Name of Applicant :
(31) Priority Document No	:RM 2009	1)CML INTERNATIONAL S.P.A.
	A 000430	Address of Applicant :LOC. ANNUNZIATA I-03030
(32) Priority Date	:06/08/2009	PIEDIMONTE SAN GERMANO, ITALY
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:NA	1)ALESSANDRO CAPORUSSO
Filing Date	:NA	2)SIL VIO REA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of measuring a length of sections of extrados or intrados curves of an elongated workpiece travelling in a bending machine along a forwarding direction, the elongated workpiece having cross-sections each of which is separated by a neutral axis in both an extended portion and a compressed portion when the elongated workpiece is subjected to bending, and at least a neutral cross-section, i.e. not subjected to bending, neutral cross-section beyond which the bending of the elongated workpiece begins along the forwarding direction thereof, provides a measuring instrument positioned so that it engages either an extrados or an intrados point of the elongated workpiece near the neutral cross-section, but displaced therefrom in the forwarding direction of the elongated workpiece. Further, a measuring instrument on a bending machine that embodies the method is described.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.1736/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS AND CONTROL SYSTEM FOR CONTROLLING SMELTING IN ALUMINIUM SMELTING CELLS

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :P.O. RENUKOOT, DISTRICT SONBHADRA, (U.P.) -231217, INDIA

(72)Name of Inventor :

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2)SINGH, ASHOK

3)VARGHESE, SHAJI

4)PANDEY, PANKAJ

5)BHAGERIA, KRISHNA

(57) Abstract :

Disclosed is a process for smelting of aluminium in an aluminium smelting cell. The process comprises determining voltage and current at first pre-determined intervals and noise value in the current and voltage at second pre-determined intervals. The process further comprises computing a raw resistance value from the determined value of voltage and current, average noise value from the determined noise value, and a smooth resistance value based on the raw resistance value. The process also comprises determining number of dumps of alumina to be added to the smelting cell by selecting an appropriate alumina dumping strategy based on at least one of the computed value of raw resistance, smooth resistance value and average noise. Finally, the process comprises controlling voltage of the smelting cell by raising or lowering anode in the aluminium smelting cell based on comparison of smooth resistance value and the control resistance value at third pre-determined intervals

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.1798/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GLASS CONTAINER WALL THICKNESS MEASUREMENT USING FLUORESCENCE

(51) International classification

:G01J

(31) Priority Document No

:12/535,828

(32) Priority Date

:05/08/2009

(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 :

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CHAM, SWITZERLAND

(72)Name of Inventor :

1)WILLIAM J. FURNAS

2)SARATH K. TENNAKOON

3)GARY C. WEBER

(57) Abstract :

An apparatus and method for measurement of the stress in and thickness of the walls of glass containers is disclosed that uses fluorescence to quickly and accurately ascertain both the thickness of the stress layers and the wall thickness in addition to the stress curve in glass containers. The apparatus and method may be used to quickly and accurately measure both the stress in and the thickness of the side walls of glass containers throughout the circumference of the glass containers. The apparatus and method are adapted for large scale glass container manufacturing, and are capable of high speed measurement of the stress in and the thickness of the side walls of glass containers.

No. of Pages : 77 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.1799/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR HEATING, IN PARTICULAR HIGHLY VISCOUS PRODUCTS

(51) International classification	:F28C
(31) Priority Document No	:102009036019.0
(32) Priority Date	:04/08/2009
(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)FEILNER, ROLAND

(57) Abstract :

The invention relates to a method for heating, in particular of highly viscous products, and a device for performing the method, wherein the product is pre-heated to a first temperature T1 in a first step with at least one product/water heat exchanger section with water as the heating medium, wherein the water cools down, is further heated to a second temperature T2 in a second step with at least one product/product heat exchanger section 2a with the product as a heating medium, wherein the returning product serving as heating medium is cooled down, and is then further heated to a third temperature T3 in a third step with at least one product/water heat exchanger section 3a with water as the heating medium, wherein the water cools down and wherein the heated product is then recirculated as heating medium for heating the product.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1908/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INDICATOR PLATE ATTACHMENT STRUCTURE FOR MOTORCYCLE

(51) International classification	:B60R
(31) Priority Document No	:P2009-
(32) Priority Date	197012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)KAWASAKI JUKOGYO KABUSHIKI KAISHA

Address of Applicant :1-1, HIGASHIKAWASAKI-CHO 3-CHOME, CHUO-KU, KOBE-SHI, HYOGO 650-8670, JAPAN.

(72)Name of Inventor :

1)KAJI, MOTOKI

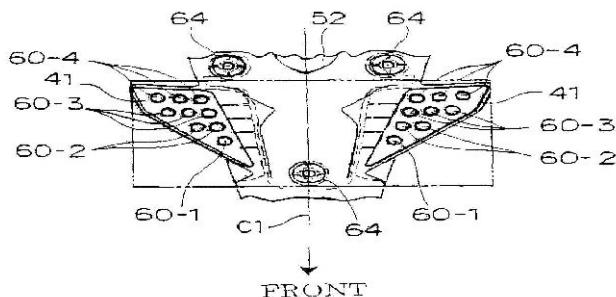
2)NISIZAWA, RYO

3)KUROKAWA, NOBUHIKO

(57) Abstract :

The present invention is to provide an indicator plate attachment structure for a motorcycle capable of reducing the number of parts for attaching an indicator plate. The motorcycle is provided with a body cover integrated with a plate attachment portion (41) made of resin such as a front cover (24). At least one or more plate attachment hole (60-1, 60-2, 60-3, 60-4) is formed in the plate attachment portion (41) as a plate locking portion. Preferably, a plurality of the plate attachment holes (60-1, 60-2, 60-3, 60-4) are provided, and plate locking members such as attachment bolts (66) are selectively locked onto plural ones of the plate attachment holes (60-1, 60-2, 60-3, 60-4), so that a number plate (31) is attached to the plate attachment portion (41) while an attachment position is selectable.

Fig.5



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/04/2011

(21) Application No.1066/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DOOR STRUCTURE MODULE

(51) International classification	:B63B	(71)Name of Applicant :
(31) Priority Document No	:10160061.7	1)LANXESS DEUTSCHLAND GMBH
(32) Priority Date	:15/04/2010	Address of Applicant :D-51369 LEVERKUSEN, Germany
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)ULRICH DAJEK
Filing Date	:NA	2)RALF ZIMNOL
(87) 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 door structure module, preferably a door structure module for a motor vehicle, particularly preferably a motor vehicle door or a motor vehicle tailgate of metal-plastics-composite design (hybrid technology) and in which at least one panel profile is joined to at least two different plastics elements, where the two plastics elements are composed of different plastics materials which are simultaneously injection-moulded by the bi-injection-moulding process, and as a result of this when the melt fronts of these encounter one another they fuse with one another and simultaneously enter into a secure bond with the panel profile(s).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.1102/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR REMOTE SENSING/ DETECTION OF ONSET OF PUMPING LIQUID/ GAS IN NETWORK OF INTERCONNECTED CONDUITS

(51) International classification	:G11B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)RAJESH KUMAR
(32) Priority Date	:NA	Address of Applicant :C-39, HANUMAN ROAD,
(33) Name of priority country	:NA	CONNAUGHT PLACE, NEW DELHI-110001 (INDIA)
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAJESH 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 :

A Method for Remote Sensing/Detection of onset of Pumping liquid/ gas in network of interconnected conduits is disclosed. The this method a differential / absolute pressure sensor or pressure switch-4 of appropriate sensing/ working range is connected to the network of interconnected conduit through a hole drilled on conduit at desired remote point of location-5 away from pumping station of liquid/ gas-1. When the pumping of liquid/ gas/ water in the interconnected conduits network starts the liquid/ gas rushed towards various points in the network of interconnected conduits-2, which change the pressure in the whole network due to compression of gas/ liquid.The pressure change is detected by differential / absolute pressure sensor or pressure switch-4 ,thus indicating onset of pumping of liquid/ gas in the subjected network of interconnected conduits-2. The output-6 of the connected differential/ absolute pressure sensors or pressure switch-2 is used to trigger various electrical/ mechanical/ electronic/ chemical process and/ or information

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1428/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF FORMING CURRENT TRACKS ON SEMICONDUCTORS

(51) International classification	:G09D	(71) Name of Applicant :
(31) Priority Document No	:61/345,932	1)ROHM AND HAAS ELECTRONIC MATERIALS LLC
(32) Priority Date	:18/05/2010	Address of Applicant :445 FOREST, STREET, MARLBOROUGH, MASSACHUSETTS 01752, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)ROBERT K. BARR
Filing Date	:NA	2)HUA DONG
(87) 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 making current tracks for semiconductors are disclosed. The methods involve selectively depositing a hot melt ink resist containing rosin resins and waxes on a silicon dioxide or silicon nitride layer coating a semiconductor followed by etching uncoated portions of the silicon dioxide or silicon nitride layer with an inorganic acid etch to expose the semiconductor and simultaneously inhibit undercutting of the hot melt ink resist. The etched portions may then be metallized to form a plurality of substantially uniform current tracks.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1900/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A CATALYST COMPONENT FOR OLEFIN POLYMERIZATION AND A CATALYST COMPRISING THE SAME

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:200910162346.0	1)CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :22A CHAOYANGMENBEI STREET, CHAOYANG DISTRICT, BEIJING 100728, China
(32) Priority Date	:13/08/2009	2)BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION
(33) Name of priority country	:China	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)XIE, LUNJIA 2)LING, YONGTAI 3)TIAN, YU 4)FENG, ZAIXING 5)ZHAO, SIYUAN 6)HU, QING 7)SUN, ZHUFANG 8)KANG, YU
(87) 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 solid catalyst component for olefin polymerization comprising an $\tilde{\text{I}}$ -cyanosuccinate compound as an internal electron donor, a catalyst comprising the catalyst component, and use of the catalyst in olefin polymerization. When used in propylene polymerization, the catalyst exhibits a higher catalytic activity and good hydrogen response, and the resulting polymer has a high isotacticity and a broad molecular weight distribution.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/08/2010

(21) Application No.1959/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIRELESS TRANSMISSION SYSTEM, WIRELESS COMMUNICATION DEVICE AND WIRELESS TRANSMISSION METHOD

(51) International classification	:H04L	(71) Name of Applicant :
(31) Priority Document No	:P2009-223683	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, Japan
(32) Priority Date	:29/09/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)NORIHITO MIHOTA
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed herein is a wireless transmission system. Transmission antennas are provided on a first communication apparatus while reception antennas individually corresponding to the transmission antennas are provided on a corresponding second communication apparatus. Each reception antenna receives a desired wave from a corresponding transmission antenna as a direct wave and receives an unnecessary wave from a different transmission antenna as a direct wave. The first communication apparatus modulates only the amplitude of a carrier signal for all channels. The second communication apparatus demodulates composite waves of desired waves and unnecessary waves received by the reception antennas by envelope detection or square-law detection and carries out correction operation for the demodulation signals based on transmission characteristics of transmission spaces between the transmission and reception antennas to acquire transmission subject signals.

No. of Pages : 169 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1505/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED DEVICE USEFUL FOR HOLDING SOLAR (PV) PANEL

(51) International classification	:G01P
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) 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 :AUNSANDHAN BHAWAN, RAFI
MARG, NEW DELHI - 110 001, INDIA.

(72)Name of Inventor :

1)MAITY SIBNATH
2)MAITY ATANU
3)MANDAL SUBRATA KUMAR

(57) Abstract :

The present invention provides an improved device useful for holding solar (PV) panel flexibly with a stem/long pole at an adjustable required angle. The solar PV panel being hold by a flexible leafstalk at one end, having the other end inserted within a tubular elbow holder being hinged by a pin with a flat formed part, the said tubular elbow holder having an adjustable screw resting on the formed part, the said formed part is being tied with a stem of a tree or a pole by flexible belt on its both ends by means of fixing arrangement. The invented device is useful for holding solar (PV) panel flexibly with a stem / long pole and the device is light weight, easily installable, low cost, negotiate wind load and less susceptible to accumulate fine dust.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1506/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : N-DOPED GAINZN MIXED OXIDE AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C07D	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :AUNSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Nitrogen doped GaInZn mixed oxides were prepared by solid state reaction method in the temperature range 400-600°C by taking Ga(NO₃)₃, In(NO₃)₃, Zn(NO₃)₂ as metal precursors and glycine, hexamine, pyridine or urea as nitrogen sources. The molar ratio of GaInZn mixed oxides was varied from 1:1:1:2 to 2:2:1:4. Nitrogen doped GaInZn mixed oxides, prepared at 1:1:1:2 molar ratio showed highest photocatalytic activity such as hydrogen gas evolution (2455.36 μmol of H₂) and methylene blue degradation 82.4% under visible light illumination in 3 hr.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.1795/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ENDOSCOPIC INSTRUMENT

(51) International classification	:A61B :10 2009	(71) Name of Applicant : 1)RICHARD WOLF GMBH Address of Applicant :PFORZHEIMER STRASSE 32, 75438 KNITTLINGEN, Germany
(31) Priority Document No	036 424.2- 51	(72) Name of Inventor : 1)FRANK WEHRHEIM
(32) Priority Date	:06/08/2009	
(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	

(57) Abstract :

The invention relates to an endoscopic instrument with a shaft, which is designed in a flexible manner along its longitudinal axis in at least one section, wherein the flexible section of the shaft has a tube-shaped wall made of an electroactive polymer with in each case a plurality of control electrodes and reference electrodes embedded therein, which are arranged alternately as seen in the axial direction and are separated from one another, wherein the control electrodes and reference electrodes alternating in the axial direction respectively have a rigid design and are respectively interconnected in an electrically conducting manner in the axial direction by means of elastic webs arranged on the outer or inner circumference, and the invention also relates to a method for producing a flexible section of such an endoscopic instrument.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1910/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR EXTRACTING INERTIAL ENERGY FROM A WIND TURBINE

(51) International classification	:F03D
(31) Priority Document No	:12/550,123
(32) Priority Date	:28/08/2009
(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 operating a wind turbine (10) during a curtailment operation, the wind turbine including a generator (26) and a wind turbine rotor (14) having at least one rotor blade (24), the wind turbine also including a drive train (40) that includes at least one shaft (28) coupled to the wind turbine rotor and configured to drive the generator is provided. The system includes a control system (34) configured to increase a speed of rotation of the wind turbine rotor beyond an optimum rated speed during the curtailment operation of the wind turbine, and an extraction device configured to extract inertial energy stored in the drive train upon release of the curtailment operation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/08/2010

(21) Application No.1965/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BEARING

(51) International classification

:F16C

(31) Priority Document No

:10 2010

(32) Priority Date

017 964.7
:23/04/2010

(33) Name of priority country

:Germany

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AKTIEBOLAGET SKF

Address of Applicant :415 50 GOTEBORG, SWEDEN

(72)Name of Inventor :

1)RICO DITTMAR

2)PETER VOLPERT

(57) Abstract :

The invention relates to a rolling bearing (1), comprising at least one inner ring and at least one outer ring (2), with the outer ring (2) being formed in two parts in the axial direction (a), with two rows of rolling bodies being arranged between the at least one inner ring and the outer ring (2), and with the two outer ring parts (3, 4) of the outer ring (2) having, in each case in one of their axial end regions (5, 6) which face towards one another, a groove-shaped recess (7, 8) in which a connecting and sealing ring (9) is arranged. To obtain optimum sealing of the two outer ring parts and to enable advantageous handling and the use of standard machines during the production process of the outer rings in order to obtain a highly economical production process, the invention provides that an interference fit is present between a radially aligned surface of the groove-shaped recess (7, 8) and the connecting and sealing ring (9).

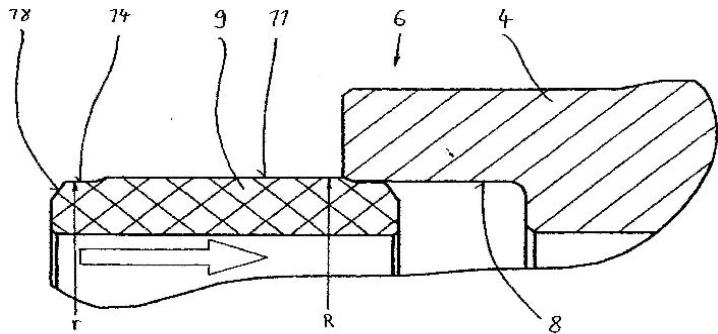


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.1290/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TWIN FOLDED WAVEGUIDE SLOW-WAVE STRUCTURE FOR A TRAVELLING WAVE TUBE

(51) International classification	:G01S
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

Address of Applicant :Ministry of Defence Govt. of India
Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi
110105 India

(72)**Name of Inventor :**

**1)MURUGAN Sumathy
2)SUBRATA Kumar Datta
3)LALIT Kumar**

(57) Abstract :

The present invention provides a twin-folded waveguide slow wave structure for a travelling wave tube. In one embodiment, a twin-folded-waveguide slow wave structure includes a pair of identical folded-waveguide slow wave structures combined in a contra-twined placement, an input end, and an output end. Said pair of structures has a beam tunnel hole for providing passage to an electron beam and a waveguide connecting the input end and the output end. The pair of structures are responsive to the electron beam passing through the beam tunnel hole and to an radio frequency (RF) signal received via the input end for enabling the high power electron beam to exchange energy with the transverse electric field as the received RF signal passes through the waveguide resulting in amplification of the RF signal with instantaneous bandwidth of the amplified RF signal substantially close to an octave bandwidth.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2011

(21) Application No.1291/DEL/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:G01S	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	108665	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:10/05/2010	TOKYO, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)MASAHARU HOSOI
Filing Date	:NA	2)HIROYUKI MATSUMOTO
(87) International Publication No	:NA	3)MASAFUMI SUEYOSHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A zoom lens includes first, second, and third lens groups having positive, negative, and positive refractive powers, respectively, which are arranged in order from the object side to the image side. When zooming from wide-angle to telephoto, the first lens group moves to the object side, and spacings between the lens groups change. The third lens group has at least two lenses including a positive lens arranged closest to the object side. Blur correction on the image plane is performed by moving the positive lens of the third lens group perpendicularly to the optical axis. The zoom lens satisfies the following conditional expression (1): (1) $0.3 < (l-kFW)kRW$

No. of Pages : 73 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2010

(21) Application No.1722/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TURBINE HOUSING WITH WALL CLADDING

(51) International classification

:F01D

(31) Priority Document No

:10 2009

(32) Priority Date

:037 413.2

(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)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, Germany

(72)Name of Inventor :

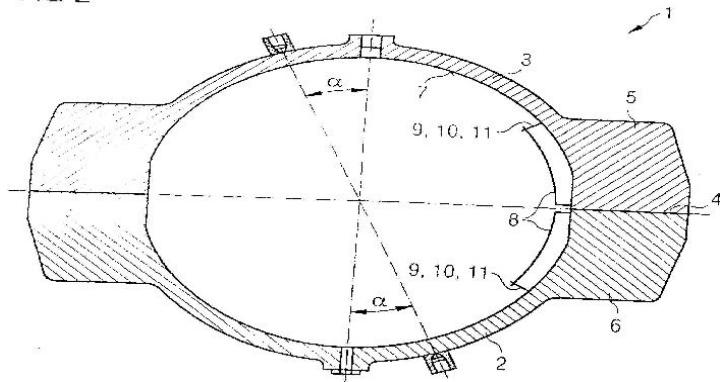
1)LOCHNER; KLAUS

2)STRAUCH; MATTHIAS

(57) Abstract :

The invention includes a turbine housing 1, in which a wall cladding 8 is provided on an inner wall 7 of the turbine housing 1, in the region of joint flange 5, 6, said wall cladding 8 being arranged and embodied such that it reduces the convective heat transfer and thermal radiation in the region of the joint flanges 5, 6.

FIG 2



No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/08/2010

(21) Application No.1968/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR VERIFYING WIND TURBINE OPERATION

(51) International classification

:F03D

(31) Priority Document No

:12/553,434

(32) Priority Date

:03/09/2009

(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) Abstract :

A wind turbine verification system is provided. The system includes a wind turbine controller (60) having a plurality of wind turbine operating parameters (122) stored therein, and a verification device (100) including a processor (102), a memory device (106), and a user input mechanism, the verification device being configured to communicatively couple to the wind turbine controller via a data link (114). The verification device is further configured to receive at least one wind turbine operating parameter from the wind turbine controller, execute a verification program (110) on the wind turbine controller, wherein the verification program iterates through a plurality of predefined tasks (228), and verify at least one operating condition of a wind turbine (10) based on the executed verification program.

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

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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

(72)Name of Inventor :

1)MIXTER JR. JOHN ROBERT

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.1350/DEL/2011 A

(43) Publication Date : 27/09/2013

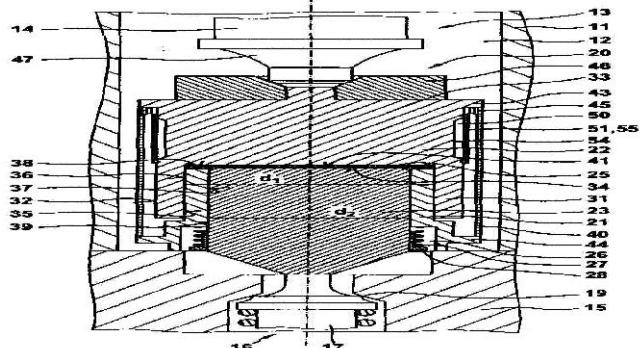
(54) Title of the invention : FUEL INJECTOR HAVING HYDRAULIC COUPLER UNIT

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:102010029123.4	1)ROBERT BOSCH GmbH
(32) Priority Date	:19/05/2010	Address of Applicant :POSTFACH 30 02 20, STUTTGART
(33) Name of priority country	:Germany	70442, Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ZEH, DIETMAR
(87) International Publication No	:NA	2)RAPP, HOLGER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a fuel injector having a hydraulic coupler unit (20). The fuel injector includes a coupler piston (22) and a valve piston (23), which are guided together in axially adjustable manner on a coupler body (21) and which limit a pressure chamber (25) as coupler gap volume between them and the coupler body (21). The pressure chamber (25) is filled with fuel, in order to transform an axial movement of the coupler piston (22) corresponding to a diameter ratio of the valve piston (23) to the coupler piston (22) into an axial movement of the valve piston (23). Further, the coupler piston (22) is pre-stressed against an actuator element (16) directing towards outside from the pressure chamber (25) by means of a pre-stressed spring (40). The coupler unit (20) is disposed in a low pressure chamber (12) and has a compressible reservoir (50). The compressible reservoir (50) is configured on the coupler piston (22) and is limited towards the low pressure chamber (12) with a flexible wall (51).

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.1732/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELEVATOR SYSTEM

(51) International classification	:B66B	(71) Name of Applicant :
(31) Priority Document No	:2009-213931	1)HITACHI, LTD.
(32) Priority Date	:16/09/2009	Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8280 JAPAN.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)INOUE SHINSUKE 2)FUKATA HIRONORI 3)FURUHASHI MASAYA 4)YOSHIKAWA TOSHIKUMI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

In an elevator system which permits to detect a door zone indicating a region where passengers are able to get on and off, the system is provided with two position detecting sensors that are disposed at the side of the car being spaced apart each other with a predetermined distance in the upward and downward running direction while facing the side of the landing floor and a current position memory means that stores a judgment result whether the car positions in the door zone or out of the door zone, and when an output from either of the two position detecting sensors is obtained, the judgment result stored in the current position memory means is inverted, and the position of the car is surely detected. Thereby, an elevator system with further enhanced safety is realized that further simplifies the installation work and maintenance and inspection work as well as prevents the lengthy stuff from being caught even when the same is largely vibrated due to a long period earthquake.

No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1841/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SPRAYING DEVICE

(51) International classification

:B65D

(31) Priority Document No

:102009039585.7

(32) Priority Date

:01/09/2009

(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)MOMSEN, JAN

2)HANSEN, BERND

3)MESSER, KARL-HEINZ

4)ASCHENBRENNER, LOTHAR

(57) Abstract :

A spraying device for a container cleaning system containing a container conveyor by means of which containers are transported with their opening facing downwards is described. The spraying device contains spray nozzles acting from the bottom onto the container. To clean the outer side of the containers, it is suggested that the spraying device contains an external spray nozzle directed to the outer surface of the container.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2010

(21) Application No.2008/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BANDWIDTH DEFRAAGMENTATION SYSTEMS AND METHODS IN OPTICAL NETWORKS

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

(71)Name of Applicant :

1)CIENA CORPORATION

Address of Applicant :1201 WINTERSON ROAD,
LINTHICUM, MARYLAND 21090, U.S.A.

(72)Name of Inventor :

1)SRINIVASAN, HARI

2)KHAN, WASEEM REYAZ

3)PRAKASH, ANURAG

4)PANDEY SAURABH

(57) Abstract :

The present disclosure provides bandwidth defragmentation systems and methods in optical networks such as Optical Transport Network (OTN), Synchronous Optical Network (SONET), Synchronous Digital Hierarchy (SDH), Ethernet, and the like. In particular, the present invention includes bandwidth defragmentation algorithms that may be used within the context of a signaling and routing protocol to avoid bandwidth defragmentation. As such, the present invention defines a mechanism for computing an end to end path for a connection in a manner that avoids bandwidth fragmentation and provides for better network utilization. For example, the present invention may include a path computation based upon administrative weight and upon fragmentation costs. This may be implemented in existing signaling and routing protocols without changes to existing protocol messages used in topology discovery. Further, the present invention optimizes available bandwidth allowing a higher probability of higher bandwidth request being admitted.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1510/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AS PROTEIN KINASE INHIBITORS □

		(71) Name of Applicant : 1)DAIICHI SANKYO COMPANY LIMITED Address of Applicant :3-5-1 Nihonbashi Honcho Chuo-ku Tokyo 103-8426 JAPAN.
(51) International classification	:C07D	(72) Name of Inventor :
(31) Priority Document No	:NA	1)Ashwani Kumar Verma
(32) Priority Date	:NA	2)Kumaragurubaran Nagaswamy
(33) Name of priority country	:NA	3)Lalima Sharma
(86) International Application No	:NA	4)Soma Ghosh
Filing Date	:NA	5)Balkrishna Ramchandra Kale
(87) International Publication No	: NA	6)Aniruddha Mondal
(61) Patent of Addition to Application Number	:NA	7)Punit Kumar Srivastava
Filing Date	:NA	8)Sunanda Ghosh Dastidar
(62) Divisional to Application Number	:NA	9)Rie Miyauchi
Filing Date	:NA	10)Takeshi Murata
		11)Masayuki Ishizaki
		12)Masatoshi Nagamochi

(57) Abstract :

The present invention provides a heterocyclic compound of formula (I), a pharmaceutically acceptable salt thereof, a prodrug thereof or a hydrate thereof, wherein A, A' B, D, R1, R2 and R3 are as defined herein, a pharmaceutical composition comprising a compound of formula (I) as an active ingredient, methods of production, and methods of use thereof. Particularly, the present invention provides a compound of formula (I) useful for treating or preventing a disease, condition or disorder associated with protein kinases, preferably Janus Kinase family.

No. of Pages : 178 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.1646/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INERT GAS PURGING SYSTEM FOR AN ORC HEAT RECOVERY BOILER

(51) International classification	:B61G	(71)Name of Applicant :
(31) Priority Document No	:12/827,105	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:30/06/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)FREUND SEBASTIAN W.
Filing Date	:NA	2)KOPECEK HERBERT
(87) International Publication No	:NA	3)LEHAR MATTHEW ALEXANDER
(61) Patent of Addition to Application Number	:NA	4)HUCK PIERRE SEBASTIEN
Filing Date	:NA	5)SCHARL ALBERT ANDREAS
(62) Divisional to Application Number	:NA	6)MARTINI MARIO
Filing Date	:NA	7)CASTELLANI PAOLO
		8)AST GABOR
		9)FREY THOMAS JOHANNES
		10)SEGHÌ GIACOMO
		11)AMATO VINCENZO
		12)CAPPELLI MAURO
		13)BARTOLOZZI STEFANO

(57) Abstract :

In one embodiment, a system includes a valve system (60) switchable between a waste heat recovery position configured to direct incoming exhaust gas (38) through an interior volume (60) of an exhaust section (28) of an engine (12) and a bypass position configured to direct the incoming exhaust gas (38) through a bypass duct (46) to bypass a heat recovery boiler (40) disposed within the interior volume (60). The system also includes an inert gas purging system (72) configured to inject an inert gas into the interior volume (60) to displace residual exhaust gas (38) from the interior volume (60).

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.1648/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TOWER SEGMENTS AND METHOD FOR OFF-SHORE WIND TURBINES

(51) International classification

:B61G

(31) Priority Document No

:12/826,044

(32) Priority Date

:29/06/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

A method for erecting an off-shore wind turbine (10) includes providing a wind turbine tower socket segment (300) that includes a basin (340) positioned at one end of the wind turbine tower socket segment. The basin is filled with water. A wind turbine tower plug segment (200), which has a closed surface (240) at one end of the wind turbine tower plug segment, is brought in connection with the wind turbine tower socket segment. Further, a wind turbine tower socket segment for off-shore wind turbines is provided that includes a basin adapted for receiving water on one side of the segment. The socket segment is adapted for receiving a wind turbine tower plug segment. Further, a wind turbine tower plug segment adapted for being plugged into a wind turbine tower socket segment is provided. The wind turbine tower plug segment includes a closed surface at one end of the segment. Further, a wind turbine is provided. (Figure 5)

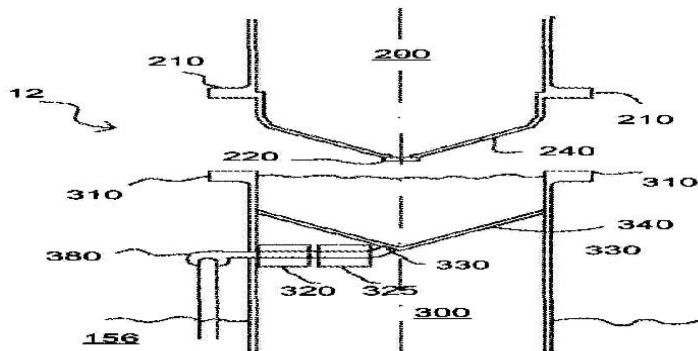


FIG. 5

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1866/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PROVIDING A STERILE LIQUID FOR A FILLING SYSTEM

(51) International classification	:B67C
(31) Priority Document No	:102009039180.0
(32) Priority Date	:28/08/2009
(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)MARTINI, OLIVER

(57) Abstract :

The present invention comprises an apparatus for providing a sterile liquid for a filling system for filling containers, the apparatus comprising: a first liquid reservoir for receiving a first liquid; a second liquid reservoir for receiving a second liquid; a sterilizing device for sterilizing the first and/or second liquid; and a withdrawal device for selectively withdrawing a sterile liquid from the first or second liquid reservoir.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2030/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AIR FORCED ELECTRICITY GENERATOR REHABILITATION MULTIPLY SYSTEM

(51) International classification	:F03B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SH. KASHI RAM

Address of Applicant :SH. KASHI RAM S/O LATE SH.
PALA RAM VILLAGE & P.O., DERA PAROL DISTT.
HAMIRPUR (H.P)-PIN 177501 Himachal Pradesh India

2)PROF. I.K.BHAT

(72)Name of Inventor :

1)SH. KASHI RAM

2)PROF. I.K.BHAT

(57) Abstract :

The present invention consist of a forced air based system that has the capability of producing electricity by means of a set of components consisting of properly designed structure fitted with electric drives, exhaust fan drives, belts & pulleys, bearings filled Shaft, end supports for providing foundation for stable operation of rotatable cylindrical drum structure having fixed main axial shaft. There are set of five electric drives meant for driving rehabilitation multiply system. The complete system is well supported on a outer most cover drum fitted on movable roller(s) for transportation purpose. The complete electric generator can work on the draft of air produced by fast rotation of exhaust fans that rotate the blades fitted on multiply turbine shaft at speed (300RPM) which has been increased to (3000RPM) in present system to develop power rehabilitation & multiply system. The electrical power build up process passes through different stages for sustained output at the distributor side which can be controlled & utilized for several applications. In the nutshell, this system of air forced electricity generation is thought to act as a most versatile & economical power generating system in the country, provided it is developed in bulk sized power generating system due to its inherent capability in its modular power evacuation units as suggested in the said invention.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.1556/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NOVEL PROCESS FOR CRYSTALLINE AS WELL AS AMORPHOUS RESUVASTATIN CALCIUM AND NEW POLYMORPH THEREOF

(51) International classification	:C09G
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)MOREPEN LABORATORIES LIMITED

Address of Applicant :VILLAGE & P.O.- MASULKHANA,
PARWANOO, DISTT. - SOLAN, HIMACHALPRADESH
173220, INDIA

(72)**Name of Inventor :**

1)SANJAY SURI

2)MADAN PAL TANWAR

3)SUMAN KUMAR SHARMA

4)SANJAY KUMAR MISHRA

5)AVINASH AGGARWAL

(57) Abstract :

The present invention relates to new polymorphic form of Crystalline Rosuvastatin calcium along with novel processes for crystalline as well as amorphous Rosuvastatin calcium.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.1742/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HEALTHCARE INFORMATION COMMUNICATION SYSTEM

(51) International classification

:H03G

(31) Priority Document No

:61/357,014

(32) Priority Date

:21/06/2010

(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)ATHENAHEALTH, INC.

Address of Applicant :311 ARSENAL STREET,
WATERTOWN, MASSACHUSETTS 02472, U.S.A.

(72)Name of Inventor :

1)HARVEY, DAVID D.

2)ACH, CHIP

3)BLAKE, MATTHEW

4)FENICK, DEIRDRE

5)MACHENRY, MICHAEL

6)WILLIS, VAN B.

7)BULKLEY, CHRISTOPHER

(57) Abstract :

A healthcare information communication system is configured to send automated messages to patients of a medical practice based, at least in part, on data stored on a practice management system. Integration between components of the healthcare information communication system and the practice management system including a health information management system and a billing management system facilitate patient visits to a medical practice by reducing the burden on medical practice personnel to collect all information from patients during visits to the medical practice. Automated messaging and reminder of appointments based on information stored in the practice management system reduce the amount of revenue lost by a medical practice due to last minute cancellations, no-shows at the medical practice, and uncollected outstanding bills.

No. of Pages : 81 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.1743/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HEALTH QUALITY MEASURES SYSTEMS AND METHODS

(51) International classification

:G06F

(31) Priority Document No

:12/721,043

(32) Priority Date

:10/03/2010

(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)GEORGE, JIBU
2)ROSENBERGER, BRYAN
3)JARVIS, CHARLIE**

(57) Abstract :

Systems and methods of exchanging Healthcare Quality Measures (HQM) are disclosed. Healthcare providers can define one or more HQMs by constructing expressions using an expression builder according to a funding organizations requirements. Once a measure is derived, it can be converted to a common HQM data format and exchanged with the organization via an intermediary HQM service. The HQM data can then be converted into the organizations proprietary format. Thus, HQM data exchanges among providers and organizations are simplified.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.1800/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CLEANING MACHINE

(51) International classification	:A47L
(31) Priority Document No	:102009037188.5
(32) Priority Date	:12/08/2009
(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)JOOST, HOLGER

2)MOMSEN, JAN

3)HANSEN, BERND

(57) Abstract :

Described is a cleaning machine for containers, said cleaning machine containing a housing in which various treatment stations, including a feed station and a discharge station, are accommodated, whereby the housing has two side walls located opposite each other. In order to simplify the installation of the cleaning machine, a modular construction is proposed, whereby at least the discharge station is formed as a module.

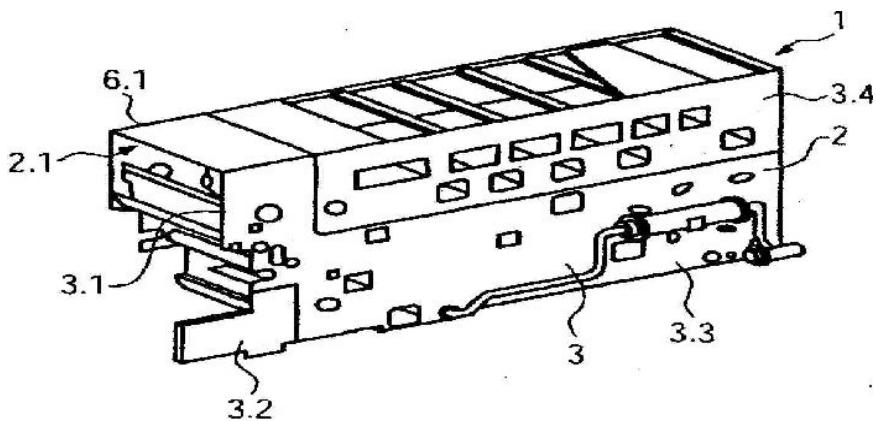


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1913/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NETWORK CENTRIC SYSTEM AND METHOD FOR ACTIVE THERMAL STEALTH OR DECEPTION

(51) International classification	:F41J
(31) Priority Document No	:200417
(32) Priority Date	:16/08/2009
(33) Name of priority country	:Israel
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)ELTICS LTD

Address of Applicant :BEN GURION 5/123, P.O. B 747,
ASHKELON 78281 ISRAEL.

(72)**Name of Inventor :**

1)MEIR RONEN

(57) Abstract :

A system and method for active thermal stealth or deception, the system including at least two objects, each having at least one active plate and a processing module coupled to the active plate for activating the plate to provide a desired thermal signature to the object, and a remotely located central control unit for external actuation of the processing modules in each object.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2035/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR BLOW MOLDING CONTAINERS

(51) International classification	:B29C	(71) Name of Applicant :
(31) Priority Document No	:102009041013.9	1)KRONES AG
(32) Priority Date	:10/09/2009	Address of Applicant :BOHMERWALDSTRASSE 5 93073
(33) Name of priority country	:Germany	NEUTRAUBLING, Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BRUNNER, ANDREAS
(87) International Publication No	:NA	2)BLOCHMANN, ERIK
(61) Patent of Addition to Application Number	:NA	3)GELTINGER, FLORIAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a method for blow molding containers (40) in blow molds (B) of a device (M) operated with the recovery of air from the blow molds (B), wherein operation is accomplished consecutively in a preblow stage (28) with a low pressure (P1) and at least two further blow stages (29, 30, 30) with respective higher pressures (Pi, P2, P2), and wherein subsequently, in a recovery phase (32) with several pressure stages, air is fed from the respective blow mold, air from the blow mold (b) is first fed into the volumes (8) allocated to the preblow stage (28), with priority over a feeding at least into the volume (9) allocated to the pressure stage (29) following the preblow stage. The device comprises a blow control (CU) and a control means for the pressure in the volume (8), wherein the blow control (CU) comprises a program section (S) for primarily feeding air first into the volume (8), and possibly for limiting the pressure in the volume (8) to a multiple of the pressure (P1).

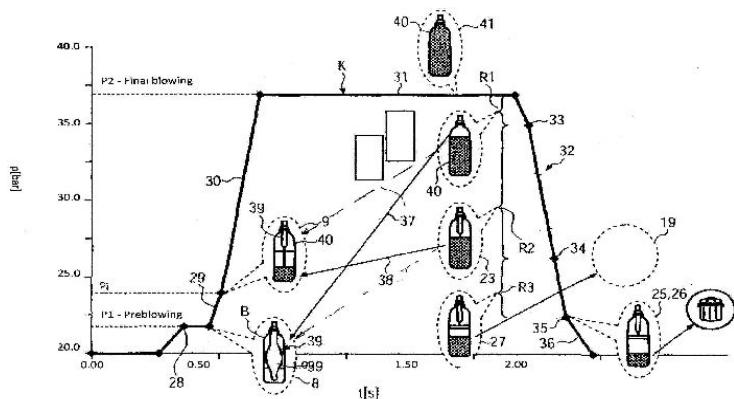


FIG. 2

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.1826/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SELF CONTAINED DISPOSABLE TANGENTIAL FLOW FILTRATION LINER

(51) International classification

:B01D

(31) Priority Document No

:61/273,390

(32) Priority Date

:04/08/2009

(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, U.S.A.

(72)Name of Inventor :

1)MARTIN MORRISSEY

2)DENNIS WONG

(57) Abstract :

Tangential flow filtration device is provided wherein liners are provided between the filtration element and the top and bottom holders or manifolds. The liners incorporate the flow channels and inlet and outlet ports, as well as an optional sensor mount. The liners and filtration element are independently compressed, so that decompression of the overall assembly does not decompress the liners and filtration element, thereby preventing leakage of hold-up volume within the fluid paths of the filtration element and liners.

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.1827/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS FOR CONNECTING AT LEAST TWO PLATES

(51) International classification	:B29C
(31) Priority Document No	:10 2009 038 697.1
(32) Priority Date	:24/08/2009
(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)EJOT HOLDING GMBH & CO. KG

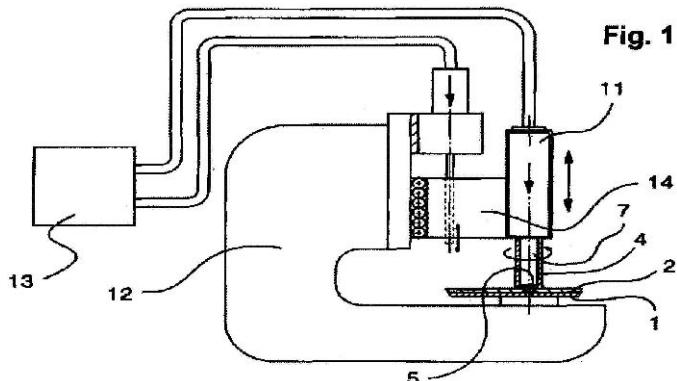
Address of Applicant :ADOLF-BOHL-STRABE 7 BAD
BERLEBUG 57319 Germany

(72)Name of Inventor :

1)CHRIST, EBERHARD

(57) Abstract :

Apparatus for connecting at least two plates (1,2) of which a supporting plate (1) comprises a higher strength than a supported plate (2) posed thereon. By means of a connecting element (5) rotated by a rotational feeder unit (11), the connecting element with a collar (6) presses the supported plate (2) onto the supporting plate (1). With a shaft (10) a friction welding connection to the supporting plate (1) is made. The rotational feeder unit (11) is provided with a measurement device with measures an axial force exerted by the rotational feeder unit as well as a respective feeding motion and which indicates, upon abutment of the shaft of the connecting element onto the supporting plate, the pressure increase encountered therein, which, thereby, advances the rotational feeder unit, the feeding motion of which is adjustable to at least three sequential connecting stages. Therein, the first stage is adjusted to the penetration of the supported plate, the second stage is adjusted to the friction welding of the shaft with the supporting plate. The third stage completes the friction welding process by putting up the axial force of the connecting element onto the supporting plate 1.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1936/DEL/2010 A

(43) Publication Date : 27/09/2013

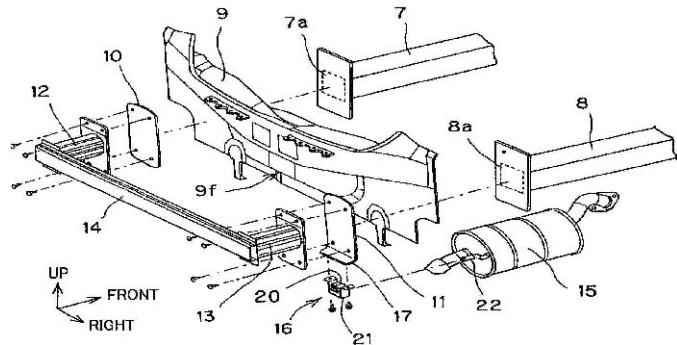
(54) Title of the invention : EXHAUST PIPE SUPPORT STRUCTURE

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:JP 2009-	1)SUZUKI MOTOR CORPORATION
	195237	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-
(32) Priority Date	:26/08/2009	KU, HAMAMATSU-SHI, SHIZUOKA-KEN, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)FUJITA, AKIHIRO
Filing Date	:NA	
(87) 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 support structure for an exhaust pipe is provided in a vehicle which includes left and right side frames (7, 8) disposed at a lower side of a rear floor and a back panel (9) extending downward from the rear floor joined to rear end portions of the side frames (7, 8). Reinforcing plates (10, 11) join the back panel (9) on a vehicle rear side at positions facing the rear of the side frames. Stays (12, 13) extending in a rearward direction mount to the respective reinforcing plates and support a bumper member (14). A muffler disposed below the rear floor and at a front side of the back panel (9) or an exhaust pipe connected thereto, is supported on the vehicle body by a hanger rubber (16). A flange portion is formed at one (11) of the reinforcing plates and extends rearwardly and perpendicularly therefrom. A hanger rubber (16) mounts to the flange portion to support the muffler or exhaust pipe.

FIG.4



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2053/DEL/2010 A

(43) Publication Date : 27/09/2013

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

(51) International classification

:H05B

(31) Priority Document No

:2010101198882

(32) Priority Date

:04/03/2010

(33) Name of priority country

:China

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)O2 MICRO, INC.

Address of Applicant :3118 PATRICK HENRY DRIVE
SANTA CLARA, CALIFORNIA 95054 U.S.A.

(72)Name of Inventor :

1)TIESHENG YAN

2)YOULING LI

3)FENG LIN

4)XINHE SU

5)CHING-CHUAN KUO

(57) Abstract :

A driving circuit includes a first inductor coupled in series with a light source for providing power to the light source. A controller coupled to the first inductor can control a switch coupled to the first inductor, thereby controlling a current flowing through the first inductor. A current sensor coupled to the first inductor can provide a first signal indicative of the current flowing through the first inductor, regardless of whether the switch is on or off. The switch is controlled according to the first signal. A second inductor magnetically coupled to the first inductor is also electrically coupled to the first inductor via a common node between the switch and the first inductor for providing a reference ground for the controller. The reference ground is different from the ground of the driving circuit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1377/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLUID LOSS COMPOSITIONS AND METHODS OF USE FOR SUBTERRANEAN OPERATIONS

(51) International classification	:C08B
(31) Priority Document No	:12/228,011
(32) Priority Date	:08/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2009/001963
Filing Date	:10/08/2009
(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)HALLIBURTON ENERGY SERVICES, INC.

Address of Applicant :HALLIBURTON ENERGY SERVICES, INC. PO BOX 1431, DUNCAN, OK 73536, U.S.A.

(72)**Name of Inventor :**

1)WILSON, STEVE, F.

2)WEAVER, JIMMIE, D.

3)SAVERY, KAREN

(57) Abstract :

Additives that may be useful in preventing fluid loss in certain subterranean formations and associated methods of use are provided. In one embodiment, the methods of the present invention comprise: providing a low molecular weight crosslinkable polymer and a crosslinking agent capable of crosslinking the low molecular weight crosslinkable polymer; and introducing the low molecular weight crosslinkable polymer and the crosslinking agent into at least a portion of a subterranean formation.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1508/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CODING APPARATUS, CODING METHOD, DECODING APPARATUS, DECODING METHOD, AND PROGRAM

(51) International classification	:H03G	(71) Name of Applicant :
(31) Priority Document No	:P2010-126780	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, Japan
(32) Priority Date	:02/06/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SHIRO SUZUKI 2)YUUKI MATSUMURA
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A coding apparatus includes a generation unit configured to generate first coding information used for first coding of a first audio signal and second coding information used for second coding of a second audio signal, and generate third coding information used for the first coding of the second audio signal and fourth coding information used for the second coding of a third audio signal; a first coding unit configured to generate first data and second data; a second coding unit configured to generate third data and fourth data by performing the second coding on the third audio signal; and a multiplexing unit configured to generate a stream of the first audio signal and a stream of the second audio signal. The third data is decoded in place of the second data in a case where a loss or an error has occurred in the stream of the second audio signal.

No. of Pages : 94 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1509/DEL/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:B41N
(31) Priority Document No	:P2010-126798
(32) Priority Date	:02/06/2010
(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)SONY CORPORATION

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

(72)Name of Inventor :

1)KOYURU OKIMOTO

2)YUJI YAMADA

(57) Abstract :

An audio signal processing apparatus includes a signal processing unit, an output unit, a retention unit, and a coefficient setting unit. The signal processing unit is configured to perform signal processing on an audio signal by a digital filter. The output unit is configured to be connected to an external speaker and output the audio signal to the speaker. The retention unit is configured to retain a plurality of filter coefficients that are impulse responses having reverse characteristics of a plurality of speakers having different speaker characteristics. The coefficient setting unit is configured to select one of the filter coefficients that corresponds to the speaker connected to the output unit from the retention unit and set the filter coefficient in the digital filter.

No. of Pages : 69 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.1643/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTI - PIECE VALVE DISK

(51) International classification	:H01R
(31) Priority Document No	:102010030298.8
(32) Priority Date	:21/06/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KRONES AG

Address of Applicant :BOHMERWALDSTRASSE 5 93073
NEUTRAUBLING Germany

(72)Name of Inventor :

1)SAUER, MARTIN

2)WEIMER, DIETER

(57) Abstract :

In a multi-piece valve disk (T, T') of a sliding and/or seat valve (V), a ring seal (R, R') with an elastic sealing ring (17) with an external sealing zone (31) is placed in a ring groove (N) of the valve disk (T, T') onto a dimensionally stable backup ring (16, 16'), where an elastic restoring region (33) effectively positioned between the backup ring (16, 16') and the external sealing zone (31) is arranged in the backup ring (16, 16'), the restoring region (33) is embodied in one piece with the sealing ring (17) of its material adjacent to the external sealing zone (31) of the sealing ring (17). (Fig. 3)

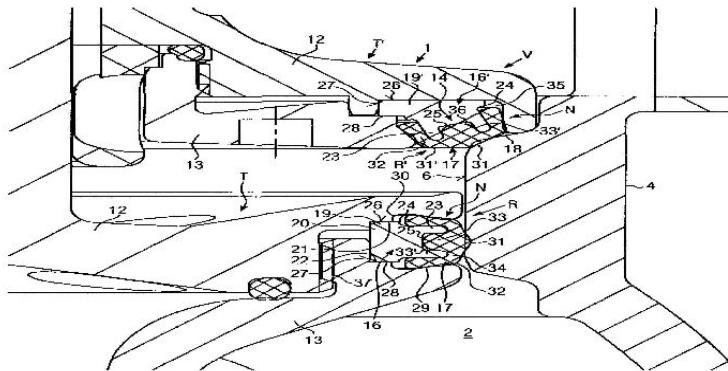


FIG. 3

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2057/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR STRETCH BLOW MOLDING OR BLOW MOLDING AND FILLING STERILE CONTAINERS

(51) International classification	:B65B	(71)Name of Applicant :
(31) Priority Document No	:102009041215.8	1) KRONES AG
(32) Priority Date	:11/09/2009	Address of Applicant :BOHMERWALDSTRASSE 5, 93073
(33) Name of priority country	:Germany	NEUTRAUBLING, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1) ROITHMEIER, STEFAN
(87) International Publication No	:NA	2) HOLLRIEGL, THOMAS
(61) Patent of Addition to Application Number	:NA	3) STOIBER, CHRISTIAN
Filing Date	:NA	4) LAUMER, ROLAND
(62) Divisional to Application Number	:NA	5) BRAUN, FRANZ
Filing Date	:NA	6) SOLLNER, JURGEN

(57) Abstract :

In a method for blow molding and filling sterile containers (T) of preforms (P) in a container treatment device (V) containing a blow module (B), in which the preforms (P) are transferred from a heating device (H) to the blow module via transport devices (3), and the containers (T) are transported to a filling machine and filled, wherein a sterilization treatment is performed each at the preforms (P) and the containers (T), a main sterilization treatment is performed at the preforms (P) between the heating device (H) and the blow module (B), and only a subsequent sterilization treatment is performed at the containers (T) on the transport path to the filling machine (F). The device suited for performing the method comprises a main sterilization module (HS) between the heating device (H) and the blow module (B), and a subsequent sterilization module (NS) between the blow module (B) and the filling machine (F).

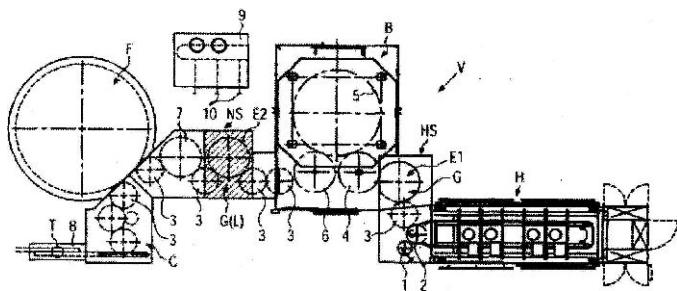


FIG. 1

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/06/2011

(21) Application No.1610/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OPTICAL COMPONENT CALIBRATION SYSTEM FOR LASED-BASED DISPLAY DEVICE

(51) International classification

:G01M

(31) Priority Document No

:12/795,490

(32) Priority Date

:07/06/2010

(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)PRYSM, INC.

Address of Applicant :180 BAYTECH DRIVE, SUITE 110,
SAN JOSE, CALIFORNIA 95134, U.S.A.

(72)Name of Inventor :

1)JAHHAR, ROGER

2)BUTLER, CHRIS

3)TREMAINE, BRIAN

(57) Abstract :

A laser-based display device includes a plurality of ultraviolet lasers configured to excite a phosphor-containing display screen in order to produce visible light. The laser-based display device also includes a reference laser used for calibration operations. A control system within the laser-based display device causes the reference laser beam to scan across one or more calibration features, and adjusts optical components of the laser-based display device, including activation timing of the ultraviolet lasers, based on feedback patterns generated by the calibration features, to compensate for drift effects. The calibration features may be disposed off-screen or on-screen.

No. of Pages : 49 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2011

(21) Application No.1678/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRODE FOR ELECTROLYTIC PRODUCTION OF CHLORINE

(51) International classification

:B03C

(31) Priority Document No

:10 2010

030 293.7

(32) Priority Date

:21/06/2010

(33) Name of priority country

:Germany

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BAYER MATERIALSCIENCE AG

Address of Applicant :51368 LEVERKUSEN, Germany

(72)Name of Inventor :

1)RUYONG CHEN

2)VINH TRIEU

3)HARALD NATTER

4)ROLF HEMPELMANN

5)ANDREAS BULAN

6)JURGEN KINTRUP

7)RAINER WEBER

(57) Abstract :

The present invention relates to an electrode that includes an electrically conducting substrate based on a valve metal having a main proportion of titanium, tantalum or niobium, and an electrocatalytically active coating comprising up to 50 mol% of a noble metal oxide or noble metal oxide mixture and at least 50 mol% of titanium oxide. The coating includes a minimum proportion of oxides of anatase structure determined by a ratio of the signal height of the most intensive anatase reflection in an x-ray diffractogram (CUKA radiation) after subtraction of a linear background to the signal height of the most intensive rutile reflection in the same diffractogram, wherein the ratio is at least 0.6.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.1727/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ROTOR/SHAFT PIN COUPLING ASSEMBLY FOR PEDAL ASSEMBLY

(51) International classification

:F03D9/02

(31) Priority Document No

:61/357,257

(32) Priority Date

:22/06/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

An assembly for coupling the rotor of a vehicle pedal assembly to the shaft of a vehicle pedal assembly. The rotor includes a cap which is fitted over a distal end of the shaft. The cap and the distal end of the shaft define a through aperture and an interior recess respectively. A coupling pin extends through the aperture in the cap of the rotor and into the recess in the shaft and includes a knurled outer surface which allows the pin to be interference fitted to the rotor and the shaft for securely coupling the rotor to the shaft.

No. of Pages : 18 No. of Claims : 15

(71)Name of Applicant :

1)CTS CORPORATION

Address of Applicant :905 WEST BOULEVARD NORTH,
ELKHART, INDIANA 46514 U.S.A.

(72)Name of Inventor :

1)CRITES DEREK L.

2)BABIN BRIAN G.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.1729/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : 'FLUFF BINDING DEVICE, TENSION APPLYING UNIT, AND AUTOMATIC WINDER

(51) International classification	:F03D9/01	(71) Name of Applicant :
(31) Priority Document No	:2010-159920	1)MURATA MACHINERY, LTD.
(32) Priority Date	:14/07/2010	Address of Applicant :3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326,
(33) Name of priority country	:Japan	Japan
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)OKUGAWA SHOTARO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MORIMOTO TAKASHI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fluff binding device (16) includes a fluff binding roller (45), and a yarn guide mechanism. The fluff binding roller (45) is arranged so that an axis line is oblique with respect to a yarn traveling path and so as to be rotatable with the axis line as a center. The yarn guide mechanism brings a spun yarn (20) into contact with one part of an outer peripheral surface of the fluff binding roller (45).

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.1789/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SELECTIVE HYDROGENATION OF DIENES IN THE MANUFACTURE OF MLAB

(51) International classification

:C07C

(31) Priority Document No

:12/563,591

(32) Priority Date

:21/09/2009

(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)UOP LLC

Address of Applicant :25 EAST ALGONQUIN ROAD, P.O.
BOX 5017, DES PLAINES, ILLINOIS 60017-5017, UNITED
STATES OF AMERICA

(72)Name of Inventor :

1)RILEY, MARK GARNER

2)GLOVER, BRYAN KENT

(57) Abstract :

A process and catalyst are presented for the selective hydrogenation of branched diolefins and acetylenes to olefins. The process uses a catalyst having large pores, and a minimal amount of micropores. The catalyst is designed to have minimal diffusional resistance through the large pores, and to minimize the hydrogenation of olefins to paraffins.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2063/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD TO IMPROVE GERMINATION OF EMBRYOS FROM MANUFACTURED SEED

(51) International classification	:A01C	(71) Name of Applicant :
(31) Priority Document No	:61/247,354	1)WEYERHAEUSER NR COMPANY
(32) Priority Date	:30/09/2009	Address of Applicant :33663 WEYERHAEUSER WAY S, FEDERAL WAY, WA 98003, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)JEFFREY E. HARTLE
Filing Date	:NA	2)WILLIAM C. CARLSON
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides methods for improving germination of manufactured seeds. The manufactured seed of the invention comprises a seed coat, nutritive media comprising an adsorbent material in a concentration from about 30 g/L to about 100 g/L, and a shoot restraint comprising a cavity. The manufactured seed further comprises a plant embryo. The adsorbent material may be nutrient-treated or non-nutrient-treated charcoal. The manufactured seed may optionally contain an adsorbent material in the cavity of the shoot restraint.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2010

(21) Application No.1752/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOTOR ASSEMBLY WITH A THERMALLY CONDUCTIVE BRIDGING MEMBER

(51) International classification	:H02K
(31) Priority Document No	:098125537
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Taiwan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JOY RIDE TECHNOLOGY CO., LTD.

Address of Applicant :NO. 20, NAN KANG 3RD ROAD,
NANTOU CITY, NANTOU COUNTY, TAIWAN

2)CHIA-WEN RUAN

(72)Name of Inventor :

1)RONG-JONG OWNG

2)CHIA-WEN RUAN

3)YI-TANG WEI

4)MING-CHEN LIAO

(57) Abstract :

A motor assembly includes a housing (2), a revolving shaft (11) revolvably mounted in the housing (2), a magnet mounting portion (13) surrounding and rotatable with the revolving shaft (11), a magnet (12) disposed on the magnet mounting portion (13), a magnetically inducible core (31) having a plurality of stator poles (32) spaced apart from rotor magnetic poles of the magnet (12), and a plurality of stator windings (33) wound on the stator poles (32), respectively. The stator windings (33) are spaced apart from end walls (23,24) of the housing (2) by axial intervals (34,35). A thermally conductive bridging member (4) is disposed to span the axial intervals (34,35) to conduct heat emanating from the stator windings (33) to the end walls (23,24) so as to dissipate heat out of the housing (2).

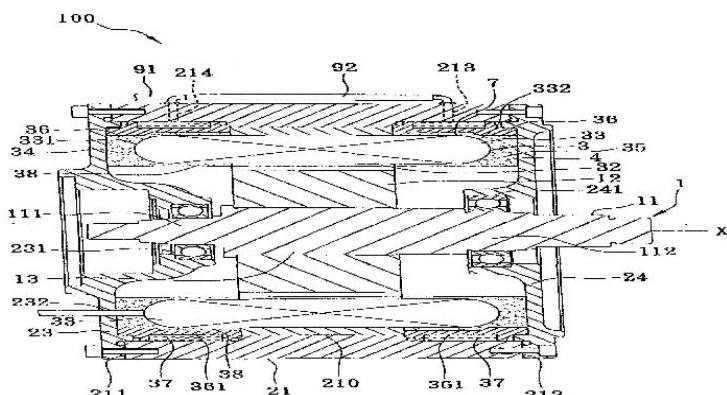


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1752/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINATION OF ATTITUDE FOR PROJECTILE.

(51) International classification	:G06M	(71) Name of Applicant :
(31) Priority Document No	:61/357,381	1)BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRATION INC.
(32) Priority Date	:22/06/2010	Address of Applicant :P.O. BOX 868 NHQ1-719 NASHUA, NH 03061-0868 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)FREY, JR., ROBERT D.
Filing Date	:NA	
(87) 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 is a system for determination of attitude for a projectile in flight. The system includes at least one antenna mounted on the projectile. Each antenna is configured to receive Global Positioning System (GPS) signals. Further, the system includes a signal receiving unit communicably coupled to the each antenna to receive the GPS signals and to ascertain the earth referenced velocity vector. The system also includes a plurality of magnetometers for ascertaining a projectile referenced earth's magnetic field vector. Moreover, the system includes a processing unit. The processing unit is configured to utilize a known projectile referenced velocity vector and a stored prediction of the earth referenced earth's magnetic field vector along with the measured earth referenced velocity vector and the measured projectile referenced earth's magnetic field vector to determine the attitude of the projectile. Further disclosed is a method for determination of attitude for a projectile in flight.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2045/DEL/2010 A

(43) Publication Date : 27/09/2013

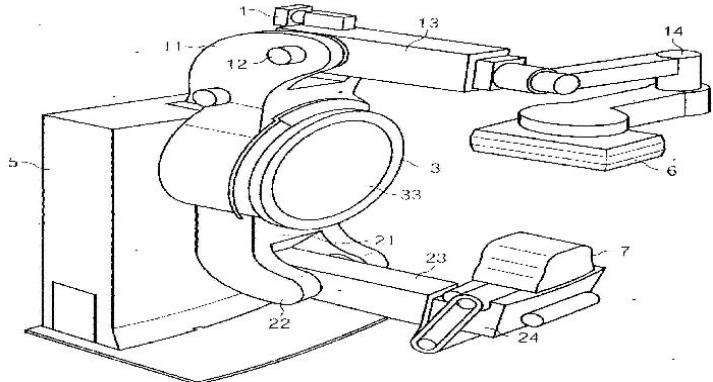
(54) Title of the invention : AN APPARATUS FOR MEDICAL EXAMINATIONS

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:10 2009	1)SIEMENS AKTIENGESELLSCHAFT
	041 172.0	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(32) Priority Date	:11/09/2009	MUNCHEN, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)FADLER; FRANZ
Filing Date	:NA	2)HORNUNG; OLIVER
(87) 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 :

Apparatus for the flexible positioning of the radiation source and radiation detector for medical imaging. The invention relates to an apparatus for medical examinations, with a first arm (1) which can be rotated about an axis, said arm being embodied to carry a radiation source (7) or radiation detector (6), and a second arm (2) which can be rotated about the axis, said arm (2) being embodied to carry a radiation source (7) or a radiation detector (6). Here the second arm (2) is attached to the first arm (1) and can be rotated relative to the first arm (1). The invention allows trajectories to be passed through in a simple fashion for the recording of image sequences.

FIG. 4



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2010

(21) Application No.2098/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SAMPLING METHOD AND DEVICE FOR THE MICROBIOLOGICAL ANALYSIS OF A SURFACE

(51) International classification	:C12M
(31) Priority Document No	:0956019
(32) Priority Date	:03/09/2009
(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)MILLIPORE CORPORATION

Address of Applicant :290 CONCORD ROAD, BILLERICA,
MASSACHUSETTS 01821, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)NOLWENN STEPHAN

(57) Abstract :

The method comprises the step of applying a substance (7) to the surface to analyze (45), which has an affinity with microorganisms and which is adapted to be cultured to identify and count the microorganisms which were transferred during said applying step; which substance is a microporous membrane (7) for microbiological analysis, of hydrophilic synthetic material, made humid at least at the end of the applying step with an aqueous liquid such as water or saline solution. The device comprises a substance (7) having an affinity with microorganisms which may be present on a surface (45), means for humidifying (6) said substance (7) with an aqueous liquid such as water or saline solution and means (12) for applying said substance (7) to said surface (45), said substance being a microporous membrane (7) for microbiological analysis, of hydrophilic synthetic material.

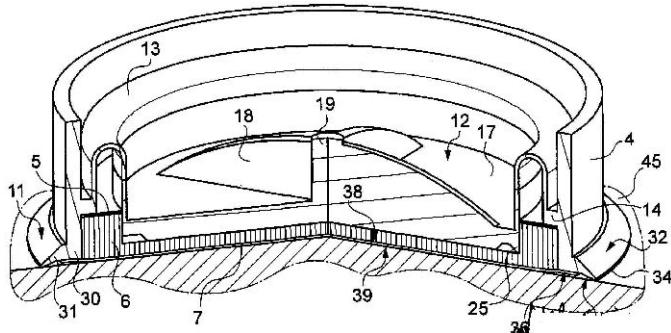


Fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1879/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONCENTRATED PHOTOVOLTAIC SYSTEM MODULES USING III-V SEMICONDUCTOR SOLAR CELLS

(51) International classification

:H01L

(31) Priority Document No

:12/582,047

(32) Priority Date

:20/10/2009

(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

(71)Name of Applicant :

1)EMCORE SOLAR POWER, INC.,

Address of Applicant :10420 RESEARCH ROAD SE,
ALBUQUERQUE, NM 87123, U.S.A.

(72)Name of Inventor :

1)SUNIL VAID

2)MIKHAIL KATS

3)GARY HERING

4)PHILIP BLUMENFELD

5)DAMIEN BUIE

6)JOHN NAGYVARY

7)JAMES FORESI

8)PETER ALLEN ZAWADZKI

(57) Abstract :

A solar cell module for use in a concentrating photovoltaic system including a housing with a first side and an opposing spaced-apart second side, a plurality of lenses on the first side of the housing; and a plurality of solar cell receivers on the second side of the housing, each of the plurality of solar cell receivers being disposed in an optical path of one of the plurality of lenses. Each of the receivers include at least one optical element positioned above a III-V compound semiconductor multijunction solar cell, a bypass diode coupled in parallel with the solar cell, and a heat sink positioned below the solar cell and thermally coupled to the solar cell.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2046/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONCRETE TOWER

(51) International classification

:E04C

(31) Priority Document No

:EP09014913

(32) Priority Date

:01/12/2009

(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

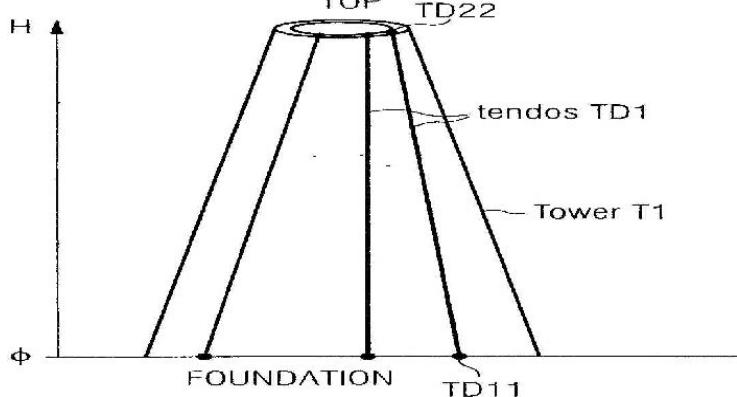
(72)Name of Inventor :

1)STIESDAL; HENRIK

(57) Abstract :

The invention relates to a concrete tower, especially to a concrete tower for a wind turbine. The compressive strength of the concrete is changed in dependency of the height of the tower.

FIG 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2047/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ARRANGEMENT WITH A NACELLE AND A RADIATOR ARRANGEMENT

(51) International classification

:F03D

(31) Priority Document No

:EP09014633

(32) Priority Date

:24/11/2009

(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

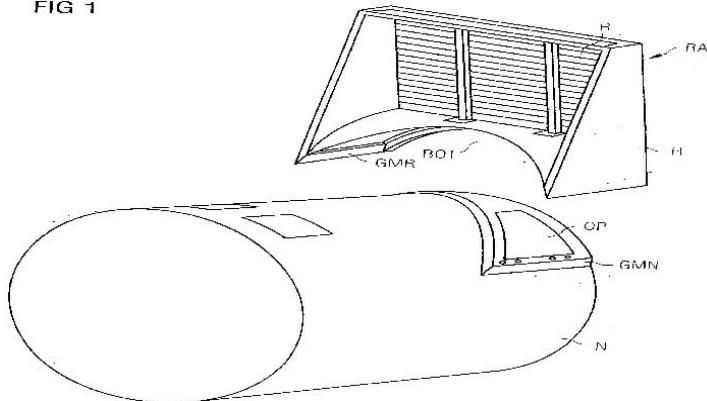
(72)Name of Inventor :

1)MUNK-HANSEN; THORKIL

(57) Abstract :

The invention relates to an arrangement with a nacelle and a radiator arrangement of a wind turbine. The radiator arrangement contains a guiding assembly. The nacelle contains a-guiding assembly, too. The guiding assembly of the radiator is positioned and constructed in a way that it interacts with the guiding assembly of the nacelle, thus the lifted radiator arrangement is passed to its final position on top of the nacelle by the engaged guiding assemblies.

FIG 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.2047/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SELF-CLEANING FILTER AND METHOD

(51) International classification	:F17B
(31) Priority Document No	:EP11164176.7
(32) Priority Date	:28/04/2011
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FALMER INVESTMENTS LTD.

Address of Applicant :3RD FLOOR, OMAR HODGE BUILDING, WICKHAMS CAYI, P.O. BOX 362, ROAD TOWN, TORTOLA, BRITISH VIRGIN ISLANDS U.K.

(72)Name of Inventor :

1)DR. TSUI TAK MING. WILLIAM

(57) Abstract :

A filter with hinged scraping blade(s) for a dyeing machine comprises a container housing a filter plate with perforations to be aligned across the flow path of a dye liquor, while at least one or multiple hinged scraping blades, installed with respect to the filter plate and driven by a main shaft, is set to scrape across the perforated region of the filter plate. The scraping knife may flip according to situations where retentate is accumulated to get rid of it. There may also be a fluid inlet, a permeate outlet and a retentate outlet in connection to the flow path in a dyeing machine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2048/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF TRANSPORTATION FOR WIND TURBINE TOWER

(51) International classification	:F03D
(31) Priority Document No	:EP10000418
(32) Priority Date	:18/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

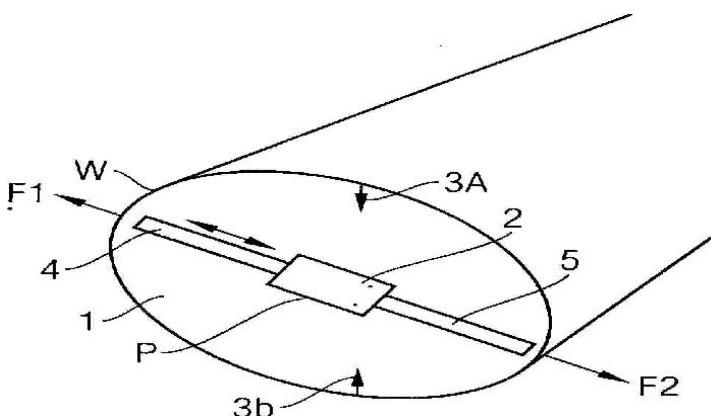
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, Germany

(72)Name of Inventor :

1)STIESDAL; HENRIK

(57) Abstract :

The present invention relates to a method of transportation for a wind turbine tower. According to the invention the longitudinal axis of the segment is substantially aligned horizontally during the transport. The tower segment is deformed in its cross section during the transport by a force, which is applied to the wall of the tower segment.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2010

(21) Application No.2099/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONVEYOR BELT

(51) International classification	:B41M
(31) Priority Document No	:102009040773.1
(32) Priority Date	:09/09/2009
(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 :BHMERWALDSTRASSE 5, 93073
NEUTRAUBLING, Germany

(72)Name of Inventor :

1)KRAUSE, HANS-JOACHIM

(57) Abstract :

A conveyor belt is described, in particular for a pasteuriser, with a conveyor surface and with support rollers, which are arranged beneath the conveyor surface and support it on a carrier. In order to improve the protection of the conveyor belt against glass breakage without having to significantly increase the drive power, it is suggested that the conveyor surface is formed from metal.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/04/2011

(21) Application No.1133/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD AND DEVICE FOR DETECTION OF ANTI-TRANSGLUTAMINASE ANTIBODIES

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :P.O. BOX 10504, ARUNA ASAFA LI MARG, NEW DELHI-110 067 India
(33) Name of priority country	:NA	2)ALL INDIA INSTITUTE OF MEDICAL SCIENCES
(86) International Application No	:NA	3)TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DR. SHINJINI BHATNAGAR
(61) Patent of Addition to Application Number	:NA	2)DR. NAVIN KHANNA
Filing Date	:NA	3)DR. UMA CHANDRA MOULI NATCHU
(62) Divisional to Application Number	:NA	4)DR. NITYA WADHWA
Filing Date	:NA	5)DR. SIDDARTH DATTA GUPTA
		6)MS. SAVITA SAINI
		7)MS. MEENA PAL
		8)MS. POORNIMA TYAGI

(57) Abstract :

The present invention relates to a method for diagnosing celiac disease by measuring IgG or IgA or IgM autoantibodies against Tissue Transglutaminase tTG in the serum or plasma of the patient. The assay is carried out on the patient sample using recombinant tTG as antigen and the autoantibodies present in the sample thus forms the antigen-antibody complex. The complex is further detected indicating the diseased condition of the patient. The invention also provides the device or kit for the detection of anti-Tissue Transglutaminase tTG antibodies in the patient's sample. The kit/device shows close to 100% sensitivity and simultaneously is inexpensive, easy to produce, making the kit easily available at low price to the general public and thus the entire process of detection is made affordable.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2010

(21) Application No.1746/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF MANUFACTURING OPTICAL FIBER PREFORM USING PLASMA TORCH

(51) International classification	:G02B	(71) Name of Applicant :
(31) Priority Document No	:2009-173975	1)SHIN-ETSU CHEMICAL CO., LTD. Address of Applicant :6-1, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-0004, Japan
(32) Priority Date	:27/07/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)TETSUYA OTOSAKA
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of manufacturing an optical fiber preform by depositing glass fine particles onto a surface of a glass rod while the glass rod is reciprocated relative to a plasma torch, including: moving the glass rod in a first direction relative to the plasma torch while the plasma torch is applied to the glass rod and supplied at least with a dopant material and a glass material to deposit the glass fine particles onto the surface of the glass rod, in such a manner that a plasma power is set higher during a first time interval starting from a beginning of the movement of the glass rod in the first direction than during a second time interval starting from an end of the first time interval; and moving the glass rod in a second direction relative to the plasma torch, where the second direction is opposite to the first direction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1915/DEL/2010 A

(43) Publication Date : 27/09/2013

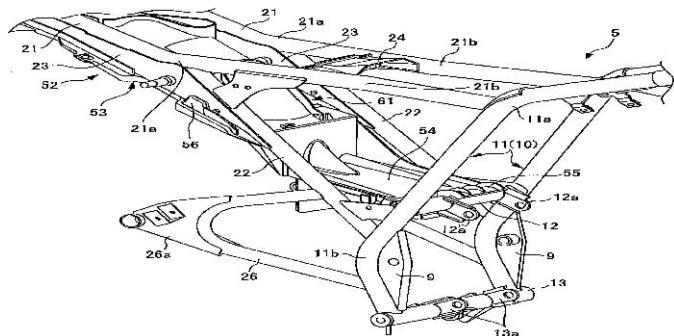
(54) Title of the invention : MOTORCYCLE

(51) International classification	:B62H	(71)Name of Applicant :
(31) Priority Document No	:2009-225229	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:29/09/2009	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)TETSUHITO YOKOMORI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention aims at providing a motorcycle that is capable of minimizing the number of components for fixing the rear fender to the body frame. [Means for Solving Problem] In a motorcycle provided with a body frame 5 which has a twin frame portion 10 comprising a left-and-right pair of frames 11, 11 and a seat rail 21 arranged below a passenger seat 38 and; a swing arm 8 suspended swingably in the center of the body frame in the front-and-rear direction and supporting a rear wheel 7 rotatably; a pivot portion 9 formed on the body frame and axially supporting the swing arm; and a rear fender 52 arranged above the rear wheel as well as below the seat rail 21 so as to cover the upper side of the rear wheel and at least partially-fixed to the seat rail 21, the body frame 5 has a cross member 12 which connects the pair of frames 11, 11 forming the twin frame portion 10 in the right-and-left direction; and the rear fender has a engaging portion 55 which is formed on the front end portion of the rear fender and is engaged to the cross member 12.

Fig. 4



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2010

(21) Application No.2102/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REFRIGERANT INJECTION DEVICE FOR REFRIGERANT DESTRUCTION FACILITY

(51) International classification

:F25B

(31) Priority Document No

:10-2009-

0091452

(32) Priority Date

:28/09/2009

:Republic

(33) Name of priority country

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)HYUNDAI MOTOR-COMPANY

Address of Applicant :231 YANGJAE-DONG, SEOCHO-KU,
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2)LS-NIKKO COOPER INC

(72)Name of Inventor :

1)JUNG DAE SUNG

2)KIM HAN SEOK

3)YIM HEE JEONG

4)YOO TEA WOOK

5)KIM JAE KEUN

6)KIM DAE JUN

7)KIM JOON HAENG

8)KIM JAE SOB

(57) Abstract :

Featured is a refrigerant injection device which is particularly suitable for use in a refrigerant destruction facility using an incinerator. Such an injection device includes a storage device which stores the refrigerant and a decompressor fluidly coupled to the storage device. The injection device further includes two flow meters and a cutoff-valve that are fluidly coupled to the decompressor. The cutoff valve is configured to cut off the injection of refrigerant. The injection device further includes bypass flow members that are fluidly coupled to the two flow meters. The bypass flow members and flow meters are configured and arranged to selectively measure the flow rate and to perform flow meter calibration without stopping the feeding of refrigerant to the injection device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2026/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GRAPHICAL USER INTERFACE SYSTEM FOR A LOG ANALYZER

(51) International classification	:G06F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNISYS CORPORATION

Address of Applicant :801 LAKEVIEW DRIVE, SUITE 100,
BLUE BELL, PA 19422, U.S.A.

(72)Name of Inventor :

1)SESHADRI RAJAMANNAR

2)RAGHAVENDRA MARUTIRAO BANAPPANAVAR

3)KUMAR SWAMY B.V

(57) Abstract :

A graphical user interface system (200) for a log analyzer (100) having an input module (202-218), an output module (240-242), a merge module (244), and an export module (256). The input module (202 and 204) selects one or more log files, and the output module (240 and 242) displays the selected log files for analysis. The merge module (244) performs time normalization for two or more log files from the selected log files, and merges the normalized log files. The export module (256) can then export the merged log files.

No. of Pages : 31 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2027/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SHELL-AND-TUBE HEAT EXCHANGER

(51) International classification	:F28F
(31) Priority Document No	:102009040558.5
(32) Priority Date	:08/09/2009
(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 :B–HMERWALDSTRASSE 5, 93073
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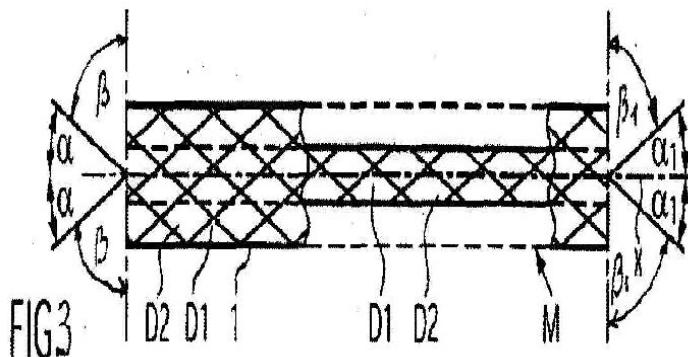
(72)Name of Inventor :

1)FEILNER, ROLAND

2)ZACHARIAS, JORG

(57) Abstract :

In a shell-and-tube heat exchanger (W) for the treatment of juices and juice-type foodstuff products with medium to high viscosity, with at least one jacket tube (1) containing at least one inner tube (2), whereby the inner tube (2) and / or the jacket tube (1) is or are formed as a swirl tube with multi-start spirals running like a thread at an angle ($\hat{\imath} \pm, \hat{l} \pm 1$) to the tube axis (X), a crossed and twisted tube with crossing spirals (D1, D2) at least essentially symmetrical to the tube axis, each with an angle of incidence ($\hat{\imath} \pm, \hat{l} \pm 1$) between 67° and 72° to the tube axis (X), i.e. with an angle of twist (β_1 , β_2) of 23° to 18° to the tube axis, is used as an inner and / or outer tube (1,2). The spiral depth (T) is about 0.8 mm to 1.2 mm. (Fig. 3)



No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2079/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HEAT EXCHANGER HAVING FLOW DIVERTER AND METHOD OF OPERATING THE SAME

(51) International classification	:F28F	(71) Name of Applicant :
(31) Priority Document No	:61/239,916	1)MODINE MANUFACTURING COMPANY
(32) Priority Date	:04/09/2009	Address of Applicant :1500 DEKOVEN AVENUE RACINE, WI 53403-2552 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)VAUGHN, JAMES J.
Filing Date	:NA	2)NINO, VICTOR G.
(87) 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 heat exchanger including a tank with first and second ends defining a length and a cross-sectional area transverse to the length. An inlet orifice defined at the first end through which fluid flows in a first direction into the tank, the inlet orifice having a cross-sectional area transverse to the first direction. A voluminous region defined by boundaries which extend generally linearly from the circumference of the cross-sectional area of the inlet orifice to the circumference of the cross-sectional area of the tank. A plurality of conduits providing an outlet for fluid flow from the tank in a second flow direction at a non-parallel angle to the first flow direction. A flow diverter positioned within the voluminous region to direct a portion of fluid flow out of the region and distribute the total volume of fluid flow from the inlet substantially uniformly between the plurality of conduits.

No. of Pages : 25 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2010

(21) Application No.2127/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN AUTOMATIC HIGH-SPEED CUTTING & SEWING DEVICE WITH LAYERING CONVEY

(51) International classification	:D05B
(31) Priority Document No	:200910192759.3
(32) Priority Date	:26/09/2009
(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

(71)Name of Applicant :

1)CHEN, HONGQI

Address of Applicant :NO. 8, ER ZHI LANE, CHANG XIA VILLAGE EAST, SHAN TOU CITY, GUANG DONG PROVINCE, CHINA 515041

(72)Name of Inventor :

1)CHEN, HONGQI

(57) Abstract :

An automatic high-speed cutting & sewing device with layering convey. This invention is to solve the problem lies in existing automatic cutting & sewing devices whose work efficiency is improved through dividing operation, that it requires for horizontally removing a bag from the bearing mechanism before conveying the next bag into the bearing mechanism, which may cause failure of improving operation efficiency in multiples. Key points of technical solution: the invention contains a frame and one rolled-bag vertical convey mechanism, one cutting mechanism, one swing divider, two or more rear vertical convey mechanisms, two or more horizontal convey mechanisms and two or more automatic sewing machines on the support; each rear vertical convey mechanism is layered, and the swing divider located behind the cutting mechanism cooperates with each rear vertical convey mechanism through swinging and changing conveying angels. A gauge can be set at the rear end of the rear vertical convey mechanism.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1753/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ADJUSTING THE YAW OF A NACELLE OF A WIND ENERGY SYSTEM

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/825,415	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:29/06/2010	Address of Applicant :1, RIVER ROAD, SCHENECTADY, NEW YOUK 12345 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)SCHOLTE-WASSINK HARTMUT ANDREAS
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure relates to a hydraulic pressure system (200) for providing fluid pressure to actuate at least one hydraulic yaw motor (444) for adjusting the yaw of a nacelle (110) of a wind energy system (100) independently of electrical power. The hydraulic pressure system includes a connection portion (210) connectable to a main drive train of the wind energy system, the main drive train transmitting kinetic energy generated by wind energy. The hydraulic pressure system is adapted to be driven by the kinetic energy of the main drive train via the connection portion to provide the fluid pressure. The present disclosure further relates to a hydraulic yaw adjustment system for adjusting the yaw of a nacelle of a wind energy system independently of electrical power, the hydraulic yaw adjustment system including the hydraulic pressure system. The present disclosure further relates to a wind energy system including the hydraulic yaw adjustment system, to a non-electrical control system (220), and to a method of adjusting the yaw of the nacelle of the wind energy system independently of electrical power.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1754/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : THREAD DRAW-OFF NOZZLE

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:10 2010 030 536.7	1)RIETER INGOLSTADT GMBH Address of Applicant :FRIEDRICH-EBERT-STRÆ 84, 85055 INGOLSTADT GERMANY.
(32) Priority Date	:25/06/2010	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)JOSEF SCHERMER 2)EDMUND SCHULLER
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 thread draw-off nozzle (1) for an open-end spinning device with a draw-off nozzle funnel (6) that contains a yarn deflection zone (3) for deflecting a yarn (5) produced during the yarn draw-off process. The draw-off nozzle funnel (6) has a two-part design, an external part (6a) containing a first area (3a) of the yarn deflection zone (3) and an internal part (6b) containing a second area (3b) of the yarn deflection zone (3). Both parts (6a, 6b) are made of different materials and/or have different coatings at least in the areas (3a, 3b) of the yarn deflection zone (3) or only one of the two parts (6a, 6b) has a coating.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

(21) Application No.1860/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MTO FEED PURIFICATION

(51) International classification

:C07C

(31) Priority Document No

:12/637,243

(32) Priority Date

:14/12/2009

(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)UOP LLC

Address of Applicant :25 EAST ALGONQUIN ROAD, P.O.
BOX 5017, DES PLAINES, ILLINOIS 60017-5017, UNITED
STATES OF AMERICA

(72)Name of Inventor :

1)MONTALBANO, JOSEPH A.

(57) Abstract :

A process is presented for improving the quality of an oxygenate feedstream to an oxygenate to olefins conversion reactor. The process includes passing the feedstream to a fractionation column having a sufficient number of trays to remove the sodium in the form of sodium hydroxide. The fractionation column is also sized to have a sufficient number of trays to minimize the amount of oxygenates being passed out with the removed sodium hydroxide.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2120/DEL/2010 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:2009-208269	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001 JAPAN.
(32) Priority Date	:09/09/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YUTAKA IINO 2)YASUHIRO TAGUCHI 3)DAI MURAYAMA
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

According to one embodiment, an energy management system includes an energy supply device and an energy demand device. The energy management system comprises a first device, a second device, storage sections, calculating sections. The first device is applied for the energy supply device. The second device is applied for the energy demand device. The storage sections are included in the first device and the second device, respectively, and store a condition as to comply with an adjustment request of energy supplied from the energy supply device to the energy demand device. The calculating sections are included in the first device and the second device, respectively, and cooperate to execute negotiation function calculating an energy adjustment amount satisfying the condition.

No. of Pages : 97 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.1651/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WING FOR A COMMERCIAL VEHICLE

(51) International classification

:B61G

(31) Priority Document No

:10 2010

(32) Priority Date

024 409.0

(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)MAN TRUCK & BUS AG

Address of Applicant :DACHAUER STRASSE 667, D -
80995 MUNCHEN, Germany

(72)Name of Inventor :

1)KRAUS, ALFONS

2)MENRATH, PETRA

3)ALBERTSHOFER, GUNTER

(57) Abstract :

A wing (4) for a commercial vehicle, which wing, with a concavity (22) adapted to the shape of the tyre, ends in sections (5; 6) directed downwards to the roadway. A stowage space (20) with an opening (23), which space is intended for receiving a wheel chock (11; 15; 16), is arranged on the outside (8) of the concavity (22). [Fig. 1]

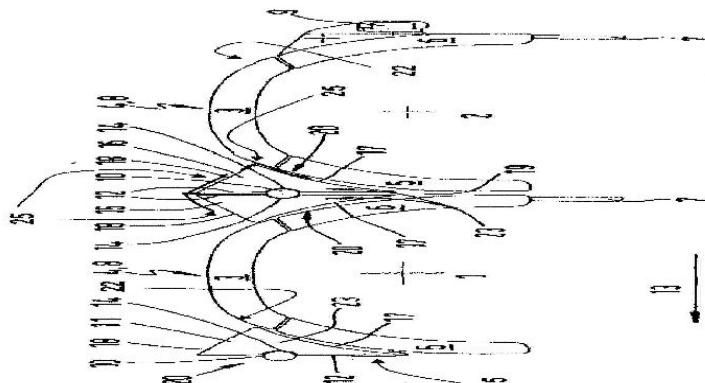


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2010

(21) Application No.1756/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TREATMENT OF ORNAMENTAL PLANTS

(51) International classification

:A01N

(31) Priority Document No

:61/273,583

(32) Priority Date

:06/08/2009

(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)ROHM AND HAAS COMPANY

Address of Applicant :100 INDEPENDENCE MALL WEST,
PHILADELPHIA, PENNSYLVANIA 19106-2399, U.S.A.

(72)Name of Inventor :

1)JAMES DALY

2)GARRY LEGNANI

3)DEIDRE MARGARET HOLCROFT

4)ANIL P. RANWALA

(57) Abstract :

In a first aspect of the present invention, there is provided a method of treating ornamental plants comprising contacting said plants with a liquid composition comprising of one or more cyclopropene compound, wherein the concentration of the total of all of said one or more cyclopropene compound is 0.3 to 300 milligrams of cyclopropene compound per liter of said liquid composition.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2010

(21) Application No.1757/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRODE AND ELECTRODE COATING

(51) International classification	:C02F
(31) Priority Document No	:10 2009 035546.4
(32) Priority Date	:31/07/2009
(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)ANDREAS BULAN

2)NORBERT SCHMITZ

(57) Abstract :

The invention describes an electrode and an electrode coating which are based on a catalyst containing finely divided carbon modifications and noble metal (oxide)s.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2010

(21) Application No.1758/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BACK DRAFT DAMPER

(51) International classification	:F24F	(71) Name of Applicant :
(31) Priority Document No	:12/462,172	1)HUNTAIR, INC.
(32) Priority Date	:29/07/2009	Address of Applicant :11555 SW MYSLONY ST, TUALATIN, OR 97062, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)LARRY HOPKINS
Filing Date	:NA	2)EMILY JONES
(87) International Publication No	:NA	3)ALBERT PASSADORE
(61) Patent of Addition to Application Number	:NA	4)DAVID BENSON
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A damper is provided. The damper includes a frame having a central opening through which air passes. A plurality of vanes are rotatably mounted within the frame. At least one of the vanes is oriented about a rotational axis that is offset at a non-orthogonal angle with respect to one of a horizontal and vertical axis.

No. of Pages : 41 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1868/DEL/2010 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:H01L	(71) Name of Applicant :
(31) Priority Document No	:2009-186518	1)UNISANTIS ELECTRONICS (JAPAN) LTD.
(32) Priority Date	:11/08/2009	Address of Applicant :2ND FLOOR, FUJI-LIGHT SHINKAWA BUILDING, 22-11, SHINKAWA 1-CHOME, CHUO-KU, TOKYO 104-0033 JAPAN.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)MASUOKA FUJIO
Filing Date	:NA	2)NAKAMURA HIROKI
(87) 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 object to provide a semiconductor device comprising a highly-integrated SGT-based CMOS inverter circuit is achieved by forming an inverter which comprises: a first transistor including; an first island-shaped semiconductor layer; a first gate insulating film; a gate electrode; a first first-conductive-type high-concentration semiconductor layer arranged above the first island-shaped semiconductor layer; and a second first-conductive-type high-concentration semiconductor layer arranged below the first island-shaped semiconductor layer, and a second transistor including; a second gate insulating film surrounding a part of the periphery of the gate electrode; a second semiconductor layer in contact with a part of the periphery of the second gate insulating film; a first second-conductive-type high-concentration semiconductor layer arranged above the second semiconductor layer; and a second second-conductive-type high-concentration semiconductor layer arranged below the second semiconductor layer.

No. of Pages : 99 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/09/2010

(21) Application No.2215/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED LED SOLAR STREET LIGHTING SYSTEM FOR PROVIDING LIGHTS ON THE ROADS IN THE NIGHT.

(51) International classification	:H01L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)NETRA PAL JAIN

Address of Applicant :S/O SH. H.C.JAIN, 15/3, WEST PATEL NAGAR, NEW DELHI-110008 India

2)NALIN JAIN

(72)**Name of Inventor :**

1)NETRA PAL JAIN

2)NALIN JAIN

(57) Abstract :

This invention relates to an improved LED Solar Street Lighting System for providing lights on the roads in the night comprising of a photovoltaic panel which converts sunlight into direct current to be stored in a specially designed suitable battery to operate the LED light directly without any Electronic Circuit, a LED lighting assembly which converts the direct current supplied by the battery into the light for projecting it on the road and an Electronic Switching system to operate the light when ambient light level is insufficient for the roads in which a plurality of Light Weight and Low Capacity Batteries are connected in Parallel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.2158/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR THE POST COMBUSTION OF HOT MATERIAL ON A CONVEYOR

(51) International classification

:F04D

(31) Priority Document No

:10 2010

033307.7

(32) Priority Date

:04/08/2010

(33) Name of priority country

:Germany

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CLYDE BERGEMANN DRYCON GmbH

Address of Applicant :SCHILLWIESE 20,46485 WESEL

(DE) Germany

(72)Name of Inventor :

1)RUEDA, RAFAEL MORENO

(57) Abstract :

Apparatus (1) for the conveyance of hot material (2) out of at least one combustion boiler (3), having at least one conveyor (4) for conveying the hot material (2) from a material reception region (5) of the at least one conveyor (4) from a material delivery space (6) of the at least one conveyor (4) along a conveying section (7) and at least one housing (13) surrounding the at least one conveyor (4), at least one oxidant feed (23) being arranged in or on the at least one housing (13) along the conveying section (7) at a distance from the material delivery space (6). Figure 1

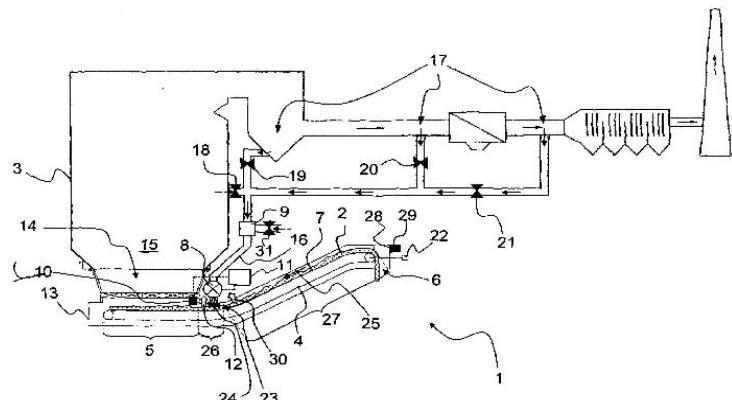


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.2159/DEL/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:F04D	(71) Name of Applicant :
(31) Priority Document No	:10 2010 032 866.9	1)PROFIL VERBINDUNGSTECHNIK GmbH & CO. KG Address of Applicant :OTTO-HAHN-STRASSE 22-24, 61381
(32) Priority Date	:30/07/2010	FRIEDRICHSDORF, Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)BABEJ, JIRI
Filing Date	:NA	2)SOWA, CHRISTIAN
(87) International Publication No	:NA	3)HUMPERT, DR. RICHARD
(61) Patent of Addition to Application Number	:NA	4)VIETH, MICHAEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A self-piercing nut element having a strength in the range between 700 and 900 MPa is described which is designed for press fitting into a sheet metal part (40). The nut element is characterized in that the nut element is designed, for the self-piercing attachment of the nut element into a higher strength sheet metal part, such that the piercing section merges directly into the sheet metal contact surface and such that the piercing section has a piercing edge at its free end face, with the piercing edge being spaced apart from the sheet metal contact surface by a peripheral surface having an axial height which corresponds to at least 30%, and preferably at least 50%, of the sheet metal thickness, with the radial wall thickness of the piercing section in the region of its free end face from the outer side up to the nominal diameter of the thread corresponding to a thickness between 1.2 times, to 1.8 times, and preferably 1.5 times, the provided sheet metal thickness.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2218/DEL/2010 A

(43) Publication Date : 27/09/2013

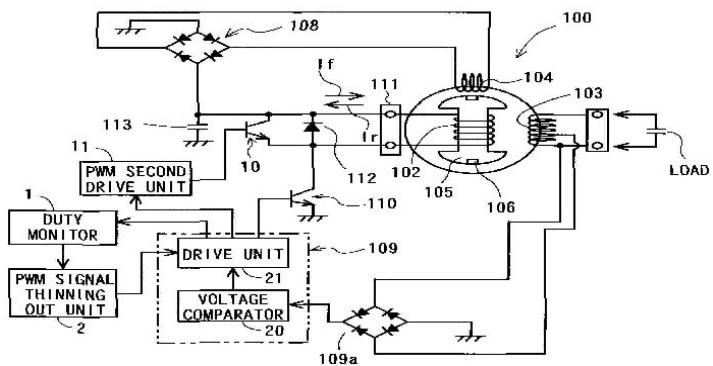
(54) Title of the invention : OUTPUT CONTROL APPARATUS OF GENERATOR

(51) International classification	:H02M	(71)Name of Applicant :
(31) Priority Document No	:2009-249060	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:29/10/2009	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KENJI KAMIMURA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An excitation winding (104) and a field winding (102) are provided. A smoothing capacitor (113) smoothes a current of the excitation winding (104) and inputs it to the field winding (102). A transistor (110) is driven to control an output of the generator winding (103). A diode (112) prevents a field current from flowing in a reverse direction. A transistor (10) connected to the diode (112) is driven in a phase reverse to a phase of a drive signal of the transistor (110). A duty monitor 1 determines whether a duty ratio of the drive signal of the transistor (110) is larger than a reference duty ratio, and when the duty monitor 1 determines that the duty ratio of the drive signal is larger than the reference duty ratio, an unit (2) extends an output cycle of the drive signal by thinning out the drive signal. Fig. 1 for publication

F i g . 1



No. of Pages : 22 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2219/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OUTPUT VOLTAGE CONTROL APPARATUS OF GENERATOR

(51) International classification	:H02P
(31) Priority Document No	:2009-240355
(32) Priority Date	:19/10/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)HONDA MOTOR CO., LTD.

Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
MINATO-KU, TOKYO 107-8556, Japan

(72)Name of Inventor :

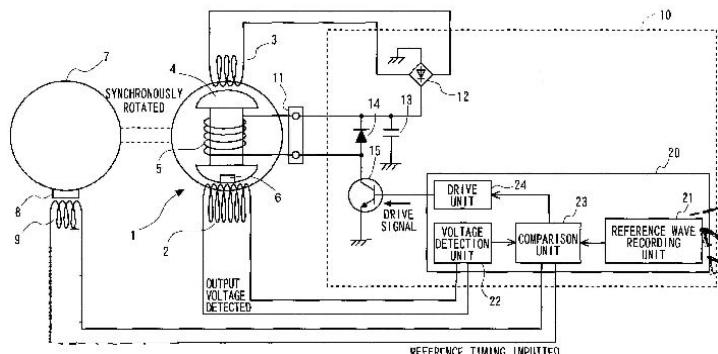
1)YASUHIRO NAKADA

2)MINORU MAEDAKO

(57) Abstract :

When a distortion of an output waveform of an alternating-current generator is improved, an output voltage control apparatus of a generator, which has versatility, is obtained. An output voltage control apparatus of a generator (1), including a generator winding (2) and an excitation winding (3) wound around a stator side, a field winding (5) wound around a rotor (4), and a rectifier (12) for rectifying a current generated by the excitation winding (3) and supplying the rectified current to the field winding (5), the output voltage control apparatus includes a field current drive means (20) for comparing an output voltage generated to the generator winding (2) with a reference wave whose distortion ratio is 0% and flowing a field current to the field winding (5) by adjusting a drive timing of a PWM signal output by a drive unit (24) based on a result of the comparison. Fig. 1 for publication

F i g . 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1905/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTROLYTE COMPOSITION AND DYE-SENSITIZED SOLAR CELL HAVING THE SAME

(51) International classification	:H01L	(71) Name of Applicant :
(31) Priority Document No	:098137536	1)EVERLIGHT USA, INC.
(32) Priority Date	:05/11/2009	Address of Applicant :10507 SOUTHERN LOOP BLVD.,
(33) Name of priority country	:Taiwan	PINEVILLE, NC 28134, U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LEE, KUAN-WEI
(87) International Publication No	:NA	2)CHEN, HSIN-YI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an electrolyte composition for a dye-sensitized solar cell, and the electrolyte composition includes 2 to 25 wt% of an organic amine hydroiodide; 2 to 25 wt% of an imidazolium salt; 0.5 to 5 wt% of iodine; 1 to 5 wt% of guanidine thiocyanate; 2 to 15 wt% of a benzimidazole derivative, a pyridine derivative or a combination thereof; and 50 to 92.5 wt% of a solvent. The present invention further provides a dye-sensitized solar cell, including a photoanode, a cathode having a surface in contact with the photoanode; and an electrolyte layer formed on the surface of the cathode. The dye-sensitized solar cell having the electrolyte composition of the present invention has outstanding photoelectric conversion efficiency and stability, and also the ingredients of the electrolyte composition have great compatibility to one another.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/08/2010

(21) Application No.1960/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOUND OF THE FORMULA (II)

(51) International classification	:C07C
(31) Priority Document No	:10337497.3
(32) Priority Date	:14/08/2003
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filed on	:3381/DEL/2005 :16/12/2005

(71)Name of Applicant :

1)BAYER CROPSCIENCE AG

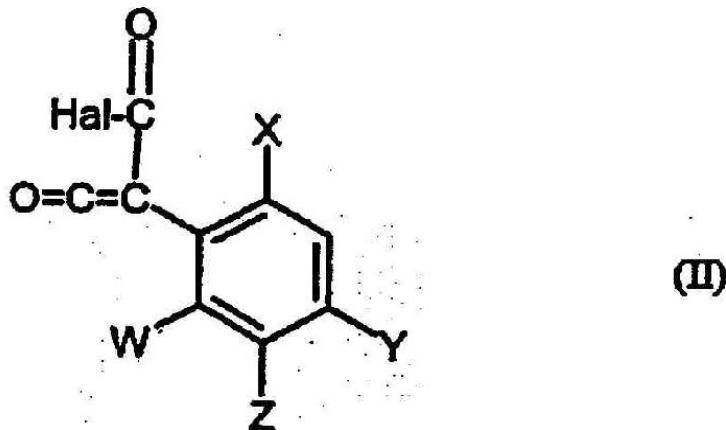
Address of Applicant :ALFRED-NOBEL-STR. 50, 40789
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(72)Name of Inventor :

- 1)REINER FISHCHER
- 2)THOMAS BRETSCHNEIDER
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- 4)DIETER FEUCHT
- 5)KARL-HEINZ KUCK
- 6)PETER LOSEL
- 7)OLGA MALSAM
- 8)CHRISTIAN ARNOLD
- 9)THOMAS AULER
- 10)MARTIN JEFFREY HILLS
- 11)HEINZ KEHNE

(57) Abstract :

Compound of the formula (II) in which X represents halogen, alkyl, alkoxy, alkenyloxy, alkylthio, alkylsulphanyl, alkylsulphonyl, haloalkyl, haloalkoxy, haloalkenyloxy, nitro, cyano, Z represents in each case optionally substituted aryl or hetaryl, W and Y independently of one another represent hydrogen, halogen, alkyl, alkoxy, alkenyloxy, haloalkyl, haloalkoxy, haloalkenyloxy, nitro or cyano, and Hal represents halogen.



No. of Pages : 157 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2070/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SHELL-AND-TUBE HEAT EXCHANGER

(51) International classification	:F28D
(31) Priority Document No	:102009040560.7
(32) Priority Date	:08/09/2009
(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)ZACHARIAS, JORG

(57) Abstract :

In a shell-and-tube heat exchanger (W) comprising a casing tube (1) and at least one inner tube (3) for treating liquid food products, optionally also with a product/product flow guidance, comprising at least one thermal-expansion compensating device (K) for the casing and/or inner tube (1, 3), with the compensating device (K) having a surface (12) which can be contacted by the product to be treated, said surface is provided, on a bellows integrated into the casing and/or inner tube (1,3), with a plurality of relatively wide folds (F1, F) which extend around the tube axis (X) and are of rounded cross- section, with the respective fold (F, F1) being configured with a radial depth (T) and an axial width (B) with a ratio of B : T of about 1 or more and to be cleanable on the product side in a hygienically irreproachable way.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2010

(21) Application No.2126/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ROTOR-TYPE SUPER WINDMILL AND METHOD OF INCREASING KINETIC ENERGY OF AIR FLOW

(51) International classification	:B63H	(71) Name of Applicant :
(31) Priority Document No	:A20091300	1)KLIMOV VYACHESLAV STEPANOVICH
(32) Priority Date	:08/09/2009	Address of Applicant :10, ROMASHKIN STR. MINSK, 220044, BELARUS
(33) Name of priority country	:Belarus	2)KLIMOV OLEG VYACHESLAVOVICH
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)KLIMOV VYACHESLAV STEPANOVICH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)KLIMOV OLEG VYACHESLAVOVICH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Rotor-type super windmill based on logarithmic spiral-shaped load-bearing elements represents a single block of two vertical rotors having inverted curvature of load-bearing elements producing in the rotary mode in the inter rotor space circulation of velocity of both rotors in one direction and ensuring summation thereof with the velocity of the air flow.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2221/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTI-UTILITY HOSPITAL BED

(51) International classification	:A61G
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KANIKA BANSAL

Address of Applicant :8C/1 RAJPUR ROAD, BATTERY LANE, CIVIL LINES, DELHI-110054 India

2)ABHAY KANSAL

(72)Name of Inventor :

1)KANIKA BANSAL

2)ABHAY KANSAL

(57) Abstract :

A multi-utility hospital bed having inter-convertibility between bed, gurney and stretcher, said hospital bed comprising (a) a static frame (3) provided with fixed or detachable legs; (b) a dynamic frame which comprises a motion frame for movement of headrest (4) and footrest(9); (c)a stretcher frame (1) placed over the motion frame; and (d) a trolley frame(2) for mobility of stretcher frame(l); wherein the motion frame is positioned on said static frame(3), said static frame(3) acting as a base frame(3), said motion frame comprising a C-shaped frame with extrusions on either side of said base frame(3) for vertical motion of headrest (4) and footrest(9); said stretcher frame(l) being provided over said motion frame and acting as a resting base when integrated with said base frame(3) and as a gurney/stretcher without said base frame(3); said trolley frame (2)being connectable to said stretcher frame (1) to provide mobility thereto when said stretcher frame(l) is used in the gurney mode.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2115/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CLAMP FOR CLAMPING A BLADE FOR A WIND TURBINE AND METHOD OF INSTALLING WIND TURBINE BLADES

(51) International classification	:B66C
(31) Priority Document No	:EP10000317
(32) Priority Date	:14/01/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, Germany

(72)Name of Inventor :

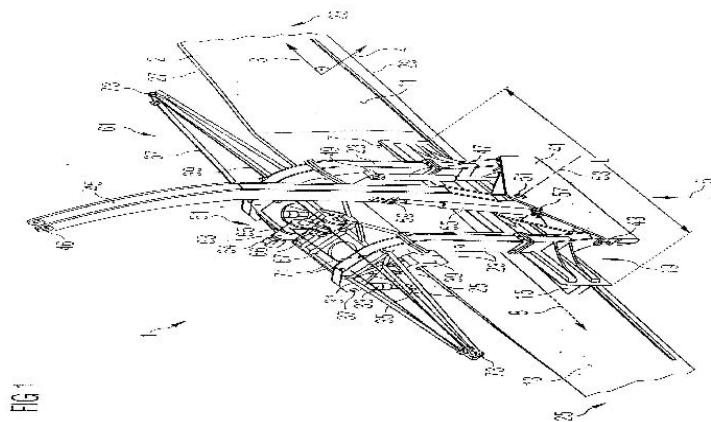
1)MAJ; KARL AAGE

2)POULSEN; HENNING

3)WILLIM; HANS-DIETER

(57) Abstract :

It is described a clamp for clamping a blade (2) for a wind turbine, wherein the clamp comprises a first contact surface (7) adapted to contact a portion of a surface of the blade; a second contact surface (9) adapted to contact another portion of the surface of the blade, the second contact surface being displacable relative to the first contact surface; and a bar (45) connected in an adjustable orientation relative to the first contact surface. Further a method of installing wind turbine blades at a hub rotatable around a rotation axis along a horizontal direction is provided.



No. of Pages : 45 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2222/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ZERO SUGAR CALORIE & LOW SUGAR CALORIE SUGAR FREE CANDIES

(51) International classification	:A23L	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ATUL ARORA
(32) Priority Date	:NA	Address of Applicant :BLOCK B, POCKET: U&V, APARTMENT NO - 25D SHALIMAR BAGH, NEW DELHI-88 India
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ATUL ARORA
(87) 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 have created the Zero Sugar Calorie & Low Sugar Calorie Candies/Sweets by using the 100% Natural contents without any artificial sweeteners or artificial sugar substitutes. All product used are the extracted from the natural source and hence can be consumed by human safely. These candies unlike other standard sugar free candies which contain artificial sweeteners or artificial sugar substitutes and are not recommended for children, these candies of ours are fit for consumption of children and adults. The present Invention of Sugar Free Candies is now more particularly to Zero Sugar Calories & Low Sugar Calories sugar free candies consists of 100% Natural Fructo-Oligosaccharide (FOS)/Isomalt/Polydextrose Liquid Glucose, Natural Pulp (Fruit & Non-Fruit)/ Natural concentrated Oils (Fruit & Non-Fruit flavors)/ Synthetic & Natural Identical (Fruit & Non-Fruit flavors)/ Herbal Extracts (Fruit & Non-Fruit flavors)/ Permitted Synthetic Colors, Malic Acid/Acidulants, depending on the receipe of the candies. Our candies carry following calorie facts

No. of Pages : 46 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2223/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTROL SYSTEMS AND METHODS OF PROVIDING THE SAME

(51) International classification

:G05B

(31) Priority Document No

:12/572,361

(32) Priority Date

:02/10/2009

(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

(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)CAFFREY PAUL OLIVER
2)PETZEN III JOHN ALEXANDER
3)KING DENNIS BRIAN
4)KERR III FRANK L.**

(57) Abstract :

Control systems (100) and methods (200) for controlling certain systems, devices, and apparatus are described. A control system (100) may include a memory (141) and at least one processor (140). The memory (141) may be operable to store both a Foundation Fieldbus protocol (150) that facilitates communication with one or more Foundation Fieldbus devices (110) and a second protocol (151) that facilitates communication with one or more control devices (115). The at least one processor (140) may be operable to access both the Foundation Fieldbus protocol (150) and the second protocol (151), and to control the one or more Foundation Fieldbus devices (110) and the one or more control devices (115). A network (120) may facilitate communications between the at least one processor (140) and both the one or more Foundation Fieldbus devices (110) using the Foundation Fieldbus protocol (150) and the one or more control devices (115) using the second protocol (151).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2224/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AUTOMATIC LIFTING SIDE STAND OF TWO WHEELER

(51) International classification

:B62H

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)RAHGAV KR. CHOUDHARY

Address of Applicant :S/O SRI MADAN CHOUDHARY,
SUBHANKAR PUR, BADRI NARAYAN MANDIR ROAD,
DIST. DARBHANGA ST.: BIHAR PIN CODE:846006 India

2)AMIT KR.MANDAL

3)KRISHNA KUMAR

4)SHASHANK RAI

5)SHASHI RANJAN

(72)Name of Inventor :

1)RAHGAV KR. CHOUDHARY

2)AMIT KR. MANDAL

3)KRISHNA KUMAR

4)SHASHANK RAI

5)SHASHI RANJAN

(57) Abstract :

An arrangement is made to automatic closing the stand when the bike is brought to its vertical position (Straightened for riding). This reduces problem of side stand remain in open condition by mistake or forgetfulness of rider. The automatic stand comprises of a spring to lift the stand Llock which is provided to withstand against small disturbance. And a spring which removes the side stand from the locks position and brings the side stand in its closed position in case the vehicle is made straight in vertical position .

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.1667/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DAMPER ELEMENT FOR SPRINGS AND VEHICLE PEDAL ASSEMBLY INCORPORATING THE SAME

(51) International classification	:B60D
(31) Priority Document No	:61/355,067
(32) Priority Date	:15/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)CTS CORPORATION

Address of Applicant :905 WEST BOULEVARD NORTH,
ELKHART, INDIANA 46514 U.S.A.

(72)Name of Inventor :

1)GENTRY NICHOLAS K.

(57) Abstract :

A spring damper element in the form of a cap made of an elastomeric material and adapted to be mounted over the end of a coil spring. In one embodiment, the cap includes a top circumferential wall defining a central opening and a circumferential side wall depending outwardly from a peripheral circumferential edge of the top wall. In one embodiment, the cap is used in a vehicle pedal assembly to eliminate contact and noise between the inner and outer coil springs of a double coil spring assembly extending between the base and the pedal arm. In this embodiment, the top wall of the cap is seated against the top of the end of the inner coil spring and the side wall extends and is wedged between the inner and outer coil springs.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.1668/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : THROTTLE TWIST GRIP CONTROLLER WITH RING POTENTIOMETER ASSEMBLY

(51) International classification	:B60D
(31) Priority Document No	:61/355,041
(32) Priority Date	:15/06/2010
(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)CTS CORPORATION

Address of Applicant :905 WEST BOULEVARD NORTH,
ELKHART, INDIANA 46514 U.S.A.

(72)**Name of Inventor :**

1)CHENG WEN FENG

2)CHEN YUAN PIN

(57) Abstract :

A throttle twist grip controller assembly includes a rotatable hand grip, a throttle housing coupled to the hand grip, and a ring potentiometer assembly located in the throttle housing. In one embodiment, the ring potentiometer assembly is fitted and supported on a sleeve associated with the throttle housing. A ring rotor is seated in the ring potentiometer assembly, surrounds the sleeve of the throttle housing, and includes at least a first tab which couples the rotor to the hand grip for rotation with the hand grip. A second tab on the rotor holds a potentiometer conductor. A spring is fitted and supported on the sleeve of the throttle housing. One end of the spring is coupled to the hand grip and the other end is coupled to the throttle housing for returning the hand grip to idle.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2040/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRANSFORMING SERVICE ORIENTED ARCHITECTURE MODELS TO SERVICE ORIENTED INFRASTRUCTURE MODELS

(51) International classification	:G06T	(71) Name of Applicant :
(31) Priority Document No	:12/550,405	1)SAP AG
(32) Priority Date	:31/08/2009	Address of Applicant :DIETMAR-HOPP-ALLEE 16, D-69190 WALLDORF, GERMANY.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)XU ZHI JIONG
Filing Date	:NA	2)MANN THOMAS
(87) International Publication No	:NA	3)KOUNATZE REIMSBACH CHRISTIAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein are methods and systems for SOA to SOI transformation. The transformation is performed by a transformation engine, driven by a transformation algorithm. A used case database, to provide the current know-how information for such transformations, and a performance database, to describe new hardware parts with more powerful metrics are incorporated into the transformation algorithm. In addition, a business engine supports the transformation engine with business analyzing features using a business value database.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2145/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OPTICAL RECORDING MEDIUM, AND METHOD FOR PRODUCING OPTICAL RECORDING MEDIUM

(51) International classification	:G11B	(71) Name of Applicant :
(31) Priority Document No	:2009-208157	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, Japan
(32) Priority Date	:09/09/2009	2)SONY CHEMICAL & INFORMATION DEVICE CORPORATION
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MINORU KIKUCHI
Filing Date	:NA	2)HIROYUKI KAWASAKI
(87) International Publication No	:NA	3)TAKASHI OHGI
(61) Patent of Addition to Application Number	:NA	4)YOSHIAKI NAKATA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An optical recording medium includes: a substrate; an information recording layer formed on the substrate for recording and reproducing an information signal by irradiation with light; and a light transmission layer formed on the information recording layer and transmitting the light, the storage elastic modulus of the light transmission layer at -5°C being within a range of 1500 MPa or less.

No. of Pages : 55 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2010

(21) Application No.2242/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS AND APPARATUS TO IMPROVE TURBO PERFORMANCE FOR EVENTS HANDLING

(51) International classification	:G06F	(71) Name of Applicant :
(31) Priority Document No	:12/630,438	1)INTEL CORPORATION
(32) Priority Date	:03/12/2009	Address of Applicant :2200 MISSION COLLEGE BLVD., M/S: RNB4-150, SANTA CLARA, CA 95052, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)WELLS, RYAN D.
Filing Date	:NA	2)FALIK, OHAD
(87) International Publication No	:NA	3)ALLAREY, JOSE P. (DECEASED) [LEGAL REPRESENTATIVE OF THIS INVENTOR IS ALLAREY MARY JEAN]
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of an apparatus for improving performance for events handling are presented. In one embodiment, the apparatus includes a number of processing elements and task routing logic. If at least one of the processing elements is in a turbo mode, the task routing logic selects a processing element for executing a task based at least on a comparison of performance losses.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2020/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REFILL CASE

(51) International classification	:B27F	(71) Name of Applicant :
(31) Priority Document No	:2009-240010	1)MAX CO. LTD., Address of Applicant :6-6, NIHONBASHIHAKOZAKI-CHO, CHUO-KU, TOKYO 103-8502, JAPAN.
(32) Priority Date	:19/10/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)TOSHIO SHIMIZU
(86) International Application No Filing Date	:NA :NA	2)SHINPEI SUGIHARA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A refill case is provided with: an accommodating part (2) for accommodating staple-sheets (1) ; a staple pressing member (4) for pressing a top of the staple-sheets (1) ; locking saw-toothed portions (6a, 6b) having saw-toothed shapes; and return-preventing claws (5) formed ends of the staple pressing member (4) and engaged with the locking saw-toothed portions. A phase of the saw-toothed shape of the right locking saw-toothed portion is shifted from a phase of the saw-toothed shape of the left locking saw-toothed portion.

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2021/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REFILL CASE AND STAPLE CARTRIDGE

(51) International classification	:B25C	(71) Name of Applicant :
(31) Priority Document No	:2009-240009	1)MAX CO. LTD., Address of Applicant :6-6, NIHONBASHIHAKOZAKI-CHO, CHUO-KU, TOKYO 103-8502, Japan
(32) Priority Date	:19/10/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)TOSHIO SHIMIZU
(86) International Application No Filing Date	:NA :NA	2)FUTOSHI KAMEDA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A refill case (A) is provided with: an accommodating part (2) in which staple-sheets, each of which is formed by connecting straight staple members in a sheet shape, are stacked in an up/down direction and accommodated; a front wall (8a); a leading-out port (3) formed in the front wall (8a), and from which a lowermost staple-sheet of the stacked staple-sheets in the accommodating part is led out forward; and an eaves part (7) formed in an upper side of the leading-out port (3). The eaves part (7) includes a front end (7F) positioned in a front side of the front wall (8a) and a lower surface (7L) formed between the front end (7F) and the front wall (8a).

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2077/DEL/2010 A

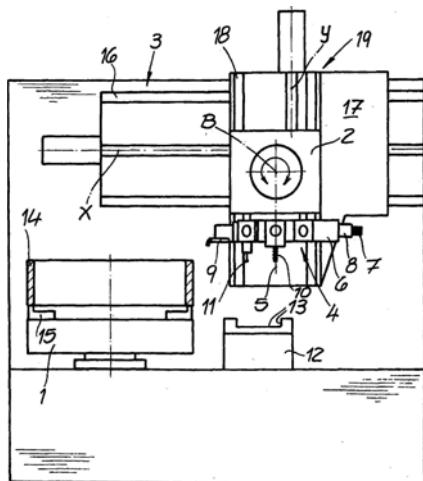
(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR FINISHING RING-SHAPED WORKPIECES, IN PARTICULAR FOR FINISHING BEARING RINGS.

(51) International classification	:B24B	(71) Name of Applicant :
(31) Priority Document No	:10 2009 040 062.1	1)THIELENHAUS TECHNOLOGIES GMBH Address of Applicant :SCHWESTERSTRASSE 50, 42285 WUPPERTAL, Germany
(32) Priority Date	:07/09/2009	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)DIPL.-ING. SIEGFRIED HESSE
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device for finishing ring-shaped workpieces comprising a rotatably driveable workpiece carrier (1), a two-axis base machine (3) comprising a swivel unit (2), wherein said base machine (3) allows linear infeed movements of the swivel unit (2) along a horizontal axis (X) and along a vertical axis (Y), as well as a tool turret (4), connected to the swivel unit (2), comprising an axis of rotation (5) and a number of tool holders arranged circumferentially on the axis of rotation (5). The swivel unit (2) comprises a swivel axis (B) that is orthogonal in relation to the two linear axes (X, Y). The axis of rotation (5) of the tool turret (4) is aligned so as to be orthogonal to the swivel axis (B) of the swivel unit (2) so that the tool turret (4) during activation of the swivel unit (2) carries out a swivel movement on the swivel axis (B). At least one tool holder of the tool turret (4) comprises a device (6) for short-stroke honing that comprises an oscillation drive for generating oscillation movements of a honing stone holder (8). At least one further tool holder of the tool turret (4) is equipped to receive a material-cutting tool, for example a hard turning tool (9).



No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2234/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MANAGING AND IMPLEMENTING METADATA IN CENTRAL PROCESSING UNIT USING REGISTER EXTENSIONS

(51) International classification	:G06F	(71) Name of Applicant : 1)INTEL CORPORATION Address of Applicant :2200 MISSION COLLEGE BLVD., SANTA CLARA, CALIFORNIA 95052, U.S.A.
(31) Priority Document No	:12/571,269	(72) Name of Inventor :
(32) Priority Date	:30/09/2009	1)PATEL, BALJU V.
(33) Name of priority country	:U.S.A.	2)GOPALAKRISHNA, RAJEEV
(86) International Application No	:NA	3)GLEW ANDREW F.
Filing Date	:NA	4)KUSHLIS, ROBERT J.
(87) International Publication No	:NA	5)VAN DYKE, DON ALAN
(61) Patent of Addition to Application Number	:NA	6)CIHULA, JOSEPH FRANK
Filing Date	:NA	7)MALICK, ASIT K.
(62) Divisional to Application Number	:NA	8)CROSSLAND, JAMES B.
Filing Date	:NA	9)NEIGER, GILBERT
		10)RODGERS, SCOTT DION
		11)DIXON, MARTIN GUY
		12)CHARNEY, MARK JAY
		13)GOTTLIEB, JACOB (KODY)

(57) Abstract :

A set of default registers of a processor are expanded into metadata registers on the processor of a computer system. The default registers having stored thereon data, while metadata which is related to the data is stored separately on the metadata registers.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2236/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF CREATING VIRTUAL FINGERPRINT IMPRESSION

(51) International classification	:C08J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHARMA, RAJNESH KUMAR

Address of Applicant :REPRODUCTIVE PHYSIOLOGY
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OF ZOOLOGY, KURUKSHETRA UNIVERSITY,
KURUKSHETRA-136119, HARYANA, INDIA

(72)Name of Inventor :

1)SHARMA, RAJNESH KUMAR

2)YADAV, SATENDRA KUMAR

(57) Abstract :

The present invention relates to a material having polymerizing property at lower temperature for casting on the fingerprint impression and a method of creating virtual fingerprint impression comprising steps of a) casting a cast solution on the fingerprint impression left on a surface, b) lowering the temperature of cast below room temperature allowing polymerization of the cast solution, and c) lifting the virtual fingerprint impression after polymerization from the cast, wherein said ploymerizable casting solution comprises gelatin recovered from animal bones.

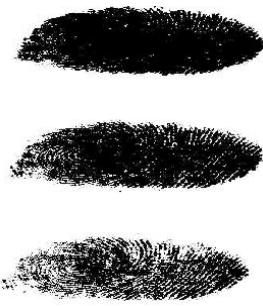


Figure 5A

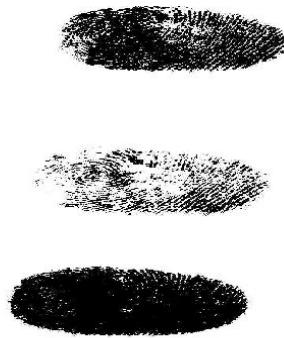


Figure 5B

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2038/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DEMAND RESPONSE IN A DISTRIBUTION NETWORK

(51) International classification	:G06F
(31) Priority Document No	:61/241,609
(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)TYAGI RAJESH

2)BLACK JASON WAYNE

3)LARSON RONALD RAY

4)SELLHORN AUGUSTO RAMON

5)WANG XIAOFENG

(57) Abstract :

A method and system (100) for controlling load (116) in a utility distribution network are provided that initiates a shed event for a node in the distribution network by selecting premises (112) associated with the node that are participating in a demand response program to reduce the load (116) at the node to desired levels. More specifically, the system and method (100) provide for selecting only enough participating premises (112) associated with the node that are necessary to reduce the load to desired levels.

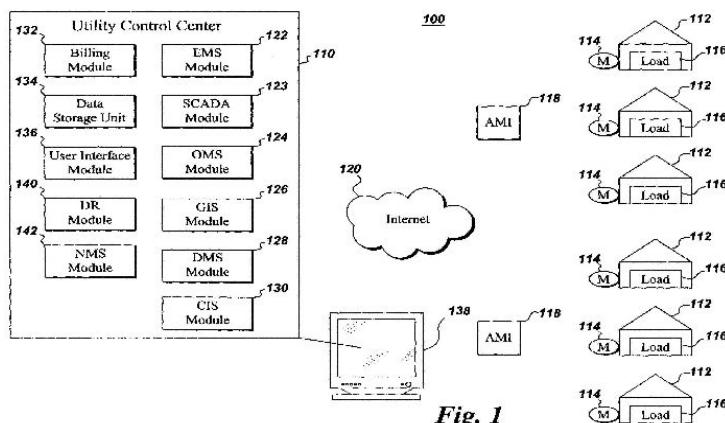


Fig. 1

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2091/DEL/2010 A

(43) Publication Date : 27/09/2013

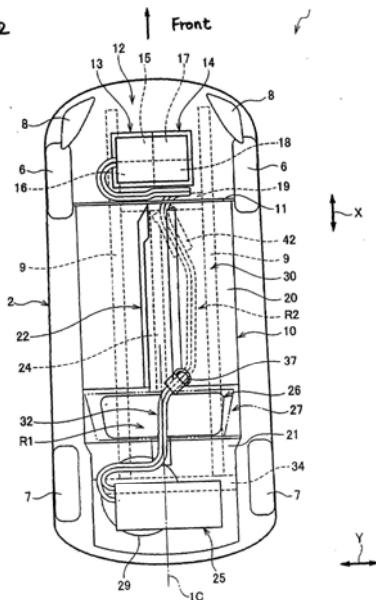
(54) Title of the invention : VEHICLE HIGH VOLTAGE CABLE LAYOUT STRUCTURE

(51) International classification	:B60L	(71)Name of Applicant :
(31) Priority Document No	:JP 2009-	1)SUZUKI MOTOR CORPORATION
	218937	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-
(32) Priority Date	:24/09/2009	KU, HAMAMATSU-SHI, SHIZUOKA-KEN, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)IKENO, MASAYUKI
Filing Date	:NA	2)IWASAKI, JUNKA
(87) 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 layout structure for a high voltage cable of an electric vehicle, the high voltage cable running from front to back is arranged to be kept towards the center of the vehicle, thereby avoiding damage to the cable even in the event of side impact. The high voltage cable (32) is arranged at a position over a rear floor panel (21) where it vertically overlaps with the fuel tank (26) running centrally in the vehicle width direction (Y) so as to lie along a front/rear center axis (1C) of the vehicle (1). The cable is arranged in such a manner that ahead of the position where the cable overlaps the fuel tank (26), the cable enters an area corresponding to the passenger compartment (4) upon leaving a standard surface of the rear floor panel (21), after which the cable runs towards the front of the vehicle in a region below the standard surface of a front floor panel (20) corresponding to the passenger compartment (4).

FIG.2



No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.2142/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TAMPER EVIDENT CLOSURE SYSTEM

(51) International classification	:H01J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)MR. HARPREET SINGH CHHABRA

Address of Applicant :2105, FIRST FLOOR, KHARI BAOLI,
DELHI- 1100006. India

2)MR. PARVINDER KAUR CHHABRA

**3)MR. AVNEESH CHHABRA TRADING AS USMS
SAFFRON CO INC**

(72)Name of Inventor :

**1)ANUJ PRASAD, DIRECTOR, DESMANIA DESIGN
PVT. LTD.**

2)MRS. PARVINDER KAUR CHHABRA

**3)MR. AVNEESH CHHABRA TRADING AS UNMS
SAFFRON CO. INC.**

(57) Abstract :

The above and other objects of the present invention are achieved providing a closure which is relatively easy to manufacture. The closure has a tamper-proof feature which is on the outside of the container lid, thereby making it more visible before purchase than tamper-proof devices which are inside a container lid. Additionally, if the tamper proof feature is removed or distorted, it is evident upon visual inspection. The present invention provides closure for containers. The present invention provides a security seal having a tamper indicating feature. The invention in particular provides a tamper evident packaging box for edibles preferably saffron.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2010

(21) Application No.2245/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MEDICAL INSTRUMENT

(51) International classification	:A61B	(71) Name of Applicant :
(31) Priority Document No	:10 2009	1)RICHARD WOLF GMBH
(32) Priority Date	042 411.3	Address of Applicant :PFORZHEIMER STRASSE 32, 75438
(33) Name of priority country	:21/09/2009	KNITTLINGEN, Germany
(86) International Application No	:Germany	(72) Name of Inventor :
Filing Date	:NA	1)STEPHAN PRESTEL
(87) 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 medical instrument comprises a hollow shank. An instrument section is arranged pivotable to the hollow shank, in the proximity of the distal end of this hollow shank. An instrument part is mounted in an axially movable manner in the pivotable instrument section. This instrument part which may be a part acting in a direct manner on organs, tissue or likes, or preferably serves for movement coupling to such a part in the bendable instrument section, is coupled in movement via a forcibly guided multi-joint arm, to an actuation means which is axially movably guided in the hollow shank.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2010

(21) Application No.2246/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITION OF RADOY BEER AND ITS PRODUCTION METHOD

(51) International classification	:C12C	(71) Name of Applicant :
(31) Priority Document No	:A 2010	1)YEVHEN YUKHNYTSYA
	01355	Address of Applicant :3, DARWIN STR., APPT. 5, KIEV,
(32) Priority Date	:09/02/2010	UKRAINE, 01004
(33) Name of priority country	:Ukraine	(72) Name of Inventor :
(86) International Application No	:NA	1)YEVHEN YUKHNYTSYA
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the food industry and, in particular, to beer and the production of beer. A beer composition includes water, a ground malt, a bottom-fermenting yeast, a hops extract and a milk thistle solution in the following proportions: Water 100 I Ground malt 10-50 kg Bottom-fermenting yeast 1.0-3.0 I Hops extract 10-30 g of alpha acid Milk thistle solution 5-30 g per 1 I of wort. A method of producing beer includes the steps of preparing a mash, saccharifying the mash, separating a wort from the spent mash, boiling the wort, fermenting and post-fermenting the wort. The step of boiling the wort further comprises the steps of adding milk thistle fruits, which have been preliminary grounded in a grinder with the distance between rollers from 0 to 2.5 mm, at the beginning of boiling, and thereupon added to preheated to 70-150°C water, and boiled for 45-90 minutes, whereupon the milk thistle fruits concentration is from 1 to 99% of wort volume. Therefore, claimed invention contains discovery of composition and production method of a beer, which positively effects human body, especially liver and kidneys, and has curative properties as well.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.1774/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HYDROGEL SCAFFOLDS FOR TISSUE ENGINEERING

(51) International classification

:B64D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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 are biodegradable hydrogel scaffolds for use in tissue engineering. The hydrogel scaffolds are composed of synthetic terpolymers complexed with polyvinyl alcohol (PVA), which facilitate cell-sheet and tissue growth. In the presence of a monosaccharide, the PVA-hydrogel is dissolved and cell-sheets are released for harvesting. Further disclosed herein are methods for producing PVA hydrogels which support tissue growth. Tissue engineering applications and methods are also disclosed.

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

(71)Name of Applicant :

1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Address of Applicant :Kanpur Uttar Pradesh 208016 India

(72)Name of Inventor :

1)ASHOK KUMAR

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1883/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DRIVING APPARATUS FOR PASSENGER CONVEYOR

(51) International classification	:B66B	(71) Name of Applicant :
(31) Priority Document No	:2009-227122	1)HITACHI, LTD.
(32) Priority Date	:30/09/2009	Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8280, JAPAN.
(33) Name of priority country	:Japan	2)HITACHI BUILDING SYSTEMS CO., LTD.
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)FUKUDA TOSHIYUKI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)TAKEMOTO KEISUKE
(62) Divisional to Application Number Filing Date	:NA :NA	3)YAMASHITA TOMONORI
		4)IGARASHI YOSHIHARU

(57) Abstract :

A drive apparatus for a passenger conveyor, which transmits a drive force to the passenger conveyor, is capable of providing a required friction coefficient without increases in the number of belts and the apparatus size. The drive apparatus includes a drive pulley (15) driven by an electric motor (11), a flywheel (21) provided coaxially with the drive pulley (15), a brake (14), an idler pulley (16) coupled to a rotating shaft on which the brake (14) is mounted, and a belt (17) looped over the drive pulley (15) and the idler pulley (16). The belt (17) includes one or two V-ribbed belt (17a, 17b) having at least 12 but no more than 18 protrusions arranged in the lateral direction of the belt, and a friction force of the V-ribbed belt (17a, 17b) is greater than a braking force.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2055/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CIRCUITS AND METHODS FOR CONTROLLING POWER OF LIGHT SOURCES

(51) International classification

:H05B

(31) Priority Document No

:201010176798.7

(32) Priority Date

:18/05/2010

(33) Name of priority country

:China

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)O2 MICRO, INC.

Address of Applicant :3118 PATRICK HENRY DRIVE
SANTA CLARA, CALIFORNIA 95054 U.S.A.

(72)Name of Inventor :

1)TIESHENG YAN

2)ZHIMOU REN

3)JUN REN

4)CHING-CHUAN KUO

(57) Abstract :

A driving circuit for driving a light source includes a power converter, a controller and a voltage-controlled current source. The power converter is coupled to the light source, and receives an input voltage from a power source and provides an output voltage to the light source. The power converter includes a switch coupled in series with the light source. The controller is coupled to the power converter and controls a power of the light source by controlling the switch. The voltage-controlled current source is coupled to the controller and provides a first current. The controller controls the switch based on the first current.

No. of Pages : 37 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2056/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BLOW VALVE

(51) International classification	:F16K
(31) Priority Document No	:102009041253.0
(32) Priority Date	:11/09/2009
(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)BLOCHMANN, ERIK

(57) Abstract :

In a blow valve (V) of a blow-molding machine for containers, comprising a valve seat (6) which is arranged in a valve chamber (7) between an inflow channel mouth (5) and an outflow channel mouth (4) and has assigned thereto a valve piston (11) which is shiftable linearly between a shut-off position and a lifted open position and which with a piston extension (14) carrying a closing surface passes sealingly shiftably through a bore of a wall (8) defining the valve chamber (7), wherein a flow path which extends through the valve chamber between the mouths is shut off in the shut-off position and released in the open position, at least one guide surface (L1, L2) which is generally inclined relative to the shifting direction of the valve piston (11) is provided for the lateral forced deflection of the flow on the wall (8) and/or on the piston extension (14).

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2269/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF N-BUTYL ACETATE USING MODIFIED MONTMORILLONITE CLAY CATALYST

(51) International classification	:B01J	(71) Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN RAFI MARG, NEW DELHI - 110 001, INDIA.
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DUTTA DIPAK KUMAR
(87) International Publication No	:NA	2)BHORODWAJ SIDDHARTHA KUMAR
(61) Patent of Addition to Application Number	:NA	3)PATHAK MADAN GOPAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the present invention an improved process for the preparation of n-butyl acetate by esterification of acetic acid with n-butanol using modified Montmorillonite clay catalyst has been described. Solid acid catalyst such as acid activated-Montmorillonite clay composite has been developed by modifying the Na-Montmorillonite clay with acid HC1 or H2SO4 treatment for 5 - 15 minutes and activating at about 120°C for about 2 hours. Esterification reaction between n-butanol and acetic acid in presence of the acid activated Montmorillonite clay catalysts exhibiting layered clay structures (basal spacing d001 ranging from about 10 to 15.9 Å), high surface area (397 - 630 m² / g), highly porous (mesopores in the range 30 to 38 Å), average specific pore volume 0.3 to 0.6 cc / g, and surface acidity 0.41 mmol / g; under constant stirring at about 500 rpm and at pressure of 1-9 bar, temperature 100 - 200 °C for a period of about 6-12 hours produces n-butyl acetate exhibiting conversion maximum 98.5 % and selectivity > 99.5 %.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1518/DEL/2011 A

(43) Publication Date : 27/09/2013

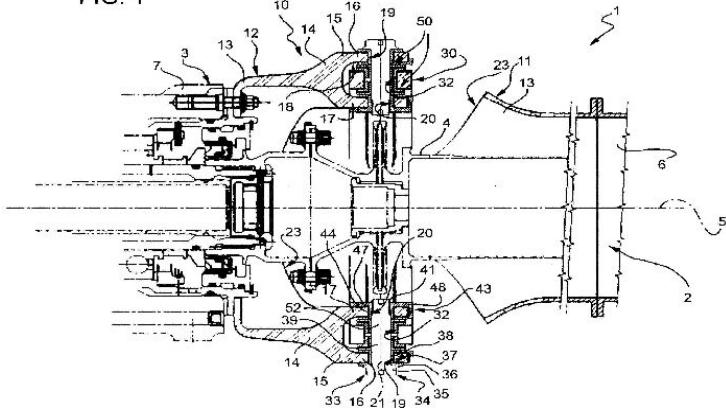
(54) Title of the invention : NON-ROTATING UNIVERSAL JOINT FOR A HELICOPTER DRIVE UNIT

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:10425183.0	1)AGUSTA S.P.A.
(32) Priority Date	:27/05/2010	Address of Applicant :520 FRAZIONE CASCINA COSTA-VA GIOVANNI AGUSTA, SAMARATE ITALY
(33) Name of priority country	:EUROPEAN UNION	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GASPARINI GIUSEPPE
(87) International Publication No	:NA	2)FERRETTI FRANCESCO
(61) Patent of Addition to Application Number	:NA	3)FORNI MASSIMO
Filing Date	:NA	4)REGONINI ROBERTO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A non-rotating universal joint (10) for a helicopter drive unit has a spider defined by a ring (30), which has four connecting portions (31) spaced 90° apart and engaging respective forks (15) defining the ends of respective arms (14) of two connecting members (11, 12) which, in use, are fixed with respect to a casing (6) of an engine (2) and a casing (7) of a reduction gear (3); each fork (15) and the corresponding connecting portion (31) have respective through holes (19, 20, 32) coaxial with one another and engaged by a screw (34); and dampers (55) are interposed between the connecting portions (31) of the ring (30) and the shanks (39) of the screws (34), and between the connecting portions (31) of the ring (30) and the forks (15). Figure 1

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.1654/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TEMPORARY STRUCTURE INSULATING SYSTEM

(51) International classification

:F17C

(31) Priority Document No

:61/353891

(32) Priority Date

:11/06/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HONEYWELL INTERNATIONAL INC.

Address of Applicant :101 COLUMBIA ROAD, P.O. BOX
2245, MORRISTOWN, NEW JERSEY 07962-2245, U.S.A.

(72)Name of Inventor :

1)RICK G. TUCKER

2)RICHARD A. WEST

(57) Abstract :

The present invention relates to a method, processes and system that allows thermal insulating and waterproofing of temporary and/or portable structures in such a manner that the underlying structures are insulated and waterproofed. Moreover, this system provides a rigid outer structure which allows the underlying structure to be removed and reused after the insulation and waterproofing system has been installed, leaving behind a rigid, insulated and waterproof physical structure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2010

(21) Application No.1706/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR THE AXIAL SECURING OF A MACHINE ELEMENT

(51) International classification	:F03D	(71) Name of Applicant :
(31) Priority Document No	:10 2009	1)AKTIEBOLAGET SKF
	034 012.2	Address of Applicant :415 50 GOTEBORG, SWEDEN
(32) Priority Date	:21/07/2009	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)HANS-JURGEN LIESEGANG
(86) International Application No	:NA	2)MATHIAS SEUBERLING
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a method for the axial securing of a machine element (8). In the inventive method, an axial abutment surface (23) is axially pressed against the machine element (8) by a pressurized fluid (26) and the machine element (8) is thereby affixed in a desired axial position and/or a desired axial pre-loading of the machine element (8) is set. The inventive method is characterized in that the axial abutment surface (23) is affixed by solidification of the fluid (26) and the set position and/or pre-loading of the machine element (8) is thereby preserved.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2225/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANTENNA PATTERN FRAME, METHOD AND MOLD FOR MANUFACTURING THE SAME, METHOD FOR MANUFACTURING AN ELECTRONIC DEVICE CASE, AND ELECTRONIC DEVICE

(51) International classification	:H01Q	(71) Name of Applicant : 1)SAMSUNG ELECTRO-MECHANICS CO., LTD. Address of Applicant :314 MAETAN 3-DONG, YEONGTONG-GU, SUWON, GYUNGGI-DO, REPUBLIC OF KOREA
(31) Priority Document No	:KR 10- 2009- 0089745	(72) Name of Inventor : 1)HAN, CHANG MOK 2)SUNG, JAE SUK 3)CHO, SUNG EUN 4)HONG, HA RYONG 5)SEO, NAM IL 6)LIM, DAE KI 7)CHANG, KI WON 8)LEE, KYONG KEUN 9)AN, CHAN GWANG 10)KIM, TAE SUNG
(32) Priority Date	:22/09/2009	
(33) Name of priority country	:Republic of Korea	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An antenna pattern frame includes: a radiator having an antenna pattern part for receiving an external signal; a radiator frame having the radiator injection-molded to have the antenna pattern part formed thereon and including the antenna pattern part buried at an inner side of an electronic device; and an over-mold part injection-molded together with the radiator frame and over-molded to be formed on the antenna pattern part in order to prevent the antenna pattern part from becoming separated from the radiator frame.

No. of Pages : 58 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2282/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR ADJUSTING OPTICAL AXIS BETWEEN OPTICAL FIBER AND OPTICAL DEVICE

(51) International classification	:G02B
(31) Priority Document No	:2009-232197
(32) Priority Date	:06/10/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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Japan

(72)Name of Inventor :

1)SHINYA SHIGETA

(57) Abstract :

A method for adjusting an optical axis between an optical fiber and an optical device enabling to find out an abutting position of a connector on the optical fiber side and a connector on the optical device side simply and quickly is provided. The method for adjusting an optical axis between an optical fiber and an optical device according to the present invention comprises a first step of locating one connector out of two connectors (an optical fiber side connector c1 and an optical device side connector c2) on an upper side as a first connector 81 and locating the other connector vertically on a lower side of the first connector 81 as a second connector 82 and arranging them so that coupling portions of the first and second connectors 81, 82 may be opposed in a separated state, a second step of causing the first connector 81 to drop on the second connector 82 and causing the first and second connectors 81, 82 to abut on each other, and a third step of elevating the first connector 81 by an elevating means 28 and separating the first and second connectors 81, 82 at a predetermined distance L.

No. of Pages : 30 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2049/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ARRANGEMENT FOR LIGHTNING DETECTION

(51) International classification	:F03D
(31) Priority Document No	:EP10161993
(32) Priority Date	:05/05/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN, Germany

(72)Name of Inventor :

1)LEWKE; BASTIAN

(57) Abstract :

The invention relates to an arrangement to detect the stroke of a lightning in a wind turbine. According to the arrangement invented the wind turbine contains an ozone sensor. The ozone sensor is located close to a component of the wind turbine. The component is constructed and arranged in a way that a lightning current, which results from a lightning strike into the wind turbine, is conducted through the component. The component is constructed and arranged in a way that the lightning current results in a corona generating a certain amount of ozone gas, which is detected by the ozone sensor.

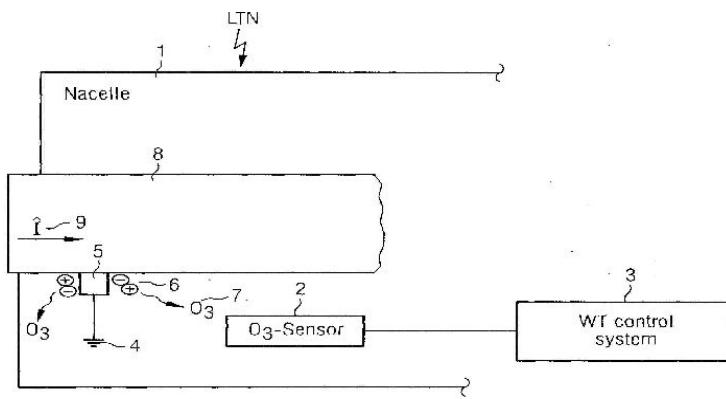


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2010

(21) Application No.2100/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SWITCH DEVICES FOR POWER TOOLS

(51) International classification	:H01H	(71) Name of Applicant :
(31) Priority Document No	:2009-204458	1)MAKITA CORPORATION Address of Applicant :3-11-8, SUMIYOSHI-CHO, ANJO-
(32) Priority Date	:04/09/2009	SHI, AICHI 446-8502, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)NISHIKIMI JUNICHI
Filing Date	:NA	2)MAEGAWA MASAHIRO
(87) International Publication No	:NA	3)TOMONAGA AKIRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switch device for a power tool includes a switch case and a switch lever. The switch lever extends outwardly from within the switch case. The switch lever has a rotative portion rotatably supported by a support portion of the switch case. A waterproofing member is disposed between the rotative portion and the support portion and provides a waterproof seal therebetween.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2300/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SEALING ENCLOSURES FOR A CONNECTOR ON A CABLE, SUCH AS A STANDARDISED FIBRE-OPTIC CONNECTOR

(51) International classification	:G02B	(71) Name of Applicant :
(31) Priority Document No	:EP 09012270.6	1)TYCO ELECTRONICS NEDERLAND BV Address of Applicant :RIETVELDENWEG 32, NL - 5222 AR'S-HERTOGENBOSCH, THE NETHERLANS
(32) Priority Date	:28/09/2009	(72) Name of Inventor :
(33) Name of priority country	:EUROPEAN UNION	1)ELENBAAS, JACOB ARIE 2)VERHOEVEN, JARNO
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a sealing enclosure (1) and a sealing assembly comprising the sealing enclosure (1) and a mating enclosure (62) as well as a method to connect both. The sealing enclosure (1) loosely receives a connector (13) within a connector volume (27) so that the connector (13), which may be of a standard type used in electronic or optic data transmission, may be displaced within a plug face (25) at the forward end of the connector volume (27). Thus, the connector (13) may compensate variations in the position of a mating connector with respect to the mating enclosure (62). Moreover, the sealing enclosure (1) allows to seal off the connector volume (27) and engage the sealing enclosure (1) with a mating enclosure (62) in a single motion. This is effected by having a cable seal (7) interposed between an inner body (3) and an outer body (5). If the outer body (5) is moved forward to engage the mating connector (62), the cable seal (7) is squeezed between the cable (11) and the inner body (3) sealing off the connector volume (27) at the rearward end (21) of the inner body.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2301/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SEMICONDUCTOR DEVICE, METHOD FOR FABRICATING A SEMICONDUCTOR DEVICE AND LEAD FRAME, COMPRISING A BENT CONTACT SECTION

(51) International classification	:H01L
(31) Priority Document No	:EP 09012416.5
(32) Priority Date	:30/09/2009
(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 :**

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(72)**Name of Inventor :**

1)JAEGER, PETER DIRK

(57) Abstract :

The present invention relates to a semiconductor device comprising an integrated circuit die and a housing (122) comprising a base surface and at least one lateral surface which extends across to the base surface. In particular, this semiconductor device can be an electronic chip card, such as a universal integrated circuit card, UICC. The present invention also relates to a method for fabricating such a semiconductor device and to a lead frame for mounting an integrated circuit die. According to the present invention, at least one electrical contact element (104) is provided for electrically connecting the integrated circuit die (124) with an abutting counter contact (142), wherein said electrical contact element (104) has first and second mating sections (108, 110) which are arranged on said base surface (102) and lateral surface (106), respectively, and are connected to each other via a bent section (112).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2085/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DIRECT EVAPORATOR APPARATUS AND ENERGY RECOVERY SYSTEM

(51) International classification

:F01K

(31) Priority Document No

:12/559,871

(32) Priority Date

:15/09/2009

(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 :

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1)LEHAR MATTHEW ALEXANDER

2)FREUND SEBASTIAN W.

3)FREY THOMAS JOHANNES

4)AUMANN RICHARD

5)AST GABOR

(57) Abstract :

In one aspect of the present invention provides a direct evaporator apparatus for use in an organic Rankine cycle energy recovery system, comprising: (a) a housing comprising a heat source gas inlet, and a heat source gas outlet, said housing defining a heat source gas flow path from said inlet to said outlet; and (b) a heat exchange tube disposed entirely within said heat source flow path, said heat exchange tube being configured to accommodate an organic Rankine cycle working fluid, said heat exchange tube comprising a working fluid inlet and a working fluid outlet, said heat exchange tube defining three zones, a first zone adjacent to said heat source gas outlet, a second zone adjacent to said heat source gas inlet, and a third zone disposed between said first zone and said second zone, said working fluid inlet being in direct fluid communication with said first zone, and said working fluid outlet being in direct fluid communication with said third zone; wherein said first zone is not in direct fluid communication with said third zone. An organic Rankine cycle energy recovery system and a method of energy recovery are also provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2138/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RADIATION THICKNESS METER

(51) International classification	:G01N	(71) Name of Applicant :
(31) Priority Document No	:P2009-	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	210545	Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO JAPAN.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)OBARA SATOSHI
Filing Date	:NA	
(87) 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 radiation thickness meter comprising: a C type frame (1d) that is provided sandwiching a measurement subject (3) in a direction perpendicular to the pass-line plane along which the measurement subject is conveyed; a detection section (1) comprising a radiation source (1a) provided on one arm section facing the C type frame; a main detector (1b) that detects the transmitted radiation, provided on another arm section; and a subsidiary detector (1c) that detects scattered radiation scattered from the measurement subject in the vicinity of the main detector (1b); and a calculation section 2 provided with: a correction calculation section (2a) that stores correction coefficients found beforehand such that the change of output produced by increase/decrease of radiation detected by the main detector and the change of output of the scattered radiation component detected by the subsidiary detector coincide, and that, when the measurement subject moves in the optic axis direction perpendicular to the pass-line plane, selects and multiplies a correction coefficient with the output of the subsidiary detector, and, furthermore, finds the difference between the outputs of the main detector and the subsidiary detector; and a thickness calculation section (2b) that finds the thickness.

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2350/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ROTOR PLATFORM OF AERODYNAMIC FORCE AND METHOD OF AERODYNAMIC FORCE GENERATION

(51) International classification	:F03D
(31) Priority Document No	:A20091405
(32) Priority Date	:02/10/2009
(33) Name of priority country	:Belarus
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)KLIMOV VYACHESLAV STEPANOVICH

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220044 BELARUS

2)KLIMOV OLEG VYACHESLAVOVICH

(72)**Name of Inventor :**

1)KLIMOV VYACHESLAV STEPANOVICH

2)KLIMOV OLEG VYACHESLAVOVICH

(57) Abstract :

Rotor platform of aerodynamic force is meant for generating aerodynamic lift force in horizontal position and aerodynamic transverse force in vertical position, with further practical implementation as a robust power installation of transport vehicle facilities. The principle of operation of the platform is based on the well-known Magnus effect -generation of transverse force acting on an object spinning in the ambient air flow. The basis of the construction is the unit of several coplanar rotors, wherein the rotors spinning is caused by the air flow force and the rotors provide the summed value of the generated aerodynamic force.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2351/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STRUCTURE FOR COMBINING FILTER DRYER CHAMBER AND MICRO FILTER MEANS

(51) International classification	:B23P
(31) Priority Document No	:10-2010-0051954
(32) Priority Date	:01/06/2010
(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)LEE YONG HO

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REPUBLIC OF KOREA

(72)Name of Inventor :

1)LEE YONG HO

(57) Abstract :

Disclosed herein is a structure for combining a filter dryer chamber and a micro filter means. The structure includes a filter flange integrally provided on the micro filter means mounted to the lower end of a chamber and having a guide unit with a guide hole, with grooves and protrusions repetitively formed on the outer circumference of the guide unit at regular intervals. A guide rod includes a shank passing through the guide hole. An upper pressing unit is fastened to the protrusion using a bolt and has a slide surface. A chamber flange is integrally provided on the chamber, and includes a head insert hole and a recess. A clamp means is fitted into the recess, and has a step which upwardly presses the filter flange. A lower pressing unit is fastened to the step of the clamp means using a bolt and has a slide surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2293/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SPINNING UNIT

(51) International classification	:D01H	(71) Name of Applicant :
(31) Priority Document No	:2009-233786	1)MURATA MACHINERY, LTD
(32) Priority Date	:07/10/2009	Address of Applicant :3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(33) Name of priority country	:Japan	Japan
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)OKA MASAKI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A spinning unit 1 includes a draft device 5, a spinning device 6, a tension stabilizing device 8, a winding device 9, and a yarn defect detecting device 7. The draft device 5 drafts a fiber bundle F. The spinning device 6 produce a spun yarn Y from the fiber bundle F drafted by the draft device 5. The tension stabilizing device 8 stabilizes tension of the spun yarn Y produced by the spinning device 6. The winding device 9 winds a package 91 of the spun yarn Y fed from the tension stabilizing device 8. The yarn defect detecting device 7 can detect a yarn defect in the spun yarn Y. The yarn defect detecting device 7 is arranged between the spinning device 6 and the tension stabilizing device 8.

No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2294/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR BYPASSING AN INLET AIR TREATMENT FILTER

(51) International classification

:F02C

(31) Priority Document No

:12/576,566

(32) Priority Date

:09/10/2009

(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

(71)Name of Applicant :

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NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)UPADHYAY SIDDHARTH

2)CHILLAR RAHUL J.

(57) Abstract :

A method of assembling an inlet air filter assembly for use with a turbine engine system. The method includes coupling an inlet hood to an air filter enclosure, such that an airflow path is defined between the inlet hood and the air filter enclosure. A pre-filter is coupled to the inlet hood, such that the pre-filter is positioned within the airflow path. A filter bypass assembly is coupled to the pre-filter for moving the pre-filter from an operating position to a bypass position during operation of the turbine engine system.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2355/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INKJET PRINTER AND FILTER FOR AN INKJET PRINTER

(51) International classification	:B41J	(71) Name of Applicant :
(31) Priority Document No	:2009-230159	1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD.
(32) Priority Date	:02/10/2009	Address of Applicant :3, KANDA NERIBEI-CHO, CHIYODA-KU, TOKYO, JAPAN.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)NAGAMINE TOSHIHIDE
Filing Date	:NA	2)ARIMA TAKAHIRO
(87) International Publication No	:NA	3)MATSUSHITA TAKEHIKO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An inkjet printer is provided having a filter that is replaceable efficiently and quickly and capable of reducing the possibility of contamination of an operators hands and ambient surroundings. The filter includes a pipe connecting port which is connected in a channel through which ink or solvent flows and communicates with a primary side and a secondary side of an element of the filter. A channel block is provided with a housing cavity. A filter case is accommodated in the housing cavity and holds the filter element. The filter case is not connected with a pipe to the channel block. The filter case is detachable from the channel block, and a securing unit secures the filter case to the channel block.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2356/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR LINING LARGE DIAMETER PIPES WITH AN ENVIRONMENTALLY COMPATIBLE IMPERVIOUS MEMBRANE

(51) International classification	:B05B	(71) Name of Applicant :
(31) Priority Document No	:12/578,077	1)INSPAR ROBOTIC TECHNOLOGIES, INC.
(32) Priority Date	:22/10/2009	Address of Applicant :499 SOUTH TAMiami TRAIL, NOKOMIS, FLORIDA 34275 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KENT WEISENBERG
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and apparatus is disclosed for remotely and robotically installing an organic, monolithic, structural and non structural, circumferential and partial radius membranes in conduits, pipelines or passageways. The included apparatus has the mechanical function to manually or automatically center the liner dissipation device in any geometrical shape. The included apparatus possesses the remote controlled capability to manipulate centrifugal dissipation of the liner to afford consistent thickness on any shaped profile or flat surface of the pipe wall surface. The apparatus includes a manual or automatic mechanical scissoring device for elevation changes and a manual or automatic rotational table for shaft alignment. The apparatus includes a means of automated self alignment by way of proximity sensors. The pendulum oscillation bracketing incorporates a fluid driven motor assembly communicating with a bored shaft and integrates as many as two offset dissipation devices. The included apparatus has both fluid and electrical rotary unions to transmit fluids and current from fixed ports to a rotating shaft assembly. The included apparatus has a mechanical function facilitating cutting and retrieval of cured spray build up on the spray orifice. This method and apparatus will allow for continuous lining applications of any thickness in one pass, in conduits and passageways employing multi component liquid polymers with rapid mechanical properties formation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.2153/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TERMINAL FITTING

(51) International classification	:H02K
(31) Priority Document No	:JP2010-177312
(32) Priority Date	:06/08/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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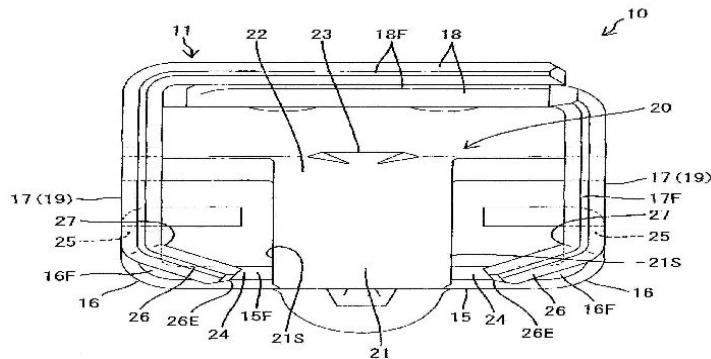
2)KAZUAKI TAKEDA

3)KATSUYA UEZONO

(57) Abstract :

An object of the present invention is to reliably protect a turned portion of a resilient contact piece. A terminal connecting portion 11 in the form of a rectangular tube includes a pair of side plate portions 17 standing up substantially at right angles from the opposite lateral edges of a base plate portion 15 via substantially quarter-circular curved portions 16. A resilient contact piece 20 includes a substantially arcuate turned portion 21 extending forward from a front end edge 15F of the base plate portion 15 and a main portion 22 extending backward from the extending end of the turned portion 21. A front end portion of the terminal connecting portion 11 is formed with first slits 24 extending backward from a front end edge 11P of the terminal connecting portion 11 along lateral edges 21S of the turned portion 21, second slits 25 extending from the rear ends of the first slits 24 along the front end edges 15F, 16F of the base plate portion 15 and the curved portions 16, and protecting plate portions 26 defined by the first and second slits 24, 25 and extending in a cantilever manner toward the turned portion 21. FIG. 1

FIG. 1



No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2313/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF DEFERASIROX

(51) International classification	:C07C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)VIR Dharam

(57) Abstract :

The present invention provides an improved process for the preparation of deferasirox, with a high degree of purity. Furthermore, the present invention relates to a novel crystalline form of monosodium salt of deferasirox and its use in the preparation of deferasirox, substantially free of impurities specifically genotoxic impurity viz. 4hydrazinobenzoic acid of formula (III). Further, it relates to the pharmaceutical composition and the use of deferasirox prepared by process of the present invention.

No. of Pages : 25 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.2370/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIRING CONNECTOR HOUSING

(51) International classification

:H01R

(31) Priority Document No

:12/694,447

(32) Priority Date

:27/01/2010

(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)LENNOX INDUSTRIES INC.

Address of Applicant :2100 LAKE PARK BOULEVARD,
RICHARDSON, TEXAS 75080, U.S.A.

(72)Name of Inventor :

1)CARLOS O. CHAMORRO

2)RANDALL L. LISBONA

3)RICK A. MAUK

(57) Abstract :

A wiring connector housing including a housing body-having first and second ends and at least one interference tab extending outwardly from the second end is provided. The wiring connector housing further comprises spaced apart channels located through the housing body extending from the first end to the second end with the first end of the channels each configured to receive a quick connector therein. Each of the second ends of the spaced apart channels being located to register with and receive corresponding quick connect terminals therein. The at least one interference tab is configured to contact an isolation ridge of an electrical relay and thereby prevent the second ends of the spaced apart channels from being improperly registered with the corresponding quick connect terminals.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.2371/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USB HVAC SERVICE VERIFICATION

(51) International classification	:G05B	(71) Name of Applicant :
(31) Priority Document No	:12/694,407	1)LENNOX INDUSTRIES INC.
(32) Priority Date	:27/01/2010	Address of Applicant :2100 LAKE PARK BOULEVARD, RICHARDSON, TEXAS 75080, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)ALAN E. BENNETT
Filing Date	:NA	2)ROBERT W. GILKISON
(87) International Publication No	:NA	3)MARK D. HESS
(61) Patent of Addition to Application Number	:NA	4)RICHARD A. MAUK
Filing Date	:NA	5)JOHN G. THOMAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An HVAC system includes an enclosure for containing components of the HVAC system. Associated with the enclosure is an HVAC system control unit including a microcontroller for controlling an operation of the HVAC system. The HVAC system control unit further includes a memory associated with the microcontroller and configured to store data associated with operation of the HVAC system. The microcontroller is configurable to directly transfer the data between the memory and a portable flash memory device. The HVAC system control unit further includes a portable flash memory device interface for coupling the portable flash memory device directly thereto.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2083/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HEAT PIPES FOR TRANSFERRING HEAT TO AN ORGANIC RANKINE CYCLE EVAPORATOR

(51) International classification

:F01K

(31) Priority Document No

:12/559,774

(32) Priority Date

:15/09/2009

(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) Abstract :

A first portion of each of a plurality of Qu-type heat pipes (12) is disposed in a hot gas path (14), and a second portion of each of the plurality of Qu-type heat pipes (12) disposed away from the hot gas path (14). Also, the first portion of each of the plurality of Qu-type heat pipes (12) extracts heat from the hot gas path (14) and wherein the second portion of each of the plurality of Qu-type heat pipes (12) creates a vapor that exits each second portion of the plurality of Qu-type heat pipes (12) and away from the hot gas path (14).

No. of Pages : 17 No. of Claims : 7

(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)BOOTH CHARLES MICHAEL

2)SWANSON LARRY WILLIAM

3)TAYLOR ROBERT WARREN

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2084/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMBUSTION CONTROL SYSTEM AND METHOD USING SPATIAL FEEDBACK AND ACOUSTIC FORCINGS OF JETS

(51) International classification	:F23N
(31) Priority Document No	:12/560,406
(32) Priority Date	:15/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)GENERAL ELECTRIC COMPANY

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

(72)**Name of Inventor :**

1)SEEKER WILLIAM RANDALL

(57) Abstract :

A system is provided that includes a combustion system (12) having a plurality of jets (54, 56, 58, 60); a spatial monitoring system (30) with a plurality of sensors (29) disposed in a spatial grid (28) within or downstream from the combustion system (12); and a control system (32) configured to adjust a forcing frequency of at least one fluid jet in the plurality of fluid jets (54, 56, 58, 60) in response to sensor feedback from the spatial monitoring system (30).

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2137/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SPINNING MACHINE

(51) International classification	:D01H	(71) Name of Applicant :
(31) Priority Document No	:2009-217023	1)MURATA MACHINERY, LTD
(32) Priority Date	:18/09/2009	Address of Applicant :3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 JAPAN.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)YOKOTA ITARU 2)OTA NARITOSHI 3)SAKAMOTO NAOTAKA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A spinning machine includes a plurality of spinning units, each spinning unit having a pneumatic spinning device which twists a fiber bundle F by air. Each spinning unit includes a compressed air feeding device, a first air pipe, and a cleanser supplying device. The compressed air feeding device feeds compressed air. The first air pipe guides the air fed by the compressed air feeding device. The cleanser supplying device adds cleanser to the air flowing through the first pipe. The cleanser supplying device adds the cleanser at upstream of a branch point where the air flowing through the first air pipe branches off to each of the pneumatic spinning devices.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2299/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RECORDING MEDIA TRANSPORTATION CONTROL METHOD AND PRINTER

(51) International classification	:B41J	(71) Name of Applicant :
(31) Priority Document No	:2009-233070	1)SEIKO EPSON CORPORATION Address of Applicant :4-1, NISHISHINJUKU 2 - CHOME, SHINJUKU-KU, TOKYO 163 - 0811, JAPAN.
(32) Priority Date	:07/10/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KAN, SO 2)USHIYAMA, YOSHIKI
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In a printer that prints to continuous paper, starting to backfeed the recording paper for printing the next print job before the user cuts the previously printed page can be prevented. The printer 1 prints while conveying recording paper 2 delivered from fanfold paper through a transportation path A, and after printing cuts the recording paper 2 using a cutter 7 disposed near the paper exit 4. When printing ends, the control unit 8 positions the perforation 2a at the trailing end of the printed page to a printing position C, and sets a tear-off state holding the recording paper 2 where positioning was completed. When new print data is received while in the tear-off state, the recording paper 2 transportation operation is prohibited and the tear-off state is continued until a preset delay time passes. When the delay time has passed, the recording paper 2 is immediately fed back and indexed for the next print job.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2409/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HEAT DISSIPATING ASSEMBLY

(51) International classification	:H05K	(71) Name of Applicant :
(31) Priority Document No	:099128138	1)SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO., LTD.
(32) Priority Date	:23/08/2010	Address of Applicant :12F-1, NO. 120, CHUNG-CHENG 1ST ROAD, LINGYA DIST., KAOHSIUNG, TAIWAN
(33) Name of priority country	:Taiwan	(72) Name of Inventor :
(86) International Application No	:NA	1)ALEX HORNG
Filing Date	:NA	2)CHI-HUNG KUO
(87) International Publication No	:NA	3)CHIH-HAO CHUNG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A heat dissipating assembly includes a circuit board (1) having opposite first and second faces (11, 12). The circuit board (1) further includes a through-hole (13) extending from the first face (11) through the second face (12). A heat generating element (2) is mounted on the first face (11) of the circuit board (1) and electrically coupled to the circuit board (1). The heat generating element (2) includes a heat conducting portion (22) aligned with the through-hole (13). A heat dissipating unit (3) includes a base (31) having an engaging face (311) in contact with the second face (12) of the circuit board (1). A heat conducting adhesive (4) is filled in the through-hole (13). The heat conducting adhesive (4) is engaged with the engaging face (311) of the base (31) and the heat conducting portion (22) of the heat generating element (2). The heat generating element (2) is directly engaged with the heat dissipating unit (3) by the heat conducting adhesive (4) to effectively enhance the overall heat dissipating efficiency while reducing the number of members to lower the manufacturing costs.

No. of Pages : 32 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2266/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR ANALYZING REPORTING DATA

(51) International classification

:G06F

(31) Priority Document No

:12/575,242

(32) Priority Date

:07/10/2009

(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

(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)WOSTE CLEMENS

(57) Abstract :

Embodiments of the invention include systems and methods for analyzing reporting data. According to one embodiment a system 100 for analyzing reporting data is provided. The system can include at least one communication interface 435, at least one memory 405 operable to store instructions 415, and at least one processor 410 in communication with the communication interface 435 and the memory 405. The processor 410 can execute the instructions 415 to: extract 205 historical data associated with the operation of at least one machine 108; generate 215 an output of an analytical report based on the historical data 106; automatically identify 225 an indication of at least one machine status by processing 220 the output of the analytical report with respect to at least one trigger condition associated with the indication of the machine status; and generate 230 an alarm in response to automatically identifying the indication of the machine status.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2268/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR FINE POLARIZATION REFLECTOR ANTENNA
ADJUSTMENT

(51) International classification	:H01Q
(31) Priority Document No	:61246665
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ANDREW LLC

Address of Applicant :1100 COMMSCOPE PLACE SE
HICKORY, NC 28602 U.S.A.

(72)Name of Inventor :

1)LEWRY, MATTHEW

2)SYED, JUNAID

3)TAPPIN, KEITH

4)HILLS, CHRIS

(57) Abstract :

A polarization adjustment assembly for a reflector antenna is provided with a radio bracket with a mounting flange. The mounting flange is coupled to a hub provided with a stop portion. Fasteners couple the radio bracket to the hub via slots in the mounting flange, rotatable with respect to the hub within the extents of the slots. An adjustment bolt passes through a boss coupled to the mounting flange. The adjustment bolt abuts the stop portion, whereby longitudinal displacement of the adjustment bolt with respect to the boss rotates the radio bracket with respect to the hub. Alternatively, the positions of the boss and stop portion on the mounting flange and hub may be exchanged.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2011

(21) Application No.2422/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MANUFACTURING METHOD OF GRAIN-ORIENTED ELECTRICAL STEEL SHEET

(51) International classification	:B64D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NIPPON STEEL CORPORATION

Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
CHIYODA,-KU, TOKYO 100-8071 Japan

(72)Name of Inventor :

1)YOSHIYUKI USHIGAMI

(57) Abstract :

In decarburization annealing, a cold-rolled steel strip is heated in an atmosphere with an oxidation degree of 0.25 to 1.0 in a temperature range of 750°C to 800°C at an average heating rate of 2.5°C/s or more, and next a first soaking treatment is performed in an atmosphere with an oxidation degree of 0.25 to 1.0 at a temperature of 800°C to 900°C; and next a second soaking treatment is performed in an atmosphere with an oxidation degree of 0.03 to 0.25 at a temperature of 800°C to 900°C.

No. of Pages : 52 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2011

(21) Application No.2424/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTROL TERMINAL APPARATUS AND CONTROL METHOD

(51) International classification	:A61N	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	197529	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:13/09/2010	TOKYO, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)JUNICHI NAKAMURA
Filing Date	:NA	
(87) 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 terminal apparatus includes a transmission unit transmitting a control signal to audio output apparatuses, a display unit, an operation detector detecting an operation associated with display content, and a controller displaying individual volume setting sections which correspond to the audio output apparatuses and which include operation members performing variable operations of volume settings while volume setting states are displayed, displaying a master volume setting section including an operation member performing collective variable operation while the volume balance of the audio output apparatuses is maintained, executing clear display of a setting changeable range in which the volume balance is maintained in the master volume setting section, generating, when the operation detector detects an operation performed on one of the individual volume setting sections or the master volume setting section, a control signal corresponding to content of the operation, and causing the transmission unit to transmit the control signal.

No. of Pages : 116 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.1775/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CRYOGELS OF PVA-BORONIC ACID CONTAINING CO-POLYMERS FOR CELL CULTURE

(51) International classification	:B64D	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR Address of Applicant :Kanpur Uttar Pradesh 208016 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)ASHOK KUMAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cryogel contains a polyol and a co-polymer of Formula I:

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.1776/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CASE FOR HOUSING AND CONTAINER FOR ELONGATED OBJECTS

(51) International classification	:B64D
(31) Priority Document No	:TO2010A000541
(32) Priority Date	:23/06/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)OTO MELARA SPA

Address of Applicant :VIA VALDILOCCHI, 15-19136 LA
SPEZIA, ITALY

(72)**Name of Inventor :**

1)ANDREA CHIAPPINI

(57) Abstract :

Case for housing elongated objects comprising a box body (2), having a size such that it can adequately contain the elongated object (0), which is inserted in such body through a front opening (21). The case comprises means for locking the object housed in the case itself comprising at least a movable plate (23) arranged along at least a border (24) of such opening (21), movable between an open position wherein it impedes the passage from the inside to the outside of the case to the object to be kept and a closed position wherein it substantially arranges along at least a side (25) of the box body, in such a way as not to substantially obstruct said opening.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.1777/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COUPLING DEVICE FOR DETACHABLY CONNECTING AN EYEPIECE OF AN ENDOSCOPE OPTICAL SYSTEM WITH A CAMERA CAMERA LENS

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:10 2010 025556.4	1)RICHARD WOLF GMBH Address of Applicant :PFORZHEIMER STRASSE 32, 75438
(32) Priority Date	:29/06/2010	KNITTLINGEN, Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)FREDY FABER
Filing Date	:NA	2)ALEXANDER LAMPERT
(87) International Publication No	:NA	3)ANDREAS MICHELS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A coupling device for detachably connecting an eyepiece of an endoscope optical system with a camera lens exhibits a receptacle for the eyepiece, attachment means for securing the eyepiece in the receptacle, and a manually activated handle arranged on the outside for releasing the attachment. The attachment means are here controlled by the eyepiece in such a way as to automatically attach the eyepiece in the receptacle while introducing the eyepiece into the receptacle.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.1831/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POWER SUPPLY CONTROLLER WITH AN INPUT VOLTAGE COMPENSATION CIRCUIT

(51) International classification

:G05F

(31) Priority Document No

:12/550,268

(32) Priority Date

:28/08/2009

(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)POWER INTEGRATIONS, INC.

Address of Applicant :5245 HELLYER AVENUE, SAN
JOSE, CA 95138 U.S.A.

(72)Name of Inventor :

1)WANG ZHAO-JUN
2)PHAM GIAO M.

(57) Abstract :

An example controller for a power supply includes a drive signal generator and a compensation circuit. The drive signal generator is to be coupled to control switching of a switch included in the power supply to regulate an output voltage of the power supply in response to a sensed output voltage such that the output voltage of the power supply is greater than an input voltage of the power supply. The compensation circuit is coupled to the drive signal generator and is also coupled to output an offset current to adjust the sensed output voltage in response to the input voltage of the power supply.

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.1833/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM, METHOD AND PROGRAM PRODUCT FOR CAMERA-BASED OBJECT ANALYSIS

(51) International classification	:G06K	(71) Name of Applicant :
(31) Priority Document No	:12/542,994	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:18/08/2009	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)DORETTO GIANFRANCO
Filing Date	:NA	2)YAO YI
(87) 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, method and program product for camera-based object analyses including object recognition, object detection, and/or object categorization. An exemplary embodiment of the computerized method for analyzing objects in images obtained from a camera system includes receiving image(s) having pixels from the camera system; calculating a pool of features for each pixel; then deriving either a pool of radial moment of features from the pool of features and a geometric center of the hnage(s) or a pool of central moments of features from the pool of features; then calculating a normalized descriptor, based on an area of the image(s) and either of the derived pool of moments of features; and then based on the normalized descriptor, a computer then either recognizes, detects, and/or categorizes an objec(s) in the image(s).

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2445/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REAL TIME EVENT REVIEWING SYSTEM AND METHOD

(51) International classification	:F21S
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RAGHAV, AVNEESH KUMAR

Address of Applicant :240, KRISHNA VIHAR,
JWALANAGAR, RAMPUR, UTTAR PRADESH, INDIA

2)GHAI, AYUSH

3)GAUTAM, PRASHANT

4)AGRAWAL, SAURABH

(72)Name of Inventor :

1)RAGHAV, AVNEESH KUMAR

2)GHAI, AYUSH

3)GAUTAM, PRASHANT

4)AGRAWAL, SAURABH

(57) Abstract :

The invention discloses a method for collating real time comments from a plurality of users associated with an event enabling a user to provide the real time comments on proceedings occurring in the event using a communication device. The method of collating real time comments comprises providing real time comments for the event, wherein the real time comments are provided on a communication device. Thereafter, identifying a position parameter value of the real time comment by the communication device and sending the comments data to the central server by the communication device, wherein the comments data comprises real time comments and the position parameter values, followed by processing the comments data by the central server. Processing of the comments data would further comprise collating the real time comments of the user with real time comments from the plurality of users. The user comments are thus synced using algorithms, with a single timeline of the respective event stored in the central server.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2036/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OPTICAL ELEMENT AND METHOD FOR MANUFACTURING OPTICAL ELEMENT

(51) International classification	:G02F	(71) Name of Applicant :
(31) Priority Document No	:P2009-	1)SONY CORPORATION
	203181	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:02/09/2009	TOKYO, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)HIDETOSHI TAKAHASHI
Filing Date	:NA	2)FUMIHIKO IIDA
(87) International Publication No	:NA	3)HIROYUKI KISO
(61) Patent of Addition to Application Number	:NA	4)YU NOMURA
Filing Date	:NA	5)HIROSHI TAZAWA
(62) Divisional to Application Number	:NA	6)RYO NISHIMURA
Filing Date	:NA	

(57) Abstract :

An optical element with an antireflection function is provided with a substrate having a surface and a plurality of structures formed from convex portions or concave portions and arranged in large numbers on the surface of the substrate with a minute pitch less than or equal to the wavelength of the visible light, wherein the modulus of elasticity of the material forming the structures is 1 MPa or more, and 1,200 MPa or less, and the aspect ratio of the structure is 0.6 or more, and 1.5 or less.

No. of Pages : 177 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.2359/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANTI-INFLAMMATORY AND ANTI-ANGIOGENIC PEPTIDES AND THEIR USES

(51) International classification

:A61K

(31) Priority Document No

:61/400,822

(32) Priority Date

:08/03/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

A method to treat angiogenesis and inflammatory related diseases, by treating a patient with at least one peptide sequence possessing physico-chemical relatedness with SEQ ID NO: 54 (JC15-10N).

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

(71)Name of Applicant :

1)ISSAR PHARMACEUTICALS PVT. LTD.

Address of Applicant :H. NO. 8-3-1029, PLOT NO. 90, FLAT NO. 101, GAYATRI NEST, SRINAGAR COLONY, HYDERABAD, 50007 Andhra Pradesh India

(72)Name of Inventor :

1)JESSE MICHAEL JAYNES

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.2360/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONVEYOR BELT WITH VARYING FLEXIBILITY AND METHOD OF CONSTRUCTION OF SAME

(51) International classification	:B65G
(31) Priority Document No	:61/250,462
(32) Priority Date	:09/10/2009
(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

(71)Name of Applicant :

1)VEYANCE TECHNOLOGIES, INC.

Address of Applicant :703 S. CLEVELAND-MASSILLON RD., FAIRLAWN, OH, 44333-3023, U.S.A.

(72)Name of Inventor :

1)TERRY DEAN GRABER

2)WESLEY JAMES BILLUPS

(57) Abstract :

A conveyor belt having a width and a length, and a longitudinal centerline, also has a first longitudinal edge, and an opposing second longitudinal edge and a load bearing region. The load bearing region is located evenly about the belt longitudinal centerline, throughout the length of the belt. The conveyor belt also has a first flexibility region and a second flexibility region, wherein the first flexibility region is located between the first longitudinal edge and the load bearing region, and the second flexibility region is located between the second longitudinal edge and the load bearing region. The conveyor belt further comprises at least one fabric layer, having a width corresponding to the conveyor belt width, and having a length corresponding to the conveyor belt length, wherein the fabric layer has a density which varies over the fabric layer width; and wherein the fabric layer density is higher in the first and second longitudinal edges and the load bearing region than the fabric layer density in the first and second flexibility region.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2414/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND MACHINERY WITH COMBINED PARTICLE SEPARATION AND FLOW REGULATION DEVICES

(51) International classification	:F04D
(31) Priority Document No	:CO2009A000039
(32) Priority Date	:12/10/2009
(33) Name of priority country	:Italy
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)NUOVO PIGNONE S.P.A.

Address of Applicant :VIA FELICE MATTEUCCI, 2, 50127
FLORENCE, ITALY

(72)Name of Inventor :

1)CIRRI MASSIMILIANO

2)MEI LUCIANO

(57) Abstract :

A method for assembling turbomachinery having combined particle separation device and flow regulating device is provided. The turbomachinery includes a casing; a compressor attached to an inside of the casing, the compressor having a shaft supported by bearings; and a cooling system mounted inside the casing and configured to cool the bearings of the compressor with a cooling fluid. The cooling system includes a particle separation device configured to separate particles from the cooling fluid, and a flow regulation device that fluidly communicates with the particle separation device without contacting the particle separation device. The flow regulation device is disposed adjacent to the particle separation device within a wall of the casing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2461/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR DETERMINING SHAPE OF END OF WELDING BEAD

(51) International classification	:B60F
(31) Priority Document No	:2010-192129
(32) Priority Date	:30/08/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)SUZUKI MOTOR CORPORATION

Address of Applicant :300 Takatsuka-cho Minami-ku
Hamamatsu-shi Shizuoka-ken Japan

(72)**Name of Inventor :**

1)ISHIDA Hidenobu

2)OZAWA Naoki

3)HAGIHARA Tsukasa

4)USUI Shuichi

(57) Abstract :

An apparatus 1 of the present invention includes a laser emitting unit 2 a monitor unit 3 a storage unit 4 an image extraction unit 5 a bead recognition unit 6 and a bead shape determination unit 7. The bead shape determination unit 7 is configured to calculate the position of the end of a bead region based on the bead region recognized by the bead recognition unit 6 and to determine whether the shape of the end of the bead region is convex or concave in the extending direction of the bead region.

No. of Pages : 51 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2148/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMBINED CATHETER FOR ANGIOGRAPHY

(51) International classification

:A61M

(31) Priority Document No

:P090103980

(32) Priority Date

:15/10/2009

(33) Name of priority country

:Argentina

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BETTINOTTI, MARCELO OMAR

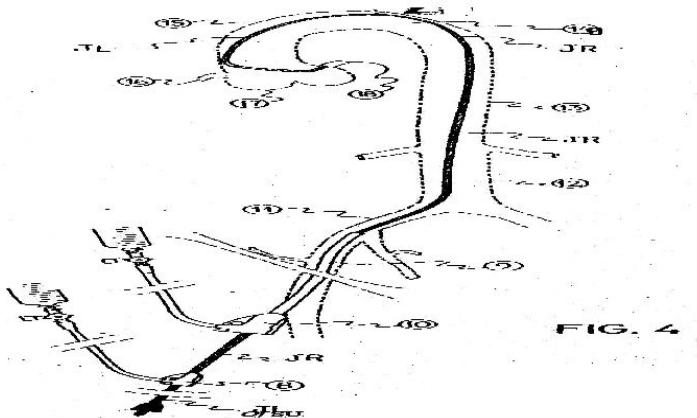
Address of Applicant :CHIVILCOY 2745, BUENOS AIRES
(1417), ARGENTINA

(72)Name of Inventor :

1)BETTINOTTI, MARCELO OMAR

(57) Abstract :

It is a specially conceived catheter to perform a coronary catheterization by the femoral route with a prior puncture and placing of 2mm introducers, using the Judkins catheter curves but without the need of first advancing the JL catheter and then the JR. It comprises a Judkins JR right coronary catheter, which contains in its interior a Judkins JL left coronary catheter that distally protrudes, disposing the section, defining the primary and secondary curves projecting from the distal end of the JR catheter of the right coronary, which is tapered and blunt in its own distal end section. It is emphasized that the JR catheter has incorporated a haemostatic valve hand in hand with its proximal end.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.2148/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITIONS CONTAINING 1,2-BENZISOTHIAZOLIN-3-ONE

(51) International classification

:C07C

(31) Priority Document No

:61/371,811

(32) Priority Date

:09/08/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DOW GLOBAL TECHNOLOGIES, LLC.

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

2)ROHM AND HAAS COMPANY

(72)Name of Inventor :

1)PIERRE MARIE ALAIN LENOIR

2)PATRICK THOMAS FELDER

3)ANTON OSKAR METTLER

(57) Abstract :

In a first aspect of the present invention, there is provided a composition comprising 1,2-benzisothiazolin-3-one dispersed in an aqueous medium and further comprising one or more polysaccharide; wherein either (a) said composition comprises no surface-active compound, or (b) said composition comprises one or more surface-active compounds, and the amount of said surface-active compounds in said composition is less than 0.4% by weight based on the weight of said composition.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.2149/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD OF FABRICATING AN OPTICAL FIBER PREFORM

(51) International classification	:G01S	(71) Name of Applicant :
(31) Priority Document No	:1056542	1)DRAKA COMTEQ B.V.
(32) Priority Date	:10/08/2010	Address of Applicant :DE BOELELAAN 7, 1083 HJ AMSTERDAM, THE NETHERLANDS
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:NA	1)LOUIS-ANNE DE MONTMORILLON
Filing Date	:NA	2)FRANS GOOIJER
(87) International Publication No	:NA	3)PIERRE SILLARD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of fabricating an optical fiber preform that comprises, from the center towards the periphery, a central core, intermediate cladding, a buried trench, and outer cladding, the method comprising the steps of: preparing a first rod constituting at least the central core, the first rod being prepared by chemical vapor deposition (CVD) in a first tube; preparing a hollow second rod constituting at least the buried trench, the second rod being prepared by chemical vapor deposition (CVD) in a second tube; and fitting the second rod as a sleeve on the first rod. Such a method serves to fabricate large-capacity fiber preforms while using deposition benches of small and/or medium deposition capacity.

No. of Pages : 30 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.2372/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CUSTOMER EQUIPMENT PROFILE FOR HVAC CONTROLS CROSS-REFERENCE TO RELATED APPLICATION

(51) International classification	:G05D
(31) Priority Document No	:12/694,423
(32) Priority Date	:27/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)LENNOX INDUSTRIES INC.

Address of Applicant :2100 LAKE PARK BOULEVARD,
RICHARDSON, TEXAS 75080, U.S.A.

(72)**Name of Inventor :**

- 1)MARK D. HESS
2)RICHARD A. MAUK
3)JOHN G. THOMAS**
-

(57) Abstract :

Disclosed herein is a heating, ventilating, and air conditioning (HVAC) unit and controller with memory provisions for storing, receiving, and transmitting customer equipment profiles. The controller may include a plurality of profiles that allows a selection thereof for restoration. A method for configuring HVAC equipment, including a customer profile database and efficiently transmitting unique customer and factory profiles, is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2011

(21) Application No.2594/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WATER MANAGEMENT SYSTEM

(51) International classification	:E03C 1/02
(31) Priority Document No	:571668
(32) Priority Date	:30/09/2008
(33) Name of priority country	:New Zealand
(86) International Application No	:PCT/NZ2009/000204
Filing Date	:29/09/2009
(87) International Publication No	:WO 2010/039045
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAVID JOHN PICTON

Address of Applicant :29 LADY RUBY DRIVE, EAST TAMAKI, AUCKLAND, 2141, NEW ZEALAND.

(72)Name of Inventor :

1)DAVID JOHN PICTON

(57) Abstract :

A method of managing and conserving water at a point of use, by installing a control panel and at least one electrically operated valve in a plumbing line, which valve can monitor at least pressure and flow rate, and allow the calculation of the total volume of flow in a particular line. The valve being controlled by a controller programmed to prevent water loss by monitoring the pressure and flow rate in a particular line to detect and prevent water consumption outside controlled parameters by shutting off the valve if the system detects an uncontrolled flow, such as faucet being left on, or a leaky toilet cistern, or the water flow in a zone exceeding a predetermined quota.

No. of Pages : 71 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2011

(21) Application No.2597/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CRANIAL ELECTROSTIMULATION ELECTRODE UNIT

(51) International classification	:A61N 1/18.
(31) Priority Document No	:0817091.2
(32) Priority Date	:18/09/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2009/006864
Filing Date	:17/09/2009
(87) International Publication No	:WO 2010/032112
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TO BE FIRST AG

Address of Applicant :BAARERSTRASSE 8, CH-6300 ZUG,
Switzerland

(72)Name of Inventor :

1)ROBERT RUSSELL GREY

(57) Abstract :

An electrode unit (11) is provided for use in cranial electrostimulation in which an electric current transferring electrode (15, 31) operatively transfers electrical energy to the region of an ear of a patient. The electrode unit has an electrode carried on the outer periphery of an audio earphone (12) of the type suitable for engagement in the entrance to, or within, the auditory canal of an ear of a patient. The electrode has an electrical contact area for operatively transferring electrical energy between the electrode and the skin of a patient fitted with the electrode unit. The electrode may have a contact surface layer exposed for direct contact with the skin of a patient, in use, or it may have an electrically conductive cover (16) for the electrode itself. Typically, the electrode unit forms one of a pair thereof in which instance the audio earphones are a pair of stereo earphones of substantially conventional type.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2011

(21) Application No.2598/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COATING COMPOSITION AND METHOD FOR PRODUCING THE SAME, COATING FILM AND UNDERWATER STRUCTURES

(51) International classification	:C09D 201/02	(71) Name of Applicant :
(31) Priority Document No	:2008-253597	1)NIPPON PAINT CO., LTD.
(32) Priority Date	:30/09/2008	Address of Applicant :2-1-2, OYODOKITA, KITA-KU, OSAKA-SHI, OSAKA 531-8511 Japan
(33) Name of priority country	:Japan	2)NIPPON PAINT MARINE COATINGS CO.,
(86) International Application No	:PCT/JP2009/066747	(72) Name of Inventor :
Filing Date	:28/09/2009	1)NAOKI YAMAMORI
(87) International Publication No	:WO 2010/038692	2)HIROSHI TOMINAGA
(61) Patent of Addition to Application Number	:NA	3)MAMORU SHIMADA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are coating composition containing an organic polymer particle (A) composed of an organic polymer having a hydroxyl group and a cationic group in a molecule, the weight average particle size of which being 10 to 35 μm , and a base resin (B), wherein the content of the organic polymer particle (A) is 0.5 to 5.0% by weight in the solid content of the coating composition, and a method of producing the same, and a coating film and underwater structure using the coating composition. The base resin (B) has a group represented by the following general formula (1): -COO-M-OCO-A (1) (wherein, M represents a divalent or higher valent metal, and A represents an organic acid residue of monobasic acid) or a group represented by the following general formula (2): -COO-Si(R1R1R3) (2) (wherein, R1 R2 and R3, which may be the same or different, represent an isopropyl group or an n-butyl group) in a side chain, or has a cross-linking structure represented by the following general formula (3): -COO-M-OCO- (3) (wherein, M represents the same meaning as described above).

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.2643/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD SYSTEM AND DEVICE FOR DATA TRANSMISSION IN PAGING STATE

(51) International classification	:H04W 16/00
(31) Priority Document No	:200810222200.6
(32) Priority Date	:11/09/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/073888
Filing Date	:11/09/2009
(87) International Publication No	:WO 2010/028605
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY

Address of Applicant :NO.40, XUEYUAN RD, Haidian District Beijing, 100191, PR CHINA

(72)Name of Inventor :

1)XIAOKA LI

(57) Abstract :

The present invention provides a method for data transmission in paging state, including the following steps: a base station receiving a data frame that is sent by an RNC and carries transmission data, a format of the data frame being selected by the RNC according to UE information and cell configuration information; the base station determining a timing relationship between a Paging Indicator and the transmission data sent to the UE according to the format of the data frame and timing relationship parameters; the base station sending the Paging Indicator to the UE, and sending the transmission data to the UE according to the timing relationship determined, the UE, after having received the Paging Indicator, determining a receiving time for receiving the transmission data according to the timing relationship parameters, the UE information and the cell configuration information. In the present invention, when the paging data is sent, in a situation that the cell is configured with a PCH channel, the PCH channel is preferred to send the paging data, thereby avoiding mutual interface between a traditional PCH channel and an HS-PDSCH carrying a paging message in an enhanced paging mode.

No. of Pages : 31 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2010

(21) Application No.1769/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OPTICAL ELEMENT AND METHOD FOR PRODUCING THE SAME

(51) International classification	:G02B	(71) Name of Applicant :
(31) Priority Document No	:P2009-	1)SONY CORPORATION
	203178	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:02/09/2009	TOKYO, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)SOHMEI ENDOH
Filing Date	:NA	2)KAZUYA HAYASHIBE
(87) 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 optical element having an anti-reflection function includes a base having a first main surface and a second main surface; a plurality of structures composed of projections or recesses and arranged on the first main surface at a fine pitch equal to or less than the wavelength of visible light for which the amount of reflection is to be reduced; and a light-absorbing layer that absorbs the light and that is disposed on the second main surface, wherein the structures are arranged so as to form a plurality of rows of tracks on the first main surface and form a hexagonal lattice pattern, a quasi-hexagonal lattice pattern, a tetragonal lattice pattern, or a quasi-tetragonal lattice pattern, and the structures each have an elliptical cone shape or a truncated elliptical cone shape, the major axis direction of which is a direction in which the tracks extend.

No. of Pages : 139 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2028/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LIQUID COOLED STATOR TERMINAL BLOCK FOR AN ELECTRIC MACHINE

(51) International classification	:H02K	(71) Name of Applicant :
(31) Priority Document No	:12/616,416	1)REMY TECHNOLOGIES, L. L. C.
(32) Priority Date	:11/11/2009	Address of Applicant :600 CORPORATION DRIVE, 2ND FLOOR PENDLETON, INDIANA 46064 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)CHAMBERLIN, BRADLEY D.
Filing Date	:NA	2)KERNUS, VICTOR
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric machine including a housing having an outer surface and an inner surface that defines an interior portion. The housing includes a connection zone. A fluid circuit passes, at least in part, through the housing. The fluid circuit includes an inlet portion and an outlet portion. A stator assembly is arranged within the interior portion of the housing. The stator assembly includes at least one connector lead, and a terminal block extending through the housing. The terminal block includes a non-electrically conductive member that is sealed against the housing. The non-electrically conductive member includes a fluid cavity. At least one electrically conductive member is covered, at least in part, by the non-electrically conductive member. The fluid cavity guides a fluid along a portion of the at least one electrically conductive member to absorb heat.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2188/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LOW LUBE OIL PRESSURE ALARM SYSTEM FOR TRACTOR.

(51) International classification	:F01M
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ESCORTS LIMITED

Address of Applicant :AGRI MACHINERY GROUP, 18/4,
MATHURA ROAD, FARIDABAD-121 007 Haryana India

(72)Name of Inventor :

1)RAJNEESH AGGARWAL

2)SHOBHIT GUPTA

3)PUNIT BHARDWAJ

4)AKSHAY SEHGAL

(57) Abstract :

This invention relates to a low lube oil pressure alarm system for tractor comprising of a battery connected to low lube pressure safety, which is provided in connection with a relay.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2010

(21) Application No.2239/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR IMPROVED REMOVAL OF CATIONS BY MEANS OF CHELATING RESINS

(51) International classification	:B01J	(71) Name of Applicant :
(31) Priority Document No	:10 2009	1)LANXESS DEUTSCHLAND GMBH
	047 847.7	Address of Applicant :D-51369 LEVERKUSEN, GERMANY
(32) Priority Date	:30/09/2009	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)REINHOLD KLIPPER
(86) International Application No	:NA	2)STEFAN NEUMANN
Filing Date	:NA	3)JENS STOLL
(87) International Publication No	:NA	4)MICHAEL SCHELHAAS
(61) Patent of Addition to Application Number	:NA	5)PIERRE VANHOORNE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for improved removal of cations, preferably alkaline earth metals, in particular calcium and barium, from aqueous solutions using chelating resins having acetic acid and/or iminodiacetic acid groups having high dynamic absorption capacity for cations at a low residual content of the cations and high regeneration efficiency, to the chelating exchangers themselves, and also to uses thereof.

No. of Pages : 34 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.2647/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SIMULATION OF MEDICAL IMAGING

(51) International classification :G09B 9/00
(31) Priority Document No :61/100,083
(32) Priority Date :25/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2009/001351
 Filing Date :24/09/2009
(87) International Publication No :WO 2010/034117
(61) Patent of Addition 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)NADEAU, SEBASTIEN
3)PILETTE, STEPHANE
4)ROUSSEAU, JEAN-MARC
5)BEAULIEU, YANICK

(57) Abstract :

There is described a method for simulating an imaging process for an organ, the method comprising: retrieving from a memory a 3D volume model of the organ, the 3D volume model describing a 3D structure of the organ and a distribution of density within the 3D structure, the 3D structure representing a surface and internal features of the organ; generating a slice of the 3D model according to a position and an orientation of an imaging device, the slice including a cross-section of the surface and the internal features; rendering an image in accordance with the slice; and displaying the image.

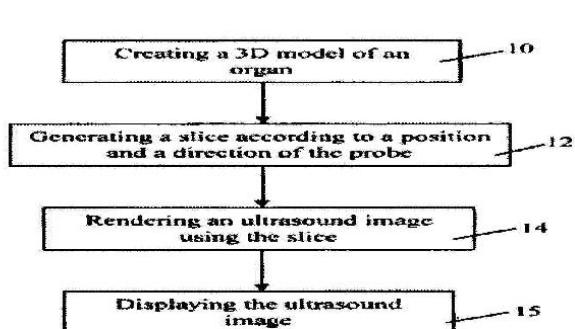


FIGURE 1a

No. of Pages : 45 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2410/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SCREED FOR ROAD FINISHING MACHINE

(51) International classification	:E01C
(31) Priority Document No	:09013219.2
(32) Priority Date	:20/10/2009
(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)JOSEPH VOGELE AG

Address of Applicant :JOSEPH-VOGELE-STR. 1, 67075
LUDWIGSHAFEN, Germany

(72)Name of Inventor :

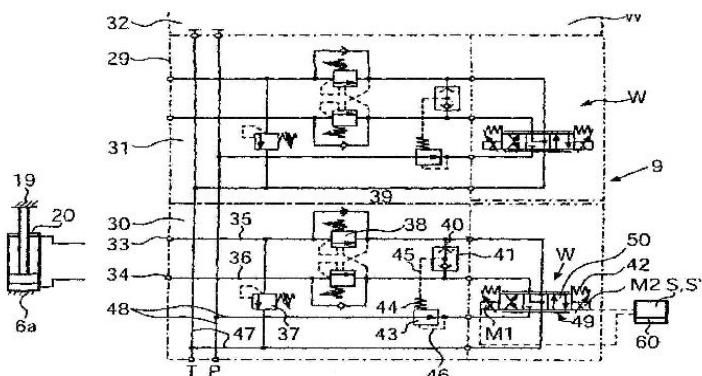
1)ROMAN MUNZ

2)MARTIN BUSCHMANN

3)ACHIM EUL

(57) Abstract :

In a screed (B) with a basic screed (16) and at least one extendable screed (19) movable relative to the basic screed (16) with a hydraulic cylinder (20) and an electro-hydraulic control (S, S) comprising a magnet-actuated directional control valve at least for controlling the direction of the hydraulic cylinder, the directional control valve for changing the rate of motion of the hydraulic cylinder (20) guided by an operator or automatically is a proportional directional control valve (W) with proportional-electric direct actuation or proportional-electric-hydraulic pilot control. The proportional directional control valve (W) for the hydraulic cylinder (20) is connected on the actuation side with an electro-hydraulic control (S, S) of a hydraulic system (9) of the road finishing machine (F). (Fig. 8)



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2011

(21) Application No.2633/DELNP/2011 A

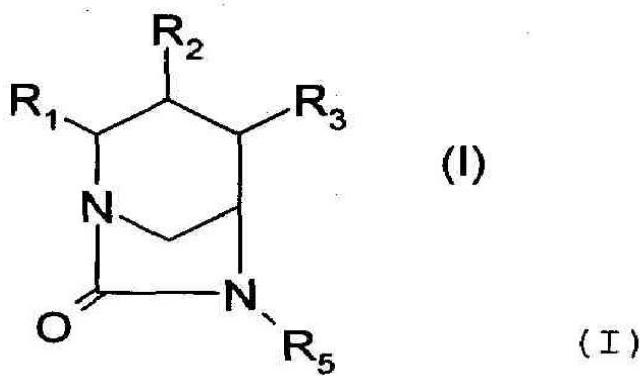
(43) Publication Date : 27/09/2013

(54) Title of the invention : NITROGENOUS HETEROCYCLIC COMPOUNDS, PREPARATION THEREOF, AND USE THEREOF AS ANTIBACTERIAL AGENTS

(51) International classification	:C07D 487/18	(71) Name of Applicant :
(31) Priority Document No	:FR 08 05602	1)NOVEXEL
(32) Priority Date	:10/10/2008	Address of Applicant :102 AVENUE GASTON ROUSSEL, 93230 ROMAINVILLE, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/IB2009/006403	1)LEDOUSSAL, BENOIT
Filing Date	:29/07/2009	2)GOURDEL, MARIE-EDITH
(87) International Publication No	:WO 2010/041108	3)RENAUD, EMILIE
(61) Patent of Addition to Application Number	:NA	4)PIERRES, CAMILLE
Filing Date	:NA	5)KEBSI, ADEL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Nitrogenous Heterocyclic Compounds, Preparation thereof, and Use thereof as Antibacterial Agents The invention relates to nitrogenous heterocyclic compounds of formula (I): in which: R1 represents hydrogen, -(CH2)m-NH2, -(CH2)m-NH (C1-C6) alk, -(CH2)m-N(C1-C6)alk2, -(CH2)m-NH-C(NH)NH2 or -{CH2)m-NH-CH=NH, m is equal to 1 or 2; R2 and R3 together form a nitrogenous heterocycle of aromatic character with 5 vertices containing 1, 2 or 3 nitrogen atoms, substituted on a nitrogen atom by R4; R4 represents hydrogen, Ci-C6)alk or a chain of formula: - (A) n- (NH) o- (CH2) p- (CHR') q R A represents C=0, C=NH or SO2; R' represents hydrogen or carboxy; R'' represents hydrogen or NH2, NH (C1-C6) alk, N (C1-C6) alk2, CONH2, CONH (C1-C6) alk, CON (C1-C6) alk2, or a saturated heterocycle with 5 or 6 vertices containing 1 or 2 nitrogen atoms and, if appropriate, an oxygen or sulphur atom, fixed to the chain by a nitrogen or by a carbon and optionally substituted by (C1-C6) alk; n, o and q represent 0 or 1 and p represents an integer from 0 to 4; R5 represents OSO3H, OCFCO2H or OCF2CO2H; - R1 being different from hydrogen, -(CH2)m-NH2, -(CH2)m-NH (C1-C6) alk or -(CH2)m-N (C1-C6) alk2 when R4 is hydrogen, -{C1-C6}alk, -{C=0)n-(CH2) (o-5)-NH2, -(C=0)n-(CH2) (0-5) NH {C1-C6} alk or -{C=0)n-(CH2) {o-5}N(C1-C6) alk2 and R5 is an OSO3H group, or when R4 has all of the values of R'' above except for the heterocycle, - and n, o, p and q cannot all be equal to 0 except when R'' is hydrogen or a CONH2, CONH (C1-C6) alk, CON {C1-C6} alk2 group, or a heterocycle; in the free form and in the form of zwitterions and salts with pharmaceutically acceptable bases and mineral or organic acids, their preparation and their use as antibacterial medicaments.



No. of Pages : 92 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2779/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR SULFIDING CATALYSTS FOR A SOUR GAS SHIFT PROCESS

(51) International classification	:B01J 23/882
(31) Priority Document No	:61/100,824
(32) Priority Date	:29/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/058573
Filing Date	:28/09/2009
(87) International Publication No	:WO 2010/037008
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUD-CHEMIE INC.

Address of Applicant :1600 WEST HILL STREET,
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(72)Name of Inventor :

1)JUSTIN WANG

2)YPEPING CAI

(57) Abstract :

A process for the sulfidation of a sour gas shift catalyst, wherein the temperature of the sulfidation feed stream is coordinated with the sulfur/hydrogen molar ratio in that feed stream to obtain enhanced performance of the sour gas shift catalyst. In the sulfidation process to produce a sour gas shift catalyst, the lower the sulfur to hydrogen molar ratio of the sulfidation feed stream, the lower the required temperature of the sulfidation feed stream. The sulfidation reaction can be further enhanced by increasing the pressure on the sulfidation feed stream.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2121/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BEARING DEVICE, RETENTION MECHANISM AND METHOD FOR RETAINING AT LEAST ONE PAD

(51) International classification	:F16C
(31) Priority Document No	:CO2009A000031
(32) Priority Date	:22/09/2009
(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

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(72)Name of Inventor :

1)PALOMBA SERGIO

2)DE LACO MARCO

3)MASALA ANDREA

4)ANICHINI ALESSIO

5)GRIFONI FRANCESCO

(57) Abstract :

Method, retention mechanism and bearing device for retaining at least one pad inside the bearing device. The bearing device includes a ring having at least a retaining head, at least one pad disposed inside the ring and having a bottom recess portion configured to receive the at least a retaining head, the at least one pad being configured to pivot on the at least a retaining head, and a retention mechanism configured to retain the at least one pad within a predetermined volume inside the ring. The retention mechanism is configured to apply a retaining force on the at least one pad, in addition to a force between the retaining head and the at least one pad, where the retaining force acts substantially along a radial direction of the ring, away from a center of the ring.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2337/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIND TURBINE BLADE WITH FOREIGN MATTER DETECTION DEVICES

(51) International classification

:F03D

(31) Priority Document No

:12/578,900

(32) Priority Date

:14/10/2009

(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

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)PAL SUJAN KUMAR

2)KUMAR VIVEK

3)RAO KAVALA VENKATESWARA

4)SHARMA MANJUL

(57) Abstract :

A wind turbine (100) includes a wind turbine blade (108) and a foreign matter detection device (202) disposed on the wind turbine blade (108) for detecting an accumulation of foreign matter on the wind turbine blade (108). The detection device (202) automatically sends an indication (608) when a threshold level of foreign matter accumulation is detected. A wind farm control system can display a color coded live plot of all wind turbines in a wind farm system, with a indication of foreign matter accumulation for each turbine

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2338/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOUNTING STRUCTURE OF TRANSMISSION AND SHIFT LEVER OF VEHICLE

(51) International classification	:F16H	(71) Name of Applicant :
(31) Priority Document No	:10-2009-0109666	1)HYUNDAI MOTOR COMPANY Address of Applicant :231 YANGJAE-DONG, SEOCHO-KU, SEOUL, REPUBLIC OF KOREA
(32) Priority Date	:13/11/2009	2)KIA MOTORS CORPORATION
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)LEE UNKOO 2)LEE SANGSOO 3)CHOI JEEHYUCK 4)CHO YANGRAE
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention makes it possible to transmit rolling of a transmission to a shift lever and appropriately intercept noise and vibration from the transmission, thereby reducing the number of required parts and the entire weight.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2776/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SAMPLE MEASUREMENT SYSTEM

(51) International classification	:G01N 33/487
(31) Priority Document No	:0817842.8
(32) Priority Date	:30/09/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/051225
Filing Date	:21/09/2009
(87) International Publication No	:WO 2010/038050
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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KINGDOM

(72)**Name of Inventor :**

1)MATTHEW ROBERT BRYAN

(57) Abstract :

The present invention relates to a sample measurement system. In particular the invention relates to a sample measurement system for measuring certain selected properties of a liquid substrate, such as the glucose levelsin a blood sample. More particularly the invention relates to a sample measurement system for performing electrochemical measurements on a sample, the system comprising a sampling plate with a loading port for receiving a liquid substrate; and a measurement device; wherein the sampling plate comprises a sample zone with at least two discrete testing zones, which sample zone is arranged, in use, to separate the liquid substrate into at least two discrete samples, such that each sample occupies a respectivetesting zone; and the measurement device is operable to communicate with the sampling plate to measure one or more selected properties of any of the at least two samples.

No. of Pages : 62 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2777/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR SIMULATING AND OPTIMIZING REVENUE FROM SERVICE FEES IN OR RELATING TO ONLINE SERVICE PROCESSES

(51) International classification	:G06Q 10/00	(71) Name of Applicant : 1)AMADEUS S.A.S. Address of Applicant :485 ROUTE DU PIN MONTARD, SOPHIA ANTIPOlis, F-06410 BIOT, FRANCE
(31) Priority Document No	:08305619.2	
(32) Priority Date	:30/09/2008	
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor : 1)PLAT, CHRISTOPE 2)HOURDOU, NICOLAS 3)PRIEUR, MIKAEL
(86) International Application No Filing Date	:PCT/EP2009/062688 :30/09/2009	
(87) International Publication No	:WO 2010/037779	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of managing a billing process to optimize or simulate different models in order to reach a predetermined level of a metric associated with the service, the method comprising: determining an input model to optimize or simulate; determining existing associated models; comparing the existing model and the input model; iterating one or more parameters of the input model in order to achieve the predetermined level of the metric; and determining the iterated input model.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2010

(21) Application No.2104/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : 'SYSTEMS AND METHODS FOR CLOSED LOOP EMISSIONS CONTROL'

(51) International classification

:F02C

(31) Priority Document No

:12/562,235

(32) Priority Date

:18/09/2009

(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 :

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**1)MALY PETER MARTIN
2)JANAWITZ JAMISON W.
3)EBERHARDT WILLIAM
4)HOLT MARK
5)WANG YU**

(57) Abstract :

Certain embodiments of the invention may include systems and methods for controlling combustion emission parameters associated with a gas turbine combustor (104). The method can include providing an optical path through a gas turbine (106) exhaust duct (110), propagating light along the optical path, measuring exhaust (108) species absorption of the light within the gas turbine (106) exhaust duct (110), and controlling at least one of the combustion parameters based at least in part on the measured exhaust (108) species absorption.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.2156/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CALENDER SUPPORT GROUP OF LAP FORMING DEVICE FOR A TEXTILE MACHINE, IN PARTICULAR A LAP-WINDER

(51) International classification	:D03C
(31) Priority Document No	:BS2010A000137
(32) Priority Date	:06/08/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MARZOLI COMBING & FLYER S.p.A.

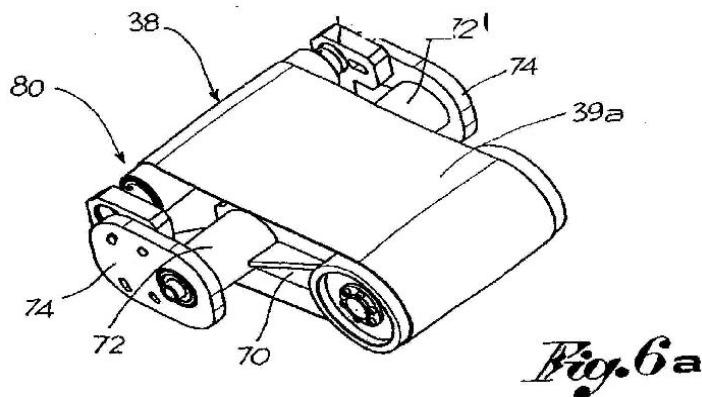
Address of Applicant :VIA S. ALBERTO, 10-25036
PALAZZOLO SULL'OGLIO, BRESCIA, ITALY

(72)Name of Inventor :

1)PRANDINI, GIROLAMO

(57) Abstract :

A lap forming device (1) comprises a primary calender (22) and a secondary calender (24) and a support group (60) for the primary calender (22) able to support said calender so as to rotate. The support group comprises at least one support arm (70a, 70b) which supports the primary calender (22) in an intermediate position along the axial dimension of the primary calender (22) . [Fig. 6a]



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2010

(21) Application No.2377/DEL/2010 A

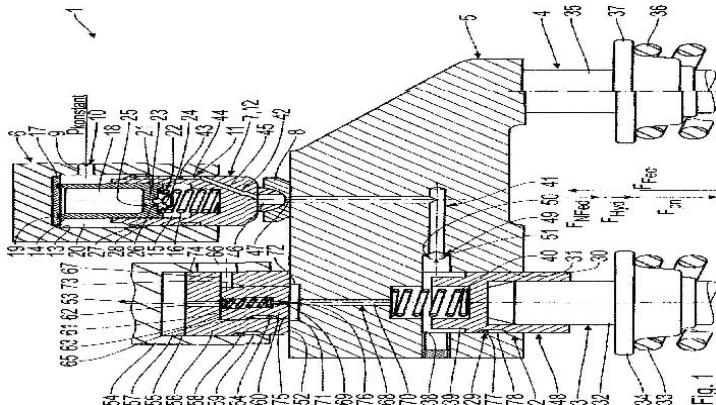
(43) Publication Date : 27/09/2013

(54) Title of the invention : INTERNAL COMBUSTION ENGINE WITH AN ENGINE BRAKING MEANS

(51) International classification	:F01L	(71) Name of Applicant :
(31) Priority Document No	:10 2009 048 104.4	1)MAN TRUCK & BUS AG Address of Applicant :DACHAUER STRASSE 667, D -
(32) Priority Date	:02/10/2009	80995 MUNCHEN, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)DILLY, HANS-WERNER
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An internal combustion engine (1) comprises an exhaust valve (3, 4) for removing exhaust from a combustion chamber and also an engine braking means (2) with a hydraulic valve control unit (29), by means of which the exhaust valve (3) can be held in an intermediate open position when the engine braking means (2) is actuated. Furthermore, the internal combustion engine (1) comprises a hydraulic valve play compensation mechanism (11) for the exhaust valve (3, 4) and a control duct (41) which is designed for feeding oil to the hydraulic valve control unit (29) between the latter and an oil feed duct (9), and which can be closed by means of a closing element (48) to compensate for a valve play of the exhaust valve (3, 4). A counter-support (53) is formed as a piston/cylinder unit. The counter-support (53) forms a variable stop (52) for a valve bridge (5) which cooperates with the valve play compensation mechanism (11).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2011

(21) Application No.2627/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VIRAL AND FUNGAL INHIBITORS

(51) International classification	:C07D 405/12
(31) Priority Document No	:61/099,412
(32) Priority Date	:23/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/058039
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/039534
(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)WICHITA STATE UNIVERSITY

(72)Name of Inventor :

1)PADMANABHAN RADHAKRISHNAN

2)GROUTAS WILLIAM C.

3)KORBA BRENT E.

(57) Abstract :

Novel classes of viral and fungal inhibitors are disclosed. These compounds are useful in treating, preventing, and/or ameliorating viral infections such as, for example, Hepatitis C Virus, West Nile Virus, Dengue Virus, and Japanese Encephalitis Virus, and fungal infections such as, for example, candidiasis

No. of Pages : 102 No. of Claims : 98

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2782/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR BUILDING AN OFFER OF OPTIONAL SERVICES FOR A GIVEN SERVICE OR PRODUCT

(51) International classification	:G06Q 10/00	(71) Name of Applicant :
(31) Priority Document No	:08305628.3	1)AMADEUS S.A.S.
(32) Priority Date	:01/10/2008	Address of Applicant :485 ROUTE DU PIN MONTARD, SOPHIA ANTIPOlis, F-06410 BLOT, FRANCE
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCTEP2009/062703	1)BERTHAUD, SABASTIEN
Filing Date	:30/09/2009	2)PREZET, HERVE
(87) International Publication No	:WO 2010/037788	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of guaranteeing a set of valid additional services or products to offer to a user, which additional services or products are associated with a main service or product, the method comprising: building an affinity matrix of a plurality of additional services and products to attribute an affinity level between each additional service or product with at least one other additional service or product based on the association with the main service or product; determining a coherence level between the additional services or products and the main service or products such that an additional service or product can be marked as valid if the coherence level meets a predetermined level; and generating the set of valid additional services or products to offer to the user based on the affinity level and the coherence level.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2010

(21) Application No.2129/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BEARING DEVICE, OIL DISTRIBUTION MECHANISM AND METHOD

(51) International classification

:F16C

(31) Priority Document No

:CO2009A000032

(32) Priority Date

:22/09/2009

(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

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2)GIACCHETTI SILVIO

3)BACCI ALESSANDRO

(57) Abstract :

Method, pad and bearing device for oil redistribution. The bearing device includes a ring having at least one retaining head, at least one pad disposed inside the ring and having a bottom recess portion configured to receive the at least one retaining head, an oil distribution mechanism configured to inject oil at a leading edge of the at least one pad to flow towards a trailing edge of the at least one pad, and an oil redistribution mechanism on the at least one pad configured to redistribute the oil from the trailing edge of the at least one pad to the leading edge of the at least one pad. The leading edge is a first edge and the trailing edge is a second edge of the at least one pad encountered when traveling along a circumference of the ring in a direction of rotation of a rotor supported by the at least one pad.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2231/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MEASURING DEVICE

(51) International classification	:G01B	(71)Name of Applicant :
(31) Priority Document No	:10 2009	1)HOMMEL-ETAMIC GMBH
	042 252.8	Address of Applicant :ALTE TUTTLINGER STR. 20, 78056
(32) Priority Date	:22/09/2009	VILLINGEN-SCHWENNINGEN, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)YAN ARNOLD
Filing Date	:NA	
(87) 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 measuring device 2, especially for in-process measurement of test specimens during a machining process on a machine tool, in particular a grinding machine, has a measuring head 12 that is connected pivotably about a first pivot axis 16 to a base body 18 of the measuring device 2 via a linkage 14, whereby means for pivoting the measuring head 12 in and out of a measuring position respectively is provided. According to the invention, the linkage 14 has a first linkage element 20 and a second linkage element 22 that are arranged pivotably about the first pivot axis 16, whereby a third linkage element 26 is connected pivotably about a second pivot axis 24 to the end of the second linkage element 22 facing away from the first pivot axis 16, and a fourth linkage element 30 is connected pivotably about a third pivot axis 28 to the end of the third linkage element 26 that faces away from the second pivot axis 24, the fourth linkage element 30 being connected pivotably about a fourth pivot axis 32 to the first linkage element 20 at a distance from the third pivot axis 28.

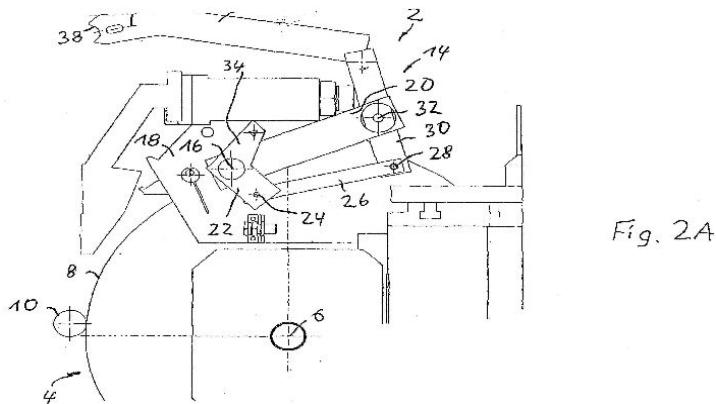


Fig. 2A

No. of Pages : 33 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2452/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : KNOTLESS SUTURE ANCHOR

(51) International classification	:F21S	(71) Name of Applicant :
(31) Priority Document No	:12/871,189	1) DEPUY MITEK, LLC Address of Applicant :325 PARAMOUNT DRIVE, RAYNHAM, MA 02767, U.S.A.
(32) Priority Date	:30/08/2010	(72) Name of Inventor :
(33) Name of priority country	:U.S.A.	1) ERIK SEBASTIAN SOJKA 2) BRIAN HENRI ORTRANDO 3) ANDRE FRANCISCO-GUILHERME 4) MARK W. WOLFSON 5) DANIEL PAUL GAMACHE 6) JUSTIN M. PICCIRILLO 7) KAIRI LOFTON 8) WILLIAM REISER 9) JEFF PARRISH 10) ARTHUR G. STEPHEN
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A suture anchor comprises a tubular body having an axial bore therethrough and having one or more purchase enhancements on an exterior surface of the body adapted to enhance purchase of the body within a bone hole, such as threads. A lateral port passes through the body from the bore to the exterior surface. A length of suture for attaching soft tissue to bone passes down along the exterior surface over the one or more purchase enhancements, over a distal end of the body, up into the bore through and then back out of the bore and up along the exterior surface over the one or more purchase enhancements.

No. of Pages : 46 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2786/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SWITCHABLE ADHESIVES

(51) International classification	:C09J 133/00
(31) Priority Document No	:0904582.4
(32) Priority Date	:17/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002280
Filing Date	:24/09/2009
(87) International Publication No	:WO 2010/034998
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LUMINA ADHESIVES AB

Address of Applicant :VARBERGSGATAN 2A, S-412 65
GOTEborg, SWEDEN

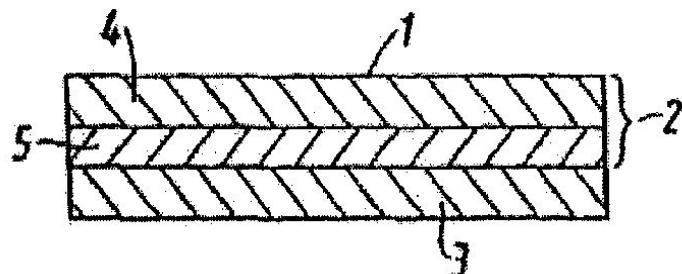
(72)Name of Inventor :

1)TUNIUS, MATS

(57) Abstract :

The present invention provides switchable adhesives comprising a mixture, in proportions by weight, of 20% to 98% of an adhesive, 2% to 80% of curable molecules and 0.05% to 10% of photoinitiator. Preferably, the adhesive and curable molecules are mutually soluble when dry, or the curable molecules and adhesive may be uniformly dispersed in each other. Preferably the amount of adhesive in the mixture is in the range 40% to 98% by weight, more preferably 60% to 95% by weight, even more preferably 70% to 85% by weight. Preferably the proportion of curable molecules in the mixture ranges from 2% to 60% by weight, more preferably 5% to 40% by weight, even more preferably 15% to 30% by weight. Preferably, the photoinitiator is present in the mixture in the proportions 0.5% to 5% by weight, more preferably 1% to 3% by weight. Such switchable adhesives are useful in medical dressings and other removable sheet products, and may be simply prepared by stirring the adhesive, the curable molecules and the photoinitiator together at room temperature.

FIG. 1



No. of Pages : 35 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2011

(21) Application No.2595/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HAIR TREATMENT METHODS

(51) International classification	:C07C
(31) Priority Document No	:0816943.5
(32) Priority Date	:16/09/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/051162
Filing Date	:10/09/2009
(87) International Publication No	:WO 2010/032034
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PERACHEM LIMITED

Address of Applicant :GREEN LANE BUSINESS PARK,
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UNITED KINGDOM

(72)Name of Inventor :

1)CELINE GAUCHE

2)DAVID MALCOLM LEWIS

3)JAMIE ANTHONY HAWES

(57) Abstract :

A method of colouring a material, the method comprising the steps of: a) applying to the material a composition comprising a sulphur-containing nucleophile; and b) applying to the material a composition comprising a dye compound selected from a dye class other than the class of reactive dyes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.2655/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR REDUCING THE FLUORIDE CONTENT WHEN PRODUCING PROTEINACEOUS CONCENTRATES FROM KRILL

(51) International classification	:A23L 1/015	(71) Name of Applicant :
(31) Priority Document No	:20083906	1)EMERALD FISHERIES AS
(32) Priority Date	:12/09/2008	Address of Applicant :P.O. BOX 234, N-6099 FOSNAVAG
(33) Name of priority country	:Norway	(NO) Norway
(86) International Application No	:PCT/NO2009/000322	(72) Name of Inventor :
Filing Date	:14/09/2009	1)JANSSON KRAGH, STIG TORE
(87) International Publication No	:WO 2010/030193	2)ERVIK, JON REIDAR
(61) Patent of Addition to Application Number	:NA	3)GRIMSMO, LEIF
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Fluorine being present in the exoskeleton of crustaceans, and especially krill represents a problem for using krill as a source for food, feed, food additives and/or feed additives. There has been developed a process for removing such fluorine from krill material by subjecting the krill to disintegration and to an enzymatic hydrolysis process prior to or simultaneously with a removal of the exoskeleton particles producing a fluorine-reduced product. Inherent in the disclosed process is the ability to process krill material with a high polar lipid content for producing superior quality, low fluorine, products suitable for the food and feed as well as the pharmaceutical, neutraceutical and cosmetic industry.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/04/2011

(21) Application No.2751/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STABLE SHAPE-SELECTIVE CATALYST FOR AROMATIC ALKYLATION AND METHODS OF USING AND PREPARING□

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:12/263,689	1)SAUDI BASIC INDUSTRIES CORPORATION
(32) Priority Date	:03/11/2008	Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi Arabia
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2009/005613	1)GHOSH Ashim Kumar
Filing Date	:14/10/2009	2)Kulkarni Neeta
(87) 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 catalyst and method of forming a catalyst for use in aromatic alkylation involves treating a zeolite, which may be a ZSM-5 zeolite, with a phosphorus-containing compound. The phosphorus-treated zeolite is combined with a binder material. The bound phosphorus-treated zeolite is treated with an aqueous solution of a hydrogenating metal compound by contacting the bound phosphorus-treated zeolite with the aqueous solution and separating the aqueous solution from the bound phosphorus-treated zeolite to form a hydrogenating-metal-containing zeolite catalyst. The catalyst may be used in preparing an alkyl aromatic product by contacting a hydrogenating-metal-containing zeolite catalyst with an aromatic alkylation feed of an aromatic compound and an alkylating agent under reaction conditions suitable for aromatic alkylation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2805/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF ALCOHOL

(51) International classification	:C13K 1/02
(31) Priority Document No	:0819406.0
(32) Priority Date	:22/10/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002349
Filing Date	:02/10/2009
(87) International Publication No	:WO 2010/046619
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WEYLAND AS

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NORWAY

(72)Name of Inventor :

1)WEYDAHL, KARI RAGNAR

(57) Abstract :

The invention provides a process for producing alcohol from a cellulosic material, said process comprising the steps of: (i) hydrolyzing said cellulosic material with an aqueous acid to produce a hydrolysate; (ii) extracting acid and water from said hydrolysate with a water-miscible organic extraction solvent to yield (a) a first aqueous acidic solution containing said extraction solvent and (b) a residue containing sugars; (iii) subjecting said residue to an oligosaccharide cleavage reaction to yield an aqueous solution of fermentable sugars; (iv) fermenting said fermentable sugars and distilling alcohol from the resulting fermented mixture; (v) evaporating said extraction solvent from said first solution to yield (a) a second aqueous acid solution containing no more than 10% wt., preferably no more than 5% wt., of said extraction solvent and (b) gaseous extraction solvent; (vi) condensing said gaseous extraction solvent for recycling; and, optionally, (vii) concentrating said second aqueous acid solution for recycling; wherein said extraction solvent is liquid at the temperature and pressure of step (ii), has a boiling point of from 25 to 60°C at a pressure in the range 1 to 8 bar, and is such that water-soluble oligosaccharides are precipitated from solution by its addition in step (ii) .

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/12/2009

(21) Application No.2558/DEL/2009 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF OPERATING A HOME AUTOMATION SYSTEM

(51) International classification

:g06q

(31) Priority Document No

:08 06940

(32) Priority Date

:10/12/2008

(33) Name of priority country

:France

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Somfy SAS

Address of Applicant :50 avenue du Nouveau Monde 74300
CLUSES France

(72)Name of Inventor :

1)DUCHENE Isabelle

2)MARAIS Luc

3)LOISEAU Jean No«l

(57) Abstract :

Method of operating a home automation system comprising: at least one home automation equipment item of a building, the home automation equipment item being associated with a specific equipment control means, a device for controlling this home automation equipment item, comprising a display and control screen on which a portion of the screen is assigned to the display of a first graphic representation, associated with this equipment item, the control device being separate from the specific control means, characterized in that it comprises a step for setting at least one value of a parameter of the home automation equipment item involved in the definition of a scenario, this setting step being able to be both implemented by action on the specific control means so as to cause a phase for modification of the state of the home automation equipment item and by action on the control device so as to cause a phase for modification of the appearance of the first graphic representation of the home automation equipment item.

No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/12/2009

(21) Application No.2559/DEL/2009 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR CONTROLLING HOME AUTOMATION EQUIPMENT OF A BUILDING

(51) International classification	:G06Q	(71) Name of Applicant :
(31) Priority Document No	:08 06943	1)Somfy SAS
(32) Priority Date	:10/12/2008	Address of Applicant :50 avenue du Nouveau Monde 74300
(33) Name of priority country	:France	CLUSES France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DUCHENE Isabelle
(87) International Publication No	: NA	2)MARAIS Luc
(61) Patent of Addition to Application Number	:NA	3)LOISEAU Jean No«l
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Device (60; 100) for controlling home automation equipment (1a, 2a, 2b, 2c, 3a, 3b, 4a, 5a) of a building, comprising a display screen (101), in which the screen is assigned to the display of type icons (ITYPI, ITYP2, ITYP3, ITYP4, ITYP5), a type icon representing a set of home automation equipment of one and the same type, the screen also being assigned to the display of location icons (ILOC0, IL0C1, IL0C2, ILOC3, IL0C4, IL0C5), a location icon representing a set of home automation equipment installed in one and the same place in the building, characterized in that the control device comprises a first selection or navigation means (103, 104, 105, 106) making it possible to position, in a reduced area (98) of the screen, either, a selected type icon or location icon, so as to display on the screen equipment icons {4, 5, 123, 123, 125, 125, 131, 131} representative of the home automation equipment assigned to said selected type icon or location icon.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2823/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BIOSYNTHETICALLY GENERATED PYRROLINE-CARBOXY-LYSINE AND SITE SPECIFIC PROTEIN MODIFICATIONS VIA CHEMICAL DERIVATIZATION OF PYRROLINE CARBOXY-LYSINE AND PYRROLYSINE RESIDUES

(51) International classification	:C07D 207/20
(31) Priority Document No	:61/108,434
(32) Priority Date	:24/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/061954 :24/10/2008
(87) International Publication No	:WO 2010/048582
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IRM LLC

Address of Applicant :131 FRONT STREET, P.O. BOX HM
2899, HAMILTON HM LX, BERMUDA U.S.A.

(72)Name of Inventor :

- 1)GEIERSTANGER BERNHARD**
- 2)OU WEIJIA**
- 3)CELLITTI SUSAN E.**
- 4)UNO TETSUO**
- 5)CROSSGROVE TIFFANY**
- 6)GRUNEWALD JAN**
- 7)CHIUHSIEN-PO**
- 8)HAO XUESHI**

(57) Abstract :

Disclosed herein is pyrroline-carboxy-lysine (PCL), a pyrrolysine analogue, which is a natural, biosynthetically generated amino acid, and methods for biosynthetically generating PCL. Also disclosed herein are proteins, polypeptides and peptides that have PCL incorporated therein and methods for incorporating PCL into such proteins, polypeptides and peptides. Also disclosed herein is the site-specific derivatization of proteins, polypeptides and peptides having PCL or pyrrolysine incorporated therein. Also disclosed herein is the crosslinking of proteins, polypeptides and peptides having PCL or pyrrolysine incorporated therein.

No. of Pages : 317 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2824/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RECORDING APPARATUS, RECORDING MEDIUM, PLAYBACK APPARATUS, PROGRAM AND METHOD

(51) International classification	:B24B
(31) Priority Document No	:2001-167965
(32) Priority Date	:04/06/2001
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2002/005412 :03/06/2002
(87) International Publication No	:WO 02/099804
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:6264/DELNP/2009 :03/06/2002

(71)**Name of Applicant :**

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI OSAKA, JAPAN.

(72)**Name of Inventor :**

1)NAKANISHI NOBUO

2)YAGI TOMOTAKA

3)IKEDA WATARU

4)NAKAMURA KAZUHIKO

(57) Abstract :

A recording apparatus 100 is for a DVD on which a TS-VOB, and pieces of playbackpath information each showing a playback path of the TS-VOB are recorded. When extended control with various contents can be executed by an apparatus at the time of playback, an extended attribute section in which extended control is valid is specified in accordance with the contents of the extended control. When an extended attribute section is to be uniformly specified for playback paths of the TS-VOB, a section marker for specifying a location of the extended attribute section of the TS-VOB is generated in VOB information. When an extended attribute section is to be individually specified for one playback path, a section marker specifying a location of the extended attribute section of the playback path is generated in PGC information. The generated VOB information and PGC information are written to the DVD.

No. of Pages : 173 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2277/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ACEBROPHYLLINE AND OLOPATADINE COMBINATION USED FOR THE TREATMENT OF ASTHMA, COUGH, AIRWAY BLOCKAGE AND ALLERGIC RHINITIS

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

(71)Name of Applicant :

1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-C, SARASWATI VIHAR, DELHI-34. India

(72)Name of Inventor :

1)MR. SANJEEV JAIN

(57) Abstract :

A method of treating respiratory disease in a human suffering from an allergic and/or inflammatory condition which comprises administering to such human in need of such treating an effective amount of acebrophyline, or a pharmaceutically acceptable salt thereof, in combination with an effective amount of Olopatadine, or a pharmaceutically acceptable salt thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2011

(21) Application No.2442/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A REFRIGERATOR COMPRESSOR MOUNTING UNIT□

(51) International classification	:H02N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Whirlpool of India Ltd.

Address of Applicant :Whirlpool House Plot no. 40 Sector-44 Gurgaon-122002 India

(72)Name of Inventor :

1)Anuj Kumar Gupta

2)Prashant Deshpande

3)Sudeeptha K Das

(57) Abstract :

The present invention describes a compressor mounting unit comprising a front support and a rear support to be secured at the rear portion of the refrigerator cabinet for mounting the compressor and supporting the refrigerator cabinet. Each of the front support and the rear support comprises a lowered middle platform and elevated end platforms. The compressor is mounted on the middle platforms and the compressor mounting unit is secured with the refrigerator cabinet by the end platforms.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2011

(21) Application No.2600/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR TREATING PULMONARY DISORDERS WITH LIPOSOMAL AMIKACIN FORMULATIONS

(51) International classification	:A61K 31/7036	(71) Name of Applicant : 1)INSMED INCORPORATED Address of Applicant :PRINCETON CORPORATE PLAZA, 11 DEER PARK DRIVE, SUITE 117, MONMOUTH JUNCTION, NJ 08852-1923, U.S.A.
(31) Priority Document No	:12/250,412	
(32) Priority Date	:13/10/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/060468	
Filing Date	:13/10/2009	
(87) International Publication No	:WO 2010/045209	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein are methods of treating pulmonary disorders comprising administering to the patient an effective dose of a nebulized liposomal amikacin formulation for at least one treatment cycle, wherein: the treatment cycle comprises an administration period of 15 to 75 days, followed by an off period of 15 to 75 days; and the effective dose comprises 100 to 2500 mg of amikacin daily during the administration period.

No. of Pages : 64 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.2651/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRANSFORMATION OF BIOMASS

(51) International classification	:C12P 17/00
(31) Priority Document No	:61/096,277
(32) Priority Date	:11/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/NZ09/000192
Filing Date	:11/09/2009
(87) International Publication No	:WO 2010/030196
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AQUAFLOW BIONOMIC CORPORATIN LIMITED
Address of Applicant :C/- BUDDLE FINDLAY, LEVEL 13,
CLARENDON TOWER, 78 WORCESTER STREET,
CHRISTCHURCH, NEW ZEALAND

(72)Name of Inventor :

1)IAN JAMES MILLER
2)RHYS ANTONY BATCHELOR

(57) Abstract :

A method for processing biomass comprising heating an aqueous slurry comprising biomass, water and a phosphate catalyst in a pressure vessel at a temperature of about 150°C to about 500°C to produce a mixture comprising a dispersion of an organic phase and an aqueous phase.

No. of Pages : 46 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/04/2011

(21) Application No.2750/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR THE NON-INTRUSIVE DETERMINATION OF THE ELECTRICAL POWER CONSUMED BY AN INSTALLATION, BY ANALYSING LOAD TRANSIENTS□

(51) International classification	:H01S
(31) Priority Document No	:08 56717
(32) Priority Date	:03/10/2008
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2009/051886 :02/10/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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2)UNIVERSITE BLAISE PASCAL Clermont II

3)LANDIS + GYR

4)CENTRE NATIONAL DE LA RECHERCHE

SCIENTIFIQUE CNRS -

(72)Name of Inventor :

1)DIOUP Alioune

2)JOUANNET Thierry

3)EL KHAMLICHI DRISSI Khalil

4)NAJMEDDINE Hala

(57) Abstract :

The invention relates to a method and to a device for the non-intrusive determination of the electrical power consumed by a subscriber installation. From the sampled values of the supply current and supply voltage that are delivered to the installation, constituting a consumption signal, the sampled values are grouped (A) in successive observation time windows; the poles (S1) and residues (R1) of the consumption signal are discriminated (B) in each current window using the pencil method, the set of poles and residues associated with at least one singular value (SG1) representing a combination of signatures of separate electrical loads (C1); at least the active power consumed by a subset of electrical loads in operation is calculated (C), over at least the duration of the.....

No. of Pages : 64 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/04/2011

(21) Application No.2881/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A STENT DEPLOYMENT DEVICE

(51) International classification	:A61F 2/84
(31) Priority Document No	:61/104,006
(32) Priority Date	:09/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/007063
Filing Date	:08/10/2009
(87) International Publication No	:WO 2010/041125
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SOUTHERN ACCESS TECHNOLOGIES (PTY) LIMITED

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(72)Name of Inventor :

**1)ZILLA, PETER PAUL
2)BEZUIDENHOUT, DEON
3)WILLIAMS, DAVID FRANKLYN**

(57) Abstract :

A stent deployment device (1) over which a stent (2) is securable for the purpose of delivery into an operative position in a human body is provided. The device comprises a plurality of elongate wings (16), each of which has a length consistent with the length of a stent to be deployed using the deployment device, the wings being arranged circumferentially about a central body (10) which extends from, and is operable through, a catheter (14). The wings are movable between a radially withdrawn delivery position and expanded positions in which they are displaced radially outwards of the body. A flow path (105) is defined internally of the wings in the expanded positions thereof and a temporary valve (68) is provided in such flow path to permit the flow of blood though the flow path predominantly in one direction. An inflatable annular balloon (80) is preferably provided over the wings to cause final expansion of the stent. Locator arms (40) are deployable from the body to assist in locating the body within a natural heart valve (101).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2780/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : THRUST ENGINE

(51) International classification	:F02C 1/10
(31) Priority Document No	:12/235,477
(32) Priority Date	:22/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057859
Filing Date	:15/04/2011
(87) International Publication No	:WO 2010/033994
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GUY SILVER

Address of Applicant :980 PONDEROSA AVE., APT. C,
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2)JULNERONG WU

(72)Name of Inventor :

1)JULNERONG WU

2)JUINERONG WU

(57) Abstract :

According to the present invention, a blade with lift-to-drag ratio greater than one can generate a lift force greater than the drag force on the blade when a fluid flows across the blade. The blade can be positioned within an enclosed engine to produce a force greater than the force required to move the fluid across the blade, thereby creating a thrust for the enclosed engine. The direction and the magnitude of the thrust may be controlled by controlling the direction of fluid flow. According to the present invention, fluid flowing inside a thrust engine may be gaseous or liquid. A thrust engine of the present invention uses one or more wings in a configurable environment to create a directional force. Thrust engines according to the present invention can be configured by varying fluid parameters, such as density or velocity, the wing parameters (such as wing geometry, lift coefficient or plane surface area of the wing), the number and the locations of wings, how the fluid receives energy, fluid motion, fixed or movable wings and the fluid path.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/04/2011

(21) Application No.2862/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AERIAL OBSERVATION SYSTEM

(51) International classification	:B64B 1/56
(31) Priority Document No	:61/192,445
(32) Priority Date	:19/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2009/000914
Filing Date	:21/09/2009
(87) International Publication No	:WO 2010/032251
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHILAT IMAGING LTD

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YEHUDA, ISRAEL

(72)Name of Inventor :

1)GUETTA AVISHAY

2)GUETTA YUVAL

3)AMBAR RAFAEL

(57) Abstract :

An aerial platform comprising a kite providing a level of directional stability when elevated by the wind, and an inflated balloon attached above the kite with a cord. The payload is attached to the kite. The physical separation of the balloon from the kite isolates the payload from shocks generated by the balloon. Additional isolation is provided by use of an elastic attachment cord. Electric power is supplied to the aerial platform by means of an optical fiber receiving optical power from a ground-based source, and conversion of the optical power to electrical power on board the platform. In order to provide a strong tether line, the optical fiber is plaited with a jacket braided from high tensile strength fibers. An aerial laser transmitter is described using a ground based laser source transmitting laser power through an optical fiber to an aerial platform for transmission from the platform

No. of Pages : 40 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.2932/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A POLYHERBAL HEALING AND CARING FORMULATION AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification

:C08C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HIMALYANS HERBS RESEARCH AND CULTURAL WELFARE SOCIETY

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(72)Name of Inventor :

1)KAMLA JOSHI

2)NIRMALA JOSHI

3)GAURAV JOSHI

4)DR. D.D. JOSHI

(57) Abstract :

The present invention discloses a polyherbal formulation for healing and caring that is cost effective, friendly to the skin, and a method of preparation thereof. The formulation comprising of Curcuma longa (Turmeric) extract in Ricinus communis (Castor) oil, Azadirachta indica (Neemi) oil with essential oils of Boswellia serrata (Salai Guggal), Cymbopogon nardus (Citronella, among others), and Syzygium aromaticum (Clove).

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2011

(21) Application No.3009/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FUSED DIIMIDAZODIAZEPINE COMPOUNDS AND METHODS OF USE AND MANUFACTURE THEREOF

(51) International classification	:C07D 487/12
(31) Priority Document No	:61/099,324
(32) Priority Date	:23/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005273
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/039187
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)UNIVERSITY OF MARYLAND, BALTIMORE COUNTY

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(72)**Name of Inventor :**

1)HOSMANE RAMACHANDRA S.

2)RAMAN VENU

3)KUMAR RAJ

(57) Abstract :

The invention encompasses novel compounds and pharmaceutically acceptable salts thereof and compositions including therapeutically or prophylactically effective amounts of such compounds or pharmaceutically acceptable salts thereof. The invention also encompasses methods for treating or preventing diseases and disorders associated abnormal cell growth, for example, treating or preventing cancer or tumor growth, which methods include administering to a mammal in need thereof a composition comprising a therapeutically or prophylactically effective amount of a compound of the invention or a pharmaceutically acceptable salt thereof.

No. of Pages : 176 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2011

(21) Application No.2641/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CHEWABLE GELLED EMULSIONS

(51) International classification	:A61K 9/00
(31) Priority Document No	:0818472.3
(32) Priority Date	:08/10/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002406
Filing Date	:18/10/2009
(87) International Publication No	:WO 2010/041017
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PROBIO ASA

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(72)Name of Inventor :

1)SETERNES, TORE

2)DRAGET, KURT INGAR

3)SHAUG, INGVILD JOHANNE

(57) Abstract :

An oral pharmaceutical composition in unit dose form, each unit dose comprising a statin within a unitary carrier body, said body comprising a soft, chewable, gelled oil-in-water emulsion, one or both of the oil phase and the water phase whereof comprises a physiologically tolerable omega-3 acid ester.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.2642/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AROMATIC CARBOXYLIC ACID DERIVATIVES FOR TREATMENT AND PROPHYLAXIS OF GASTROINTESTINAL DISEASES INCLUDING COLON CANCER

(51) International classification	:C07C 311/45
(31) Priority Document No	:61/095,668
(32) Priority Date	:10/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/056515
Filing Date	:10/09/2009
(87) International Publication No	:WO 2010/030781
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NUMED INTERNATIONAL, INC.

Address of Applicant :216 COLTSGATE DRIVE CARY, NC 2751, U.S.A.

(72)**Name of Inventor :**

1)EKWURIBE, NNOCHIRI

(57) Abstract :

Prodrug compounds which metabolize into 5-ASA or analogs thereof, and taurine or analogs thereof, in the colon site are disclosed. Pharmaceutical compositions including the compounds, and methods of treatment using the compounds, are also disclosed. Such compounds have utility for treating or preventing gastrointestinal disorders, including colon cancer, ulcerative colitis and Crohn's disease.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2798/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ARTHROPLASTY SYSTEM AND RELATED METHODS

(51) International classification	:A61B 17/58
(31) Priority Document No	:61/102,692
(32) Priority Date	:03/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/058946
Filing Date	:03/10/2008
(87) International Publication No	:WO 2010/0151122
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

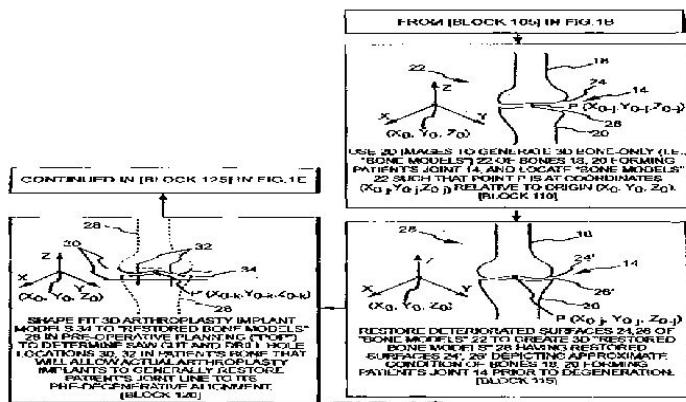
1)PARK, LLWHAN

2)CHI, CHARLIE W.

3)HOWELL, STEPHEN M.

(57) Abstract :

A method of manufacturing an arthroplasty jig is disclosed herein. The method may include the following: generate a bone model, wherein the bone model includes a three dimensional computer model of at least a portion of a joint surface of a bone of a patient joint to undergo an arthroplasty procedure; generate an implant model, wherein the implant model includes a three dimensional computer model of at least a portion of a joint surface of an arthroplasty implant to be used in the arthroplasty procedure; assess a characteristic associated with the patient joint; generate a modified joint surface of the implant model by modifying at least a portion of a joint surface of the implant model according to the characteristic; and shape match the modified joint surface of the implant model and a corresponding joint surface of the bone model.



No. of Pages : 141 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2799/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AUTOMATIC INJECTION DEVICE WITH AUDIBLE INDICATOR OF COMPLETED INJECTION

(51) International classification	:A61M 5/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2008/003285
Filing Date	:29/09/2008
(87) International Publication No	:WO 2010/035059
(61) Patent of Addition 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)GRUNHUT, GUILLAUME

2)PEROT, FREDERIC

3)GAGNIEUX, SAMUEL

4)LANIER, ROMAIN

5)ENFOUX, YVES

(57) Abstract :

The present invention relates to a device (1) for automatic injection comprising a container (2), a piston (8) and: - a piston rod (9) coupled to said piston (8) during the injection, - biasing means (18) for causing distal movement of said piston rod (9) with respect to said container (2), - a housing (14; 214) receiving said container (2), said piston rod (9) and said biasing means (18), -controlling means (13, 22) for producing an audible indicator at the end of injection, characterized in that: said controlling means comprise one first element (13), flexible or breakable and coupled to said housing (14), or to said piston rod (9), during the injection, and one second element (22), coupled to said piston rod (9), or to said housing (14), during the injection, said first and second elements cooperating with each other at the end of injection under the effect of the said biasing means (18) to produce said audible indicator.

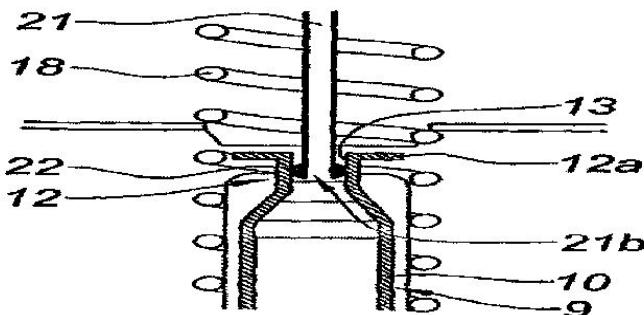


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3023/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITION, PROCESS OF PREPARATION AND METHOD OF APPLICATION AND EXPOSURE FOR LIGHT IMAGING PAPER

(51) International classification	:G03C 1/00
(31) Priority Document No	:61/196,127
(32) Priority Date	:15/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/060334
Filing Date	:12/10/2009
(87) International Publication No	:WO 2010/045140
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)INTERNATIONAL PAPER COMPANY

Address of Applicant :6400 POPLAR AVENUE, MEMPHIS, TN 38197, U.S.A.

(72)**Name of Inventor :**

1)RICHARD C. WILLIAMS

2)RICHARD D. FABER

3)OLEG GRINEVICH

4)JOHN MALPERT

5)ALEXANDRE MEJIRITSKI

6)DOUGLAS C. NECKERS

(57) Abstract :

The present invention provides dual energy imaging compositions, processes for forming dual energy imaging compositions, methods for forming images using dual energy imaging compositions and substrate (e.g., paper web) treated (e.g., coated) on one or both sides with a dual energy imaging composition. Also provided is a particulate comprising a matrix of polymer material and containing one or more image-forming agents and a photo-oxidizing agent useful in making dual energy imaging compositions.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2274/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DISPOSABLE PUMP HEAD

(51) International classification	:F04B	(71) Name of Applicant :
(31) Priority Document No	:61/245,533	1)IIT MANUFACTURING ENTERPRISES, INC.
(32) Priority Date	:24/09/2009	Address of Applicant :1105 NORTH MARKET STREET, SUITE 1217, WILMINGTON, DELAWARE 19801, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)MEZA, HUMBERTO VALENZUELA
Filing Date	:NA	2)HART, ADAM
(87) International Publication No	:NA	3)VILLAGOMEZ, JR. MANUEL
(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 pump, comprising: a disposable pump head having an input port and an output port, and being configured to be frictionally engaged to a motor so as to pump fluid into the input port, through the disposable pump head, and out the output port; and a canister having a cover and a latching arrangement, and configured with an interior cavity dimensioned to receive the disposable pump head, the cover configured to close and frictionally engage the disposable pump head and the motor. The cover has a compressible member, like a pad, dimensioned so as to push a top surface of the disposable pump head so as to frictionally engage the disposable pump head and the motor. The cover may be arranged on a hinge. The latching arrangement may comprise a part for grabbing a lip of the cover. The disposable pump head may be diaphragm pump comprising an upper housing, a valve housing, reciprocating pistons, a diaphragm, an outer piston plate, a bearing housing and a cam for coupling to a shaft of the motor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2330/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DOUBLE-HEADING CABLE SYSTEM TO BE APPLIED IN AN AUTOMOTIVE VEHICLE CLIMATIZATION UNIT AND CONTROL DEVICE FOR AN AUTOMOTIVE VEHICLE CLIMATIZATION UNIT

(51) International classification	:B60H	(71) Name of Applicant :
(31) Priority Document No	:PI 0903312-2	1)VALEO SISTEMAS AUTOMOTIVOS LTDA Address of Applicant :AVENIDA MARGINAL DO RIO PINHEIROS 5200, BRESIL PARK, MORUMBI, SAO PAULO, SP. 05693-000, BRAZIL
(32) Priority Date	:29/09/2009	(72) Name of Inventor :
(33) Name of priority country	:Brazil	1)TIAGO MATIAS
(86) International Application No	:NA	2)JOSE-ANTONIO GEREZ
Filing Date	:NA	3)MATHIAS TEXEIRA
(87) 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 double-heading cable to be applied in an automotive vehicle double-heading climatization unit, to transfer mechanical movement from the control panel to the climatization unit. The cable in the present invention can be applied for a mixing function, a modal function and/or a recirculation function.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2011

(21) Application No.2982/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BARKE CONTROLLING APPARATUS

(51) International classification	:B60T 8/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2008/072305
Filing Date	:09/12/2008
(87) International Publication No	:WO 2010/067416
(61) Patent of Addition 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)WATANABE RYOCHI

2)KATO HIDEHISA

(57) Abstract :

A brake controlling apparatus (electronic control unit (1)) of a braking device including a booster valve (50, 51, 52, 53) to be opened at a time of request to boost a pressure of a brake liquid to supply to a wheel (WFR, WRL, WRR, WFL) to be controlled, and a piston pump (69A, 69B) for supplying pressurized brake liquid to an upstream side of the booster valve (50, 51, 52, 53), the brake controlling apparatus including a brake liquid pressure controlling means that sets a duty ratio between a closing period and a opening period of the booster valve (50, 51, 52, 53) so that a dischargeable period of the brake liquid in the piston pump (69A, 69B) appears in the opening period of the booster valve (50, 51, 52, 53), and controls the booster valve (50, 51, 52, 53) based on the duty ratio.

No. of Pages : 42 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3051/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PESTICIDAL COMBINATIONS

(51) International classification	:A01N 43/22
(31) Priority Document No	:0820343.2
(32) Priority Date	:06/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2009/063843
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/052129
(61) Patent of Addition 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)SCHADE MICHAEL

2)GRIMM CHRISTOPH

3)FAERBER MARTIN

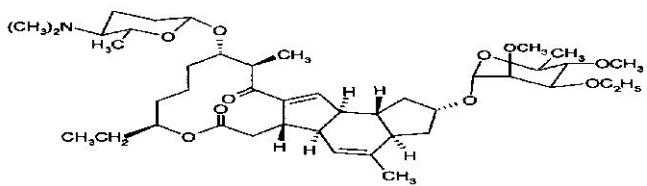
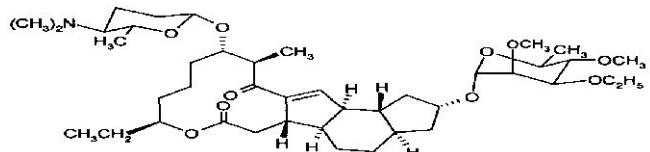
4)HOFER DIETER

5)MULLER KASPAR

6)CAMPBELL SCOTT

(57) Abstract :

Pesticidal Combinations A combination, suitable for agricultural use comprises (I) a compound of formula (X) and (II) one or more agents selected, independently of each other, from any one of (A) to (G): (A) a certain fungicide, (B) a certain insecticide or nematicide, (C) a certain protein produced by the plant pathogenic bacterium *Erwinia amylovora*, (D) a certain biological strain, (E) a certain Isoflavone, (F) a plant growth regulator, and (G) a plant activator, wherein compound of formula (X) is a mixture of and



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3052/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SERVICE ACCESS CONTROL

(51) International classification	:G06F 21/20
(31) Priority Document No	:PCT/EP2008/068352
(32) Priority Date	:30/12/2008
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2008/068352
Filing Date	:30/12/2008
(87) International Publication No	:WO 2010/075885
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA SIEMENS NETWORKS OY

Address of Applicant :OF KARAPORTTI 3, FL-02610
ESPPO, FINLAND

(72)Name of Inventor :

1)BAUER-HERMANN, MARKUS

2)MEYER, GERALD

3)SEIDL, ROBERT

(57) Abstract :

A USB memory stick, or similar device, is provided having software installed thereon to enable a user to access restricted applications without a user device needing to handle user credential data. In use, the stick receives a request from the user device for access to an application, obtains first user identification information from the user device, uses the first user identification information and the application information to obtain user credentials from an identity management system, which user credentials are required by the application in order to grant the user access to the application, and provides the user credentials to the application without the user credentials needing to be provided to the user device.

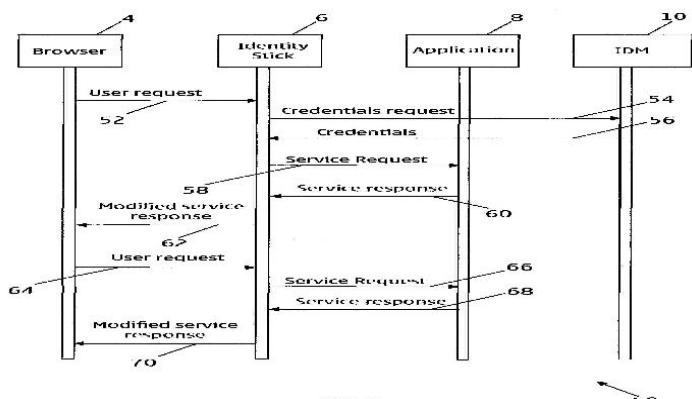


Fig. 4

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.2411/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : THERMAL INTERFACE MATERIAL FOR REDUCING THERMAL RESISTANCE AND METHOD OF MAKING THE SAME

(51) International classification	:B63G
(31) Priority Document No	:12/879,766
(32) Priority Date	:10/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)GE INTELLIGENT PLATFORMS, INC.
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(72)**Name of Inventor :**

1)KIRK GRAHAM CHARLES

(57) Abstract :

A thermal interface material (120) including a thermally conductive metal (202) having a first surface (204) and an opposing second surface (206), a first diffusion barrier plate (208) coupled to the first surface of the thermally conductive metal, a second diffusion barrier plate (210) coupled to the second surface of the thermally conductive metal, a first thermal resistance reducing layer (212) coupled to the first diffusion barrier plate, and a second thermal resistance reducing layer (214) coupled to the second diffusion barrier plate, the thermally conductive metal, the first diffusion barrier plate, and the second diffusion barrier plate disposed between the first thermal resistance reducing layer and the second thermal resistance reducing layer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/12/2009

(21) Application No.2560/DEL/2009 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF OPERATING A DEVICE FOR CONTROLLING HOME AUTOMATION EQUIPMENT

(51) International classification

:G06Q

(31) Priority Document No

:08 06941

(32) Priority Date

:10/12/2008

(33) Name of priority country

:France

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Somfy SAS

Address of Applicant :50 avenue du Nouveau Monde 74300 CLUSES France

(72)Name of Inventor :

1)DUCHENE Isabelle

2)MARAIS Luc

3)LOISEAU Jean No«l

(57) Abstract :

Method of operating a device (60; 100) for controlling home automation equipment (1a, 2a, 2b, 2c, 3a, 3b, 5a) for orienting and/or displacing a moving product of a building, comprising a display screen (101), on which a portion of the screen is assigned to the display of a first graphic representation, such as an equipment icon (4, 5, 123, 125, 131), symbolizing this equipment, characterized in that the method comprises a step for graphic adjustment of the first graphic representation so that it represents, at least approximately, the real degree of orientation and/or deployment of the moving product.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2761/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FUNCTIONALIZED DIENE RUBBERS

(51) International classification

:C08C 196/20

(31) Priority Document No

:10 2008 052 057.8

(32) Priority Date

:16/10/2008

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP09/063451

Filing Date

:15/10/2009

(87) International Publication No

:WO 2010/043664

(61) Patent of Addition 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 :51369 LEVERKUSEN, GERMANY

(72)Name of Inventor :

1)NORBERT STEINHAUSER

2)THOMAS GROSS

(57) Abstract :

The present invention relates to functionalised diene rubbers and their production, to rubber mixtures, comprising these functionalised diene rubbers, and to their use for the production of rubber vulcanisates, which serve in particular for the production of highly reinforced rubber mouldings. Particular preference is given to the use in the production of tyres which have particularly low rolling resistance, and particularly high wet slip resistance and abrasion resistance.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2763/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVEMENTS FOR RAPID PROTOTYPING APPARATUS

(51) International classification	:B29C 67/00
(31) Priority Document No	:08018226.4
(32) Priority Date	:17/10/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP09/063158
Filing Date	:09/10/2009
(87) International Publication No	:WO 2010/043557
(61) Patent of Addition 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)JEROME GRELIN

2)OLE HANGAARD

3)NIELS HOLM LARSEN

4)EMILIE POUGEoise

(57) Abstract :

A stereolithography apparatus and an exposure system for a stereolithography apparatus, wherein light emitting diodes are used as light sources. The invention relates to aligning light from the light emitting diode and to the exchange and control the light emitting diodes.

No. of Pages : 68 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3042/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANTI CXCR4 ANTIBODIES AND THEIR USE FOR THE TREATMENT OF CANCER

(51) International classification	:C07K 16/28
(31) Priority Document No	:08305631.7
(32) Priority Date	:01/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/062787
Filing Date	:01/10/2009
(87) International Publication No	:WO 2010/037831
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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BOULOGNE-BILLANCOURT, FRANCE

(72)Name of Inventor :

1)KLINGUER-HAMOUR, CHRISTINE

2)GRENIER-CAUSSANEL, VERONIQUE

(57) Abstract :

The present invention relates to a novel isolated antibody, or the derived compounds or functional fragments of same, capable of binding to CXCR4 but also of inducing conformational changes of the CXCR4 homodimers and/or heterodimers. More particularly, the present invention relates to the 414H5 and 515H7 antibodies, specific to the CXCR4 protein, as well as their use for the treatment of cancer. Pharmaceutical compositions composed of such antibodies and a process for the selection of such antibodies are also covered.

No. of Pages : 127 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2011

(21) Application No.3043/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELASTICALLY DEFORMABLE AND RESORBABLE MEDICAL MESH IMPLANT

(51) International classification	:F17B	(71)Name of Applicant :
(31) Priority Document No	:1051120-2	1)NOVUS SCIENTIFIC AB
(32) Priority Date	:28/10/2010	Address of Applicant :VIRDINGS ALLE 2, 754 50
(33) Name of priority country	:Sweden	UPPSALA (SE) Sweden
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HJORT, HENRIK
(87) International Publication No	:NA	2)MATHISEN, TORBJORN
(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 polymeric mesh implant for use in reconstruction of tissue defects, which mesh implant comprises a first set of fibers arranged in a first pattern comprising apertures, wherein each aperture, or a subset thereof, comprises an elastic fiber arranged in a first direction of the mesh implant such that when the mesh implant is stretched in this first direction, the elastic fibers are elongated and also exert a restoring force on the first pattern.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2801/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WINDING DEVICE, PARTICULARLY FOR A PROTECTIVE BLIND SUCH AS A SUNBLIND OR A LOADSPACE COVER

(51) International classification	:B60R 5/04	(71) Name of Applicant :
(31) Priority Document No	:0805685	1)RENAULT S.A.S.
(32) Priority Date	:14/10/2008	Address of Applicant :13-15, QUAI LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2009/051829	1)MICHEL GARNIER
Filing Date	:28/09/2009	
(87) International Publication No	:WO 2010/04794	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device for hiding an opening of a motor vehicle loadspace defined by the two side walls (11, 12) of said motor vehicle, said device comprising: - a concealment curtain (6) with two fitting endpieces (7); and - means for centring said endpieces between said -side walls. According to the invention, said centring means comprise: - a pusher element (4) mounted so as to be movable translationally longitudinally along each of said walls (11, 12); and - two elastically deformable lips (5), one on each of said side-walls (11, 12) or on each of said endpieces (7), each of said lips (5) being compressible so as to exert a return force tending to push said endpiece (7) back in a direction parallel to said endpiece (7).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2011

(21) Application No.2967/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR MAKING ORGANIC SALTS AND COMPOSITIONS CONTAINING THE SAME

(51) International classification	:C07C
(31) Priority Document No	:12/346,535
(32) Priority Date	:30/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069610
Filing Date	:28/12/2009
(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)NIP, RAYMOND, LEE

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(72)Name of Inventor :

1)NIP, RAYMOND, LEE

(57) Abstract :

Organic salts and mixtures thereof, organic salt coated particles, methods of preparing organic salts and organic salt coated particles, and various applications of such coated particles, including applications in rubber, other polymeric materials, and pesticides and/or fungicides are disclosed. As compared to rubber formulations without organic salt, formulations with organic salts including the present coated particles may have lower Mooney viscosity and lower minimum torque, improved dispersability, a higher modulus at 100% and/or at 300% elongation, a higher tensile strength, better aging resistance, better abrasion resistance, and/or lower heat buildup. Thus, products containing the present coated particles may enjoy similar or better properties than comparative products that include a conventional filler and/or organic salts per se, and the present coated particles may result in cost savings for the corresponding product formulations. The need for a silane coupling agent may also be reduced or eliminated

No. of Pages : 34 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2011

(21) Application No.2969/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD OF FORMING A FLOW RESTRICTION IN A FLUID COMMUNICATION SYSTEM

(51) International classification	:F16K 99/00
(31) Priority Document No	:PA 2008 01414
(32) Priority Date	:08/10/2008
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2009/000217
Filing Date	:07/10/2009
(87) International Publication No	:WO 2010/040354
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FLOWSION APS

Address of Applicant :NORDBORGVEJ 81, DK-6430
NORDBORG, THAILAND

(72)Name of Inventor :

**1)POULSEN, KRISTIAN, RADDY;
2)RASMUSSEN, PETER, ANDREAS;**

(57) Abstract :

A method of forming a flow restriction in a fluid communication system is disclosed. The method comprises the steps of providing a flow restricting section having a cross sectional area and a length, measuring the flow resistivity of the flow restricting section, and modifying the cross sectional area and/or the length of the flow restricting section until a desired flow resistivity of the flow restricting section is obtained. The method provides the possibility of forming a flow restriction in an easy and cost effective manner, and to subsequently adjust the flow resistivity of the flow restriction, thereby obtaining an accurate flow resistivity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3059/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DICARBOXYLIC ACID PRODUCTION WITH ENHANCED ENERGY RECOVERY

(51) International classification	:C07C 51/265
(31) Priority Document No	:61/110,248
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/005764
Filing Date	:22/10/2009
(87) International Publication No	:WO 2010/062316
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GRUPO PETROTEMEX, S.A. DE C.V

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(72)Name of Inventor :

1)RAYMOND ELBERT FOGLE III

2)RONALD BUFORD SHEPPARD

3)TIMOTHY ALAN UPSHA W

4)ALAN GEORGE WONDERS

(57) Abstract :

The invention provide improved energy content in and shaft power recovery from off-gas from xylene oxidation reactions while at the same time minimizing wastewater treatment cost. More shaft power is produced using off-gas than is required to drive the main air compressor, even with preferred, relatively low oxidation temperatures. Simultaneously, an amount of wastewater greater than byproduct water from oxidation of xylene is kept in vapor form and treated along with off-gas pollutants in a self-sustaining (self-fueling) gas-phase thermal oxidative destruction unit. Optionally, off-gas is combined from multiple xylene oxidation reactors, comprising primary and/or secondary oxidation reactors and forming TPA and/or IPA. Optionally, air compressor condensate and caustic scrubber blowdown are used in a TPA process or as utility water, effectively eliminating normal flow of liquid wastewater effluent from a TPA plant. Optionally, PET off-gas containing the water of PET formation is treated in a shared thermal oxidative destruction unit, effectively eliminating normal flow of liquid wastewater effluent from a combined pX-to-TPA-to-PET plant.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2754/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DIFFUSER HAVING BLADES WITH APERTURES

(51) International classification	:F04D 27/02
(31) Priority Document No	:0857053
(32) Priority Date	:17/10/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/051966
Filing Date	:15/10/2009
(87) International Publication No	:WO 2010/043820
(61) Patent of Addition 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)JEROME PORODO

2)LAURENT TARNOWSKI

3)HUBERT VIGNAU

(57) Abstract :

The invention relates to a diffuser for a mixed flow or centrifugal compressor of a gas turbine, the diffuser comprising at least one vane presenting a pressure side, a suction side, and a first flank, said vane being provided with a plurality of orifices opening out into the suction side and/or the pressure side and communicating with at least one cavity formed in the vane, said cavity extending transversely relative to the vane and opening out into its first flank. The invention is characterized by the fact that the cross section of the cavity varies in the transverse direction of the vane, said cross section increasing towards the first flank.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2756/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM FOR SUPPLYING VARYING CONTENT TO MULTIPLE DISPLAYS USING A SINGLE PLAYER

(51) International classification	:G06Q 50/00	(71) Name of Applicant : 1)MANUFACTURING RESOURCES INTERNATIONAL, INC. Address of Applicant :1600 UNION HILL ROAD, ALPHARETTA, GA 30005, U.S.A.
(31) Priority Document No	:61/101,135	
(32) Priority Date	:29/09/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/058809	
Filing Date	:29/09/2009	
(87) International Publication No	:WO 2010/037104	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)WILLIAM R. DUNN, GERALD FRASCHILLA AND RICK DELAET
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for displaying content on multiple electronic displays utilizing a single video player. Some displays may show dynamic video and the remaining displays may show static images. Alternatively, every display may be showing static images. The player provides frames of video which may be encoded with unique display identifiers which direct the system to display the proper frames on the proper displays. The transmitter may be in wireless or hard-wired electrical communication with the display receivers. If using a hard-wired embodiment, the displays may be daisy-chained together to reduce the length of wire/cable needed.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3030/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USE OF HELIUM-OXYGEN GAS MIXTURES FOR TREATING PULMONARY ARTERIAL HYPERTENSION

(51) International classification	:A61K 33/00	(71) Name of Applicant :
(31) Priority Document No	:10 2008 054 205.9	1)BAYER SCHERING PHARMA AKTIENGESELLSCHAFT
(32) Priority Date	:31/10/2008	Address of Applicant :MULLERSTRASSE 178, BERLIN
(33) Name of priority country	:Germany	13353, Germany
(86) International Application No	:PCT/EP2009/007488	(72) Name of Inventor :
Filing Date	:20/10/2009	1)HUBERT TRUEBEL
(87) International Publication No	:WO 2010/049078	2)EVA-MARIA BECKER
(61) Patent of Addition to Application Number	:NA	3)STEFAN SCHAFER
Filing Date	:NA	4)KATJA SCHAFER
(62) Divisional to Application Number	:NA	5)JURGEN KOHLMAYER
Filing Date	:NA	

(57) Abstract :

The present application relates to the use of helium-oxygen gas mixtures for the treatment and/or prophylaxis of primary and secondary forms of pulmonary hypertension (PH) and also to the combination of drugs and helium-oxygen gas mixtures, wherein the gas mixtures are used as carrier gases to improve the introduction of a drug for the treatment and/or prophylaxis of pulmonary hypertension.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3034/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POWER MANAGEMENT OF A NETWORK DEVICE

(51) International classification	:H04B 7/185
(31) Priority Document No	:12/260,514
(32) Priority Date	:29/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062036
Filing Date	:26/10/2009
(87) International Publication No	:WO 2010/051246
(61) Patent of Addition 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)BIEDERMAN, DANIEL

2)FAHEY, DENNIS

3)BARRASS, HUGH

(57) Abstract :

In one embodiment, a method includes receiving a synchronization command to synchronize time information among each component of a set of components in a communication path. The method includes generating a power state message. The method includes transmitting the power state message, by the first component, to the remaining components in the communication path. The power state message is configured to reduce the power consumption of the remaining components of the set of components from a first power amount to a second power amount for a time period and the time period is associated with the synchronized time information.

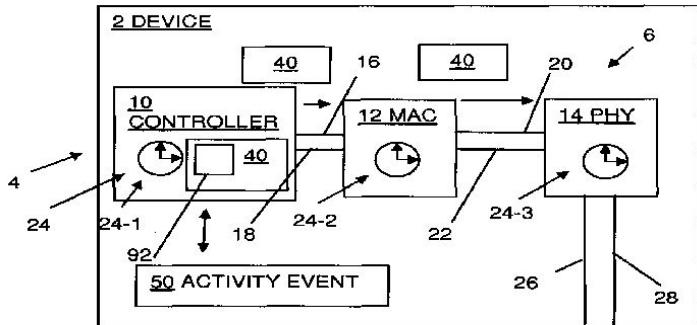


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3035/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POWER CONTROLLER SYSTEM

(51) International classification	:F21Q
(31) Priority Document No	:1017887.9
(32) Priority Date	:22/10/2010
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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GLOUCESTERSHIRE GL52 8SF (GB) U.K.

(72)Name of Inventor :

1)SHIPLEY, ADRIAN

(57) Abstract :

A power controller system arranged to electrically supply a load via a circuit is disclosed. The power controller system comprises a switching device 30 provided in an electrical pathway 31 for supplying current to a load 20. A controller 50 is arranged to open the switching device 30 when a current through or voltage across the switching device 30 exceeds a predetermined level. An electrical pathway 60 is provided in parallel to the load 20 to enable load current to continue to flow through the parallel electrical pathway 60 and the load 20 when the switching device 30 is opened, to dissipate inductive energy stored in the circuit connecting the parallel electrical pathway 60 to the load 20. The parallel electrical pathway 60 enables current to continue to be supplied to the load 20 even during a fault transient scenario such as a lightning strike when the switching device is opened. Consequently, during a fault transient scenario the switching device 30 is opened to prevent an over current from passing therethrough whilst the load current will not be interrupted due to the dissipation of the inductive energy through the parallel electrical pathway 60 and the load 20. Figure 1

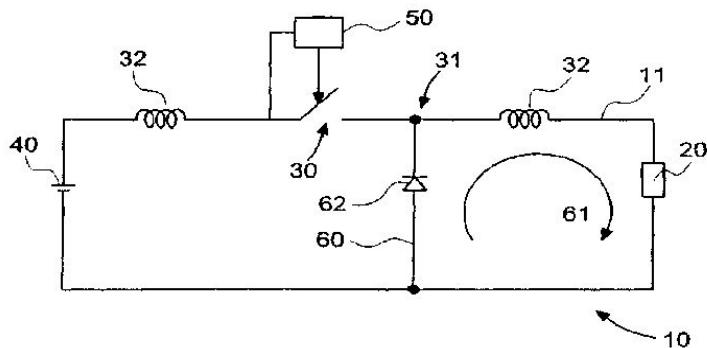


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2803/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A CONTAINER HANDLING SYSTEM COMPRISING A CRANE AND A PLURALITY OF BASE ELEMENTS WHICH CAN BE MOUNTED ON TOP OF CONTAINERS FOR SUPPORTING THE CRANE AND TRANSPORTING THE CONTAINERS

(51) International classification	:B66C 23/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/DK2008/050245 :03/10/2008
(87) International Publication No	:WO 2010/037386
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)JENS-CHRISTIAN HEROLD

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VANLOSE DENMARK

(72)Name of Inventor :

1)HEROLD, JENS-CHRISTIAN

(57) Abstract :

The invention relates to a container handling system comprising a crane (312, 313) and a plurality of base elements (21, 22). The base elements are designed for resting on containers (1) and the crane is designed for being supported on containers or base elements. Containers can be transported on the base elements, which are preferably arranged to form a path (214, 215). Also cranes, other base element etc. can travel on the paths. Base elements may be provided with rollers or the like and may comprise a turning unit for turning containers etc. about a vertical axis. The invention further relates to a container yard (9) organised with such a container handling system and to a carrier vessel (4), where the handling system is part of its onboard equipment.

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2011

(21) Application No.2936/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVED EFFICIENCY TURBOCHARGED ENGINE SYSTEM WITH BOTTOMING CYCLE, AND METHOD OF OPERATION□

(51) International classification	:B41N
(31) Priority Document No	:12/286,645
(32) Priority Date	:30/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/059056 :30/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE ADMINISTRATOR OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY

Address of Applicant :1200 Pennsylvania Avenue N.W.
Washington District of Columbia 20460 U.S.A.

(72)**Name of Inventor :**

1)GRAY Charles L. Jr.

(57) Abstract :

A turbocharged engine system (500) is configured to vaporize methanol in a heat exchanger (350) using heat from exhaust gases, and uses the vaporized methanol to drive a turbine (361) of the engine's turbocharger (316, 519, 124, 126). The methanol may also be dissociated into hydrogen and carbon monoxide. After passing through turbine (361), the vapor is injected into the engine (102) by port injection. By selective timing of exhaust valves (472, 474), the exhaust gases are separated into two streams (409, 410), a first stream comprising gases ejected during exhaust blowdown, and a second stream of gases ejected during the remainder of the engine's exhaust stroke. The blowdown gases are employed to drive a separate turbine (519) of the turbocharger (316, 519, 124, 126).

No. of Pages : 35 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2011

(21) Application No.3005/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIND TURBINE GENERATOR

(51) International classification	:H01B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MITSUBISHI HEAVY INDUSTRIES LTD.
(32) Priority Date	:NA	Address of Applicant :16-5 KONAN 2-CHOME MINATO-KU TOKYO 108-8215 Japan
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:PCT/JP2011/051772	1)TOMOHIRO NUMAJIRI
Filing Date	:28/01/2011	
(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	

(57) Abstract :

In order to adequately cool heat generating devices installed inside the nacelle with a simple configuration that involves no energy loss, a wind turbine generator 1 according to the present invention includes: a rotor head 6 equipped with wind turbine blades 8 to constitute a wind turbine rotor blade 9; a nacelle 5 that bears a rotation shaft 12 of the rotor head 6 and houses a generator that generates electricity by a rotation of the rotor head 6; a tower that supports the nacelle 5; a rotor head cover 14 that covers the rotor head 6; an outside-air intake 18 that is provided on a distal end part of the rotor head cover 14 and takes in the outside wind; an outside-air delivery communicating parts 26 that delivers the outside air, which has been taken into the rotor head cover 14 from the outside-air intake 18, to an inside of the nacelle 5; and cooling air outlets 35 that are provided in a region of the outer surface of the nacelle 5 that experiences a negative pressure due to the outside wind.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3079/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD AND A DEVICE FOR CONTROLLING THE POWER SUPPLIED TO AN ELECTROSTATIC PRECIPITATOR

(51) International classification	:B03C 3/68
(31) Priority Document No	:08165629.0
(32) Priority Date	:01/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/062603
Filing Date	:29/09/2009
(87) International Publication No	:WO 2010/037737
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALSTOM TECHNOLOGY LTD.

Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND

(72)Name of Inventor :

1)KARLSSON ANDERS NILS GUSTAV

(57) Abstract :

A method of controlling the operation of an electrostatic precipitator (6) comprises utilizing a control strategy for a power to be applied between at least one collecting electrode (28) and at least one discharge electrode (26), said control strategy comprising controlling, directly or indirectly, a power range and/or a power ramping rate. The temperature of said process gas is measured. When said control strategy comprises controlling the power range, a power range is selected based on said measured temperature, an upper limit value of said power range being lower at a high temperature of said process gas, than at a low temperature. When said control strategy comprises controlling the power ramping rate, a power ramping rate is selected based on said measured temperature, said power ramping rate being lower at a high temperature of said process gas, than at a low temperature. Elected for publication: Fig. 1

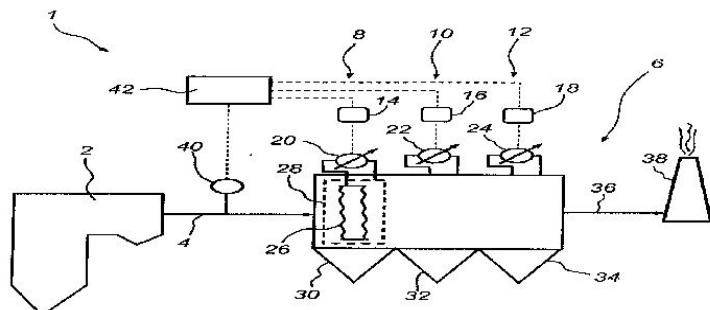


Fig. 1

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2826/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEMS FOR REQUIRED TIME OF ARRIVAL PERFORMANCE DISPLAY

(51) International classification	:G01C 23/00
(31) Priority Document No	:12/261,182
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062134
Filing Date	:27/10/2009
(87) International Publication No	:WO 2010/056508
(61) 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, MI 49512, U.S.A.

(72)Name of Inventor :

1)DEJONGE MICHAEL KENT

2)KLOOSTER JOEL KENNETH

(57) Abstract :

A method and system for a required time of arrival (RTA) performance graphic display is provided. The system includes a processor programmed to receive a required time of arrival and a first visual display communicatively coupled to the processor. The first visual display includes an RTA graphic having a dial substantially symmetric about an axis, a first marker indicative of a current estimated time of arrival (ETA) at a predetermined waypoint, a second marker indicative of a value of the RTA relative to the current ETA value and a selected RTA time tolerance value, a first indication representing a first time the vehicle can attain the predetermined waypoint, a second indication representing a last time the vehicle can attain the predetermined waypoint, a third indication representing the uncertainty of the ETA in an early arrival direction, and a fourth indication representing the uncertainty of the ETA in a late arrival direction.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2827/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR INHIBITING CORROSION IN AQUEOUS MEDIA

(51) International classification	:C23F 11/10
(31) Priority Document No	:12/263,015
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/059803
Filing Date	:07/10/2009
(87) International Publication No	:WO 2010/051141
(61) 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)PIERCE CLAUDIA C.

2)DECK PHILIP D.

3)CROVETTO ROSA

4)GEORGE BEENA

5)KALAKODIMI RAJENDRA PRASAD

6)SUNDARARAJAN GURUPRASAD

7)WHISENHUNT DONALD WAYNE

(57) Abstract :

Methods are provided to inhibit corrosion of metals in contact with aqueous systems such as cooling water systems. In accordance with the methods, a hydroxyacid compound and orthophosphates are used to treat the system. Additionally, an adjuvant including poly(epoxysuccinic acids), an additional hydroxy acid, and a polycarboxylic acid, may be added to the system water.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.2923/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A MEANS FOR PREVENTING UNINTENDED ROTATION OF KEY IN CYLINDRICAL LOCKS OF AUTOMOBILES□

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MINDA CORPORATION LIMITED

Address of Applicant :D6-11 Sector-59 Noida 201301 Uttar Pradesh India

(72)Name of Inventor :

1)Hardeep Singh Arora

2)Vikram Puri

3)Sanjeev Kumar Bhardwaj

4)Devender Singh Mehra

(57) Abstract :

The present invention relates to means for preventing unintended rotation of key in cylindrical locks of automobiles. More particularly the said means preventing the loss of functionality of cylinder lock for vehicles during unintended use. More particularly the said invention relates to preventing the rotation of key by the user at unintended position. Intended use here refers to rotation of key from ~OFF™ to ~ON™ position & vice versa rotation of key from ~LOCK™ to ~OFF™ position in key pushed condition & vice versa. Unintended use here refers to rotation of key from ~OFF™ position to ~ON™ position in key pushed condition.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3082/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A FLEXIBLE UNBONDED PIPE AND A METHOD FOR PRODUCING SUCH PIPE

(51) International classification	:F16L 9/12
(31) Priority Document No	:PA 2003 01371
(32) Priority Date	:19/09/2003
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK/2004/000637
Filing Date	:20/09/2004
(87) International Publication No	:WO 2005/028198
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1045/DELNP/2006
Filed on	:28/02/2006

(71)**Name of Applicant :**

1)NATIONAL OILWELL VARCO DENMARK I/S

Address of Applicant :PRIORPARKEN 480, DK-2605
BRONDBY Denmark

(72)**Name of Inventor :**

1)BRAAD, POUL, ERIK

(57) Abstract :

The present invention relates to a flexible unbonded pipe comprising an inner liner capable of forming a barrier against outflow of a fluid which is conveyed through the pipe, and one or more armouring layers on the outer side of the inner line. The flexible unbonded pipe comprises at least one polymer layer and one film layer, said polymer layer being bonded to said film layer. The film layer may preferably be a metal film layer, such as aluminum film, stainless steel film or duplex film. The polymer layer may preferably be cross-linked polyethylene. The interfacial bonding between the polymer layer and the film layer should preferably be sufficiently strong to prevent creation of gas pockets between the layers when subjected to an increased pressure of aggressive fluids (hydrogen, sulphides, methane and carbon dioxide) on the film side of the pipe. Thereby, it is possible to protect armour layer(s) from aggressive fluids.

No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3084/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED INTRA-UTERINE CONTRACEPTIVE DEVICE

(51) International classification	:H01R
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUJOY KUMAR GUHA

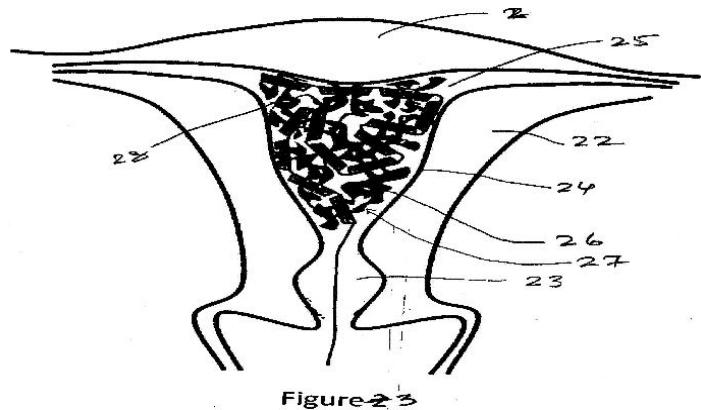
Address of Applicant :3, MANGLA APARTMENTS, G-BLOCK, KALKAJI, NEW DELHI-110019, INDIA

(72)Name of Inventor :

1)SUJOY KUMAR GUHA

(57) Abstract :

An improved intra-uterine contraceptive device (IUCD) characterized by comprising a polymer based material I and flexible structure 2, wherein the flexible structure 2 comprises tubelets 3 of a semi rigid polymer interconnected by connecting means 4, and provided with a pulling means 5 on one end, wherein the tubelets 3 have perforations in the form of holes 6, and both sides 7, 8 open and in sloping shape, wherein the combination of polymer based material 1 and flexible structure 2 is injectable in the uterine cavity. Figure 3



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2019/DEL/2010 A

(43) Publication Date : 27/09/2013

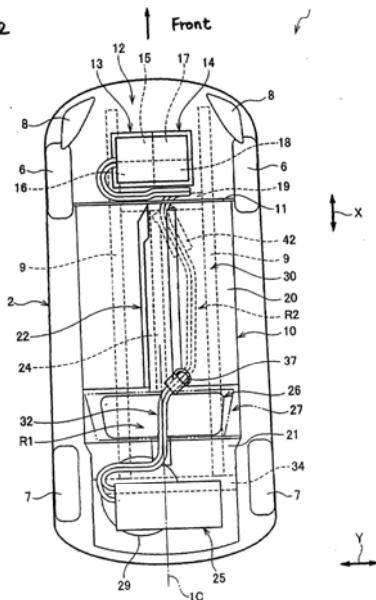
(54) Title of the invention : BRUSH-HOLDING DEVICE FOR MOTOR

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:2009-198613	1)KOKUSAN DENKI CO., LTD.
(32) Priority Date	:28/08/2009	Address of Applicant :3744 OHKA, NUMAZU-SHI, SHIZUOKA-KEN, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)AKIHIKO EGUCHI
Filing Date	:NA	
(87) 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 brush-holding device for holding a brush of a motor, the brush-holding device comprising a brush-holding plate having a notched part, and a brush holder which has a base plate and a pair of walls protruding from the surface of the base plate and which is joined to the brush-holding plate by the base plate being fitted in the notched part of the brush-holding plate; wherein the surface of the base plate of the brush holder and the surface of the brush-holding plate are disposed in the same plane, and the brush is inserted between the pair of walls of the brush holder. The height of the pair of walls of the brush holder is set to be equal to the height of the brush inserted between the walls, and protrusions formed in distal ends of the pair of walls of the brush holder fit in corners of the brush, thereby preventing the brush from coming out from between the walls.

FIG. 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2074/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELEVATOR DISPLAY DEVICE

(51) International classification	:B66B	(71) Name of Applicant :
(31) Priority Document No	:P2009-	1)TOSHIBA ELEVATOR KABUSHIKI KAISHA
(32) Priority Date	222542	Address of Applicant :5-27, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)IKEDA KYOICHI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There are provided: a plate (10) with a plurality of buttons arranged at its front face side, respectively corresponding to the passenger cage destination floor of an elevator; a control circuit board (9b) having the function of registering the content of control operation of the plurality of buttons, provided on the rear face side of the plate (10); a display circuit board (9a) provided on the rear face side of the plate (10), having a display device provided with a display element whose drive is controlled by the control circuit board (9b) and light-emitting elements that generate heat when driven and that light up these display elements; and an enclosure (11) that forms with the plate (10) a space for accommodation of the display circuit board (9a) and control circuit board (9b): this enclosure (11) or plate (10) is provided with a gap for discharge of heat generated in the control circuit board (9b) and display circuit board (9a) in the vicinity of this display circuit board (9a).

No. of Pages : 36 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.2939/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ISOLATED SAFETY ELECTRIC WATER HEATER □

(51) International classification	:G11B
(31) Priority Document No	:201020563941.3
(32) Priority Date	:15/10/2010
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)A.O. Smith (China) Water Heater Co. Ltd.

Address of Applicant :336 Yaoxin Avenue Nanjing Economic and Technological Development Zone Nanjing 210038 China

(72)Name of Inventor :

1)Peng LI

2)Zhi LI

3)Lige TENG

(57) Abstract :

The invention is related to an isolated safety electric water heater which belongs to the technology field of home appliances. The water heater comprises a water tank and an electric heating rod. The water tank is fixed to an inside-stretching metal tube and both constitute a sealed chamber; the electric heating rod is enclosed in a thermal conduction and electric insulation tube the external outline of which matches the internal outline of the metal tube; the electric heating rod enclosed in the thermal conduction and electric insulation tube then stretches into the water tank by inserting into the metal tube; at the nozzle of the thermal conduction and electric insulation tube an insulation board is arranged to separate the electric heating rod an electric control board wires and

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3099/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LOCKING DEVICE FOR AN INJECTION MOLDING MACHINE

(51) International classification	:B29C 45/64
(31) Priority Document No	:61/102,633
(32) Priority Date	:03/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001400
Filing Date	:02/10/2009
(87) International Publication No	:WO 2010/037236
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ATHENA AUTOMATION LTD.

Address of Applicant :372 NEW ENTERPRISE WAY,
VAUGHAN, ONTARIO L4H 0S8, CANADA

(72)**Name of Inventor :**

1)SCHAD, ROBERT D.

2)LINK, CARSTEN

(57) Abstract :

A combination comprises first and second platens of an injection molding machine, a tie bar extending from the second platen to the first platen, and a locking device for releasably securing together the tie bar and the first platen. The locking device includes: a) a housing extending along an axis coaxial with the tie bar and including a first bearing surface affixed to the first platen; and b) a lock nut received in the housing and rotatable within the housing about the axis between locked and unlocked positions, the lock nut comprising an inner bore with radially inwardly projecting engagement elements that engage the tie bar when in the locked position to transfer an axial clamp load from the tie bar to the lock nut, the radially inwardly projecting engagement elements provided along a first axial extent of the lock nut and defining a tie bar engagement portion; an outer surface with at least a first step face for abutting the first bearing surface to transfer the axial clamp load from the lock nut to the first platen, the first step face having a first radially outer extent; and the lock nut including a narrowing section having a second axial extent bounded by a first position proximate the first step face and a second position spaced axially from the first step face in a direction towards the second platen, wherein the outer surface has a first diameter at the first position and a second diameter at the second position, the first diameter being less than the first radially outer extent and greater than the second diameter.

No. of Pages : 41 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2011

(21) Application No.3014/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INDUSTRIAL PROCESS POWER SCAVENGING DEVICE AND METHOD OF DERIVING
PROCESS DEVICE POWER FROM AN INDUSTRIAL PROCESS□

(51) International classification	:C13G	(71) Name of Applicant :
(31) Priority Document No	:12/263,625	1)ROSEMOUNT INC.
(32) Priority Date	:03/11/2008	Address of Applicant :12001 Technology Drive Eden Prairie
(33) Name of priority country	:U.S.A.	MN 55344 U.S.A.
(86) International Application No	:PCT/US2009/062152	(72) Name of Inventor :
Filing Date	:27/10/2009	1)HEDTKE Robert C.
(87) International Publication No	: NA	2)BRODEN David A.
(61) Patent of Addition to Application Number	:NA	3)LU Liang-Ju
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process device (202) includes a fluid disruption generation element (210) to generate a fluid disruption within process fluid flowing through a pipe associated with an industrial process and a process variable sensor coupled to the disruption generation element (210) to measure a process parameter. The process device (202) further includes a power generation element (212) adapted to generate an electrical output signal in response to the fluid disruption and a power storage component (226) coupled to the power generation element (212). The power storage component (226) is adapted to accumulate a charge based on the electrical output signal.

No. of Pages : 48 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3086/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SELECTIVE SOLAR RADIATION PRISM TILE

(51) International classification	:H01R
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHUKLA GARIMA

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KUNJ NEW DELHI-110070 India

(72)Name of Inventor :

1)SHUKLA GARIMA

(57) Abstract :

In temperate region energy is required for both heating of buildings during winters and cooling in summers. Reflective paints are used on building surfaces to reflect solar radiations in hot summer seasons to reduce energy consumption for cooling devices like air conditioners. However, in cold winters the same reflective surface prevents absorption of solar radiations thereby increasing the room heating energy costs. The selective solar radiation prism tile uses a combination of total internal reflection and mirror reflection to control the passage of solar radiations through it in fixed panel of tiles. The cut angles of the prism aligned east-west allow the winter sun radiations to pass through the glass prism tile while summer sun radiations are reflected back into the atmosphere. This invention helps in absorbing winter radiations and reflecting summer radiations without changing the angle of prism tile panel

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3086/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DERIVATIVES OF 1- AMINO-2- CYCLOBUTYLETHYLBORONIC ACID

(51) International classification	:C07F 5/02
(31) Priority Document No	:61/194,614
(32) Priority Date	:29/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US/2009/005324
Filing Date	:25/09/2009
(87) International Publication No	:WO 2010/036357
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MILLENNIUM PHARMACEUTICALS, INC.
Address of Applicant :40 LANDSDOWNE STREET,
CAMBRIDGE, MA 02139, U.S.A.

(72)**Name of Inventor :**

1)PAUL E. FLEMING
2)JING LI

(57) Abstract :

The present invention provides novel compounds useful as proteasome inhibitors. The invention also provides pharmaceutical compositions comprising the compounds of the invention and methods of using the compositions in the treatment of various diseases.

No. of Pages : 60 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3087/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A PROCESS FOR ENANTIOSELECTIVE SYNTHESIS OF VESICULAR ACETYLCHOLINE TRANSPORTER INHIBITOR VESAMICOL AND ITS ANALOGUES.

(51) International classification	:C07C 211/52	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY ROORKEE Address of Applicant :ROORKEE-247 667, UTTRAKHAND, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No Filing Date	:NA	1)JYOTI AGARWAL, 2)RAMA KRISHNA PEDDINTI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

This invention relates to a process for enantioselective synthesis of vesicular acetylcholine transporter inhibitor Vesamicol and its analogues in particular Benzovesamicols, Azavesamicols and Spirovesimicols.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3089/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ADAPTIVE SWITCHING METHOD AND SYSTEM OF DOWNLINK MULTIPLE INPUT MULTIPLE OUTPUT MODE

(51) International classification	:H04B7/04
(31) Priority Document No	:200810168293.9
(32) Priority Date	:15/10/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/072856
Filing Date	:21/07/2009
(87) International Publication No	:WO 2010/043129
(61) Patent of Addition 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)XIAO, HUAHUA

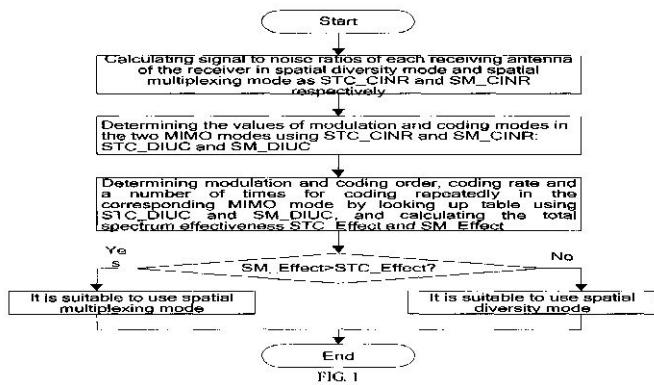
2)ZHU, DENGKUI

3)LIU, YING

4)LIANG, TING

(57) Abstract :

A method and a system for adaptive switch of a downlink Multiple Input Multiple Output (MIMO) mode are provided. The method is applied to a wireless communication system including a transmitter and a receiver. The method comprises: the wireless communication system deciding that a MIMO mode suitable for the receiver is a spatial multiplexing mode or a spatial diversity mode according to channel information when the decision moment arrives; transmitting data between the transmitter and the receiver by using the corresponding MIMO mode according to the decision result. The channel information includes any one or more of signal to noise ratio, modulation and coding mode and condition number of channel matrix



No. of Pages : 68 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3094/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SURFACE MODIFICATION OF POLYMERS VIA SURFACE ACTIVE AND REACTIVE END GROUPS

(51) International classification	:C08J 7/12
(31) Priority Document No	:61/115,337
(32) Priority Date	:17/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/064560 :16/11/2009
(87) International Publication No	:WO 2010/057080
(61) Patent of Addition 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 :HET OVERLOON 1, NL-6411 TE
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(72)Name of Inventor :

1)WANG, SHANGER

2)WARD, ROBERT S.

3)TIAN, YUAN

4)JIANG, XUWEI

5)MC CREA, KEITH

6)CURTIN, SCOTT

(57) Abstract :

Polymer surface modification method comprising the steps of first forming a surface of primary reactive end groups tethered to the polymer chain ends during fabrication of an article, and then modifying the reactive surface with bio-active molecules, hydrophilic and hydrophobic monomers, oligomers, or polymers to attain specific surface properties. Alternatively, a multifunctional coupling agent can be used to couple the primary reactive group to a second reactive group capable of reacting with a functional group associated with bio-active molecules, hydrophilic and hydrophobic monomers, oligomers, and polymers to attain specific surface properties. The invention involves bringing reactive endgroups to the surface with surface active spacer attached to the polymer chain end. The surface active spacer allows the migration and enrichment of reactive end groups to the surface during fabrication. The invention provides medical devices having a bio-interface with anti-thrombogenic properties, lubricity, selective adsorption, and antimicrobial properties.

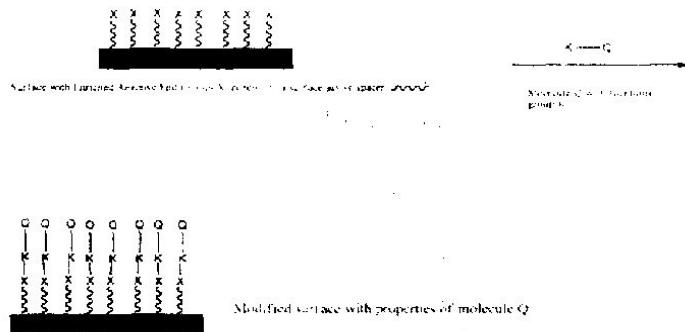


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3096/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ONE COMPONENT HEAT-CURABLE POWDER COATING COMPOSITION

(51) International classification	:C09D 5/03
(31) Priority Document No	:61/112,390
(32) Priority Date	:07/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/064728
Filing Date	:06/11/2009
(87) International Publication No	:WO 2010/052291
(61) Patent of Addition 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)JANSEN , JOHAN FRANZ GRADUS ANTONIUS

2)DRIJFHOUT, JAN PIETER

(57) Abstract :

The invention relates to a one component heat-curable powder coating composition comprising a resin containing reactive unsaturations and wherein all said reactive unsaturations are carbon carbon double bonds connected directly to an electron withdrawing group, a thermal initiation system comprising a transition metal catalyst and a peroxide, wherein the peroxide is chosen from the group of peroxyesters, mono-peroxycarbonates and mixtures thereof and a co-crosslinker chosen from the group of vinyl ethers, vinyl esters, vinyl amides, itaconates, enamines and mixtures thereof.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3097/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HEAT-CURABLE POWDER COATING COMPOSITION

(51) International classification	:C09D 5/03
(31) Priority Document No	:61/112,390
(32) Priority Date	:07/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/064727
Filing Date	:06/11/2009
(87) International Publication No	:WO 2010/052290
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)DSM IP ASSETS B.V

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(72)**Name of Inventor :**

1)JANSEN , JOHAN FRANZ GRADUS ANTONIUS

2)MOLHOEK, LEENDERT JAN

3)DRIJFHOUT, JAN PIETER

(57) Abstract :

The invention relates to a heat curable powder coating composition suitable for being cured at a temperature from 60 to 130°C comprising: a thermal initiation system and a resin system, wherein the reactivity of the thermal initiation system is such that the thermal initiation system provides a geltime between 2.5 and 1000 minutes at 60°C in butane diol-dimethacrylate as measured according to DIN 16945 using 1 wt% of the thermal initiation system in 99 wt% of butane diol-dimethacrylate, wherein the amount of thermal initiation system is chosen such that when the powder coating composition is applied to a substrate and cured at a temperature of 130°C for 20 minutes, the resulting coating resists at least 50 acetone double rubs, wherein the resin system comprises a resin and a co-crosslinker, wherein the resin contains reactive unsaturations and wherein said reactive unsaturations are carbon carbon double bonds connected directly to an electron withdrawing group, wherein the co-crosslinker is chosen from the group of acrylates,, methacrylates, vinyl esters, vinyl ethers, vinyl amides, alkyn ethers, alkyn esters, alkyn amides, alkyn amines, propargyl ethers, propargyl esters, itaconates, enamines and mixtures thereof, wherein the weight per unsaturation in the resin system is between 100 and 1000 g/mole as determined using 1H NMR and wherein the powder coating composition is a one component system. The powder coating compositions of the invention balance the ability to be cured at a low temperature with the ability to be easily processed in an extruder without the formation of gel.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/04/2011

(21) Application No.2573/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HERBICIDAL COMPOSITIONS

(51) International classification	:A01N 43/90
(31) Priority Document No	:0820344.0
(32) Priority Date	:06/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2009/064214
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/052161
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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5)PITTERNA THOMAS

6)MAIENFISCH PETER

7)JEANMART STEPHANE ANDRE MARIE

8)MUEHLEBACH MICHEL

(57) Abstract :

Herbicidal compositions containing as active ingredients spiroheterocyclic pyrrolidine dione compounds.

No. of Pages : 77 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2011

(21) Application No.2893/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CLAMPING DEVICE

(51) International classification	:F16H 7/08
(31) Priority Document No	:10 2008 051 143.9
(32) Priority Date	:09/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/062742
Filing Date	:01/10/2009
(87) International Publication No	:WO 2010/040679
(61) Patent of Addition 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)MARCELO RAMOS FALCAO

2)REINHARD KOCH

3)CHRISTOPHER KRAWIETZ

4)CHRISTIAN NUSSL

5)JURGEN STOLZLE

(57) Abstract :

The invention relates to a clamping device for compensating elongations of a tensioning means, comprising a clamping means, wherein a clamping element is disposed between the clamping means and a support surface (4) at the internal combustion engine, wherein the clamping element forms a design unit together with the clamping means, wherein the clamping element is led along a track (5) of the clamping means and is designed as a clamping piece (6) and wherein the track (5) makes an angle relative to the support surface (4).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3027/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AZEOTROPE-LIKE COMPOSITIONS OF 1,1,2,3-TETRACHLOROPROPENE AND HYDROGEN FLUORIDE

(51) International classification	:C07C 19/01
(31) Priority Document No	:61/110,227
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062454
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/051327
(61) Patent of Addition 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)HSUEH S. TUNG

2)HANG T. PHAM

3)RAJIV R. SINGH

4)DANIEL C. MERKEL

5)ROBERT JOHNSON

(57) Abstract :

An azeotrope-like composition consisting essentially of 1,1,2,3-tetrachloropropene and hydrogen fluoride is provided, as well as methods that involve such an azeotrope-like composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3100/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INJECTION MOLDING MACHINE WITH OFFSET MOVING PLATEN ACTUATOR

(51) International classification	:B29C 45/64
(31) Priority Document No	:61/102,633
(32) Priority Date	:03/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001398
Filing Date	:02/10/2009
(87) International Publication No	:WO 2010/037234
(61) Patent of Addition 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)SCHAD, ROBERT D.

2)STROHMAIER, FRANZ

(57) Abstract :

An injection molding machine comprises a first platen and a second platen, the first platen movable relative to the second platen in an axial direction between open and closed positions, and a plurality of tie bars extending generally between the first and second platens for coupling together the first and second platens. At least a first locking device is mounted to the first platen and associated with a first one of the tie bars for selectively locking and unlocking the moving platen relative to the tie bar. At least a first clamping mechanism is mounted to the second platen and associated with the first tie bar, the clamping mechanism including clamp and unclamp chambers on either side of a piston for moving the piston towards clamp and unclamp positions to exert a clamping force and a mold break force, respectively. The machine further includes a traverse actuator comprising one or more linear actuators coupled to at least one of the first and second platens for effecting said movement of the first platen relative to the second platen between the open and closed positions, the one or more linear actuators together being free of provision for applying a mold break force to the platens.

No. of Pages : 63 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3102/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF MANUFACTURING A ROTOR OF AN EXTERNAL-ROTOR MOTOR AND ROTOR OF AN EXTERNAL-ROTOR MOTOR

(51) International classification

:B62L

(31) Priority Document No

:10 2010

051 264.8

(32) Priority Date

:12/11/2010

(33) Name of priority country

:Germany

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SECOP GMBH

Address of Applicant :MADS-CLAUSEN-STRASSE 7, D-24939 FLENSBURG, Germany

(72)Name of Inventor :

1)NOMMENSEN, MARTEN

2)HANDKE, EKKEHARD

3)IVERSEN, FRANK HOLM

(57) Abstract :

The invention concerns a method of manufacturing a rotor (17) of an external-rotor motor, circle-segment shaped permanent magnets (7) being arranged along a circumferential face (4) of a cylindrical master (1), a cylinder ring (8) being fitted under pretension on outer surfaces of the permanent magnets (7), and subsequently a bottom part (13) being connected to the cylinder ring (8), an opening (14) of the bottom part (13) being arranged concentrically to the circumferential face (3) of the master (1). Further, the invention concerns a corresponding rotor. Fig. 1e

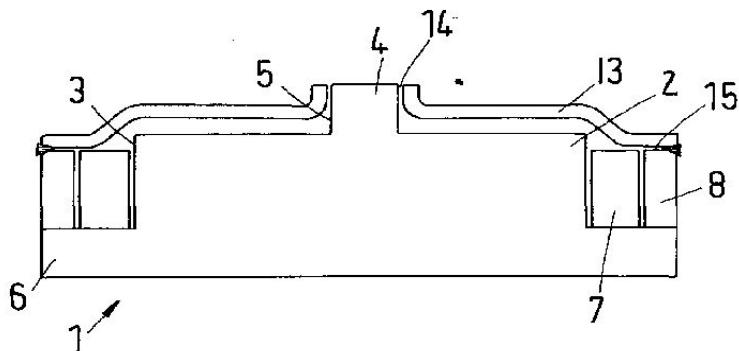


Fig.1e

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3103/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REFRIGERANT COMPRESSOR

(51) International classification	:B62L	(71)Name of Applicant :
(31) Priority Document No	:10 2010	1)SECOP GMBH
	051 265.6	Address of Applicant :MADS-CLAUSEN-STRASSE 7, D-
(32) Priority Date	:12/11/2010	24939 FLENSBURG, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)IVERSEN, FRANK HOLM
Filing Date	:NA	
(87) 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 :

Refrigerant compressor with an electric motor (3) and a compressor unit (2) that is arranged on a carrier 13. The carrier (13) comprises a carrying element (14) and an annular base element (15). In order to reduce the component height of the refrigerant compressor (1) and increasing the mass inertia, the base element (15) covers the motor (3) on the major part of its circumference and the major part of its axial extension. Fig. 1

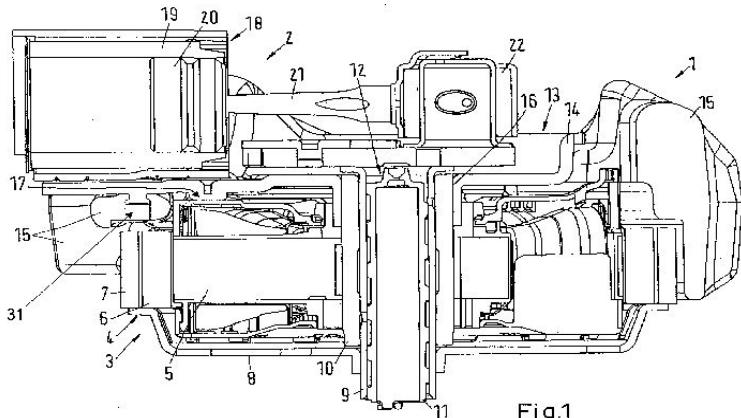


Fig.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.2467/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR CONTROLLING STRESS IN A HEATED REFRACTORY CERAMIC BODY

(51) International classification

:B23B

(31) Priority Document No

:61/378,154

(32) Priority Date

:30/08/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

A method of making a glass sheet using the fusion down-draw process includes (a) forming molten glass, (b) heating a fusion isopipe made of a refractory ceramic to a glass production temperature inside a furnace, (c) subjecting the fusion isopipe to a first stress-riser event during which a stress level in the fusion isopipe rises, and (d) following step (c), applying a temperature-hold period to the fusion isopipe in which a temperature distribution in the furnace is held stable, wherein the stress level in the fusion isopipe is reduced during the temperature-hold period.

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

(71)Name of Applicant :

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(72)Name of Inventor :

1)ADAM C.BERKEY

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3)EUNYOUNG PARK

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.2669/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF CO-FILLING A DAIRY PRODUCT AND CO-FILLED COMPOSITE DAIRY PRODUCT

(51) International classification	:A23G 3/20	(71) Name of Applicant :
(31) Priority Document No	:08166595.2	1)NESTEC S.A.
(32) Priority Date	:14/10/2008	Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/062645	1)SWERTVAEGHER, FRANCOIS
Filing Date	:29/09/2009	2)DELATTRE, JEAN-MARIE
(87) International Publication No	:WO 2010/043497	3)MOREAU, JEAN
(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 concerns a method for producing a composite dairy product by co-filling viscous components and obtaining a spiral or spiral-like product aspect. Advantageously, the method does not require rotational movements of filling nozzles for obtaining the product aspect and thus provides a reduction in the overall complexity of the filling equipment. The composite dairy product comprises a container comprising at least one transparent portion, and wherein a viscous component is visible as a substantially discontinuous stretch on said transparent portion of the container.

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2774/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DUAL VESSEL REACTOR

(51) International classification	:B01J 19/24
(31) Priority Document No	:61/100,014
(32) Priority Date	:25/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001361
Filing Date	:25/09/2008
(87) International Publication No	:WO 2010/034123
(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)HURDON A.HOOPER

(72)Name of Inventor :

1)BRIAN H. HARRISON

2)HURDON A.HOOPER

(57) Abstract :

A dual vessel reactor and a method of carrying out a reaction using a dual vessel reactor are provided using a non-condensable gas to substantially isolate the inner vessel from the outer vessel during the reaction and limit the heating of the outer vessel when steam from the inner vessel condenses on the interior surface of the outer vessel. By limiting the heating of the outer vessel through the condensation of the steam or other vapour from the inner vessel, the operating temperature of the outer vessel is kept below an upper threshold of the operating temperature of a seal used to seal the door in the outer vessel.

No. of Pages : 26 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2011

(21) Application No.2925/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROFILE OF A ROTOR BLADE AND ROTOR BLADE OF A WIND POWER PLANT

(51) International classification	:F03D 1/06
(31) Priority Document No	:10 2008 052 858.7
(32) Priority Date	:23/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/006574
Filing Date	:10/09/2009
(87) International Publication No	:WO 2010/046000
(61) Patent of Addition 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)PETSCHE, MARE

2)KORJAHN, MATTHIAS

3)GOLLNICK, BERT

(57) Abstract :

The invention relates to a profile (1 - 4) of a rotor blade (5) of a wind power plant. The profile (1 - 4) according to the invention is characterized in that the main camber line runs beneath the chord at least in sections in the direction of the pressure side (8). The inventive profile is further characterized in that the profile (1 - 4) has a relative profile thickness of greater than 45 % with a position of maximum thickness of less than 50 %, wherein a lift coefficient (ca) of greater than 0.9, particularly greater than 1,4 is achieved in turbulent flow.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2011

(21) Application No.3151/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SPREAD SPECTRUM SIGNAL ACQUISITION

(51) International classification	:H04B 1/707	(71) Name of Applicant :
(31) Priority Document No	:08425696.5	1)THALES ALENIA SPACE ITALIA S.P.A
(32) Priority Date	:29/10/2008	Address of Applicant :VIA SACCOMURO 24, I-00131-ROME, ITALY
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/064088	1)PAOLO CROSTA, DAVIDE ROVELLI AND PATRIZIA IACONE
Filing Date	:29/10/2008	
(87) International Publication No	:WO 2010/049392	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method (100) is described, for acquiring a direct sequence spread spectrum signal ($s(t)$), which is transmitted on a carrier frequency and is modulated with a code signal of length equal to N_c chips, for determining a code delay of said spread spectrum signal and a Doppler shift with respect to said carrier frequency, said determination being performed on a discrete two-dimensional space of M possible code delays and F possible frequency shifts, the method (100) comprising the following steps: receiving and sampling (102) said spread spectrum signal in order to obtain a sampled spread spectrum signal; - performing a despreading operation (103) of said sampled spread spectrum signal with a local replica signal of said code signal, by performing said despreading for a plurality of possible code delays between said sampled signal and said replica signal; - performing a parallel frequency search (104, 105, 107, 108, 109) on the result of said - despreading step, by performing a step (104) of computing a Fourier transform on said result. The Fourier transform is a fractional Fourier transform.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/08/2010

(21) Application No.1966/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF POLYISOCYANATES WITH A BIURET STRUCTURE

(51) International classification

:C08G

(31) Priority Document No

:102009038463.4

(32) Priority Date

:21/08/2009

(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) Abstract :

The present invention relates to an improved process for the preparation of polyisocyanates with a biuret structure by continuous reaction of excess amounts of organic diisocyanates having exclusively aliphatically and/or cycloaliphatically bonded isocyanate groups with organic diamines having exclusively aliphatically and/or cycloaliphatically bonded primary amino groups at elevated temperatures by 2-stage addition of the isocyanate component.

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

(71)Name of Applicant :

1)BAYER MATERIALSCIENCE AG

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(72)Name of Inventor :

1)DR. MARTIN BRAHM

2)DIETER MAGER

3)DR. ANDRE FELLHOLTER

4)DR. REINHARD HALPAAP

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/08/2010

(21) Application No.2023/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PEP SYSTEM FOR WALL GARDEN PLANT-ENVELOP-POCKET(PEP) SYSTEM FOR WALL GARDEN

(51) International classification	:A01G	(71) Name of Applicant : 1)MOHIT VERMA S/O MR. KAMTA PRASAD VERMA Address of Applicant :H/H-10, MODERN VILLAGE, NEAR DOHNA RAILWAY STATION, BAREILLY, 243202 Uttar Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

PEP system has the benefit of easy removal/replacement of plant from one pocket to the other as the plant is not attached with any fixed base/ surface.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2765/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVEMENTS IN PRINTED SECURITY FEATURES

(51) International classification	:B41M 3/14
(31) Priority Document No	:0819005.0
(32) Priority Date	:16/10/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002327
Filing Date	:29/09/2009
(87) International Publication No	:WO 2010/043846
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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KINGDOM

(72)**Name of Inventor :**

1)SIMON DEXTER MARCHANT

2)PAUL HOWLAND

(57) Abstract :

A security feature comprising an opaque first image and a second image at least partially overlying the first image, the second image being a printed image which has a lower visual resolution than the first image and the formation of the second image is such that, when the security feature is viewed in transmitted and/or reflected light, only the shape of the first image is readily discernable.

No. of Pages : 43 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2829/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS FOR REFINING MOLTEN METAL

(51) International classification	:C22B 9/05
(31) Priority Document No	:2008-238441
(32) Priority Date	:17/09/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/063028
Filing Date	:21/07/2009
(87) International Publication No	:WO 2010/032550
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NIPPON LIGHT METAL COMPANY, LTD.

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(72)Name of Inventor :

1)KURAMASU YUKIO

(57) Abstract :

An object of the present invention is to provide a small apparatus for refining molten metal in which the degassing and deslagging processes of the molten metal are performed to increase the degree of refining of the molten metal so that the quantity of the hydrogen gas is kept low and the generated slag is not probably poured out by the ladle, etc. In order to achieve the above object, the present invention provides an apparatus 1 for refining molten metal, which is used in a discharge chamber (a holding chamber) 4 for holding a molten metal Y, including: a processing tube portion 10 having an opening (an inlet hole) 13 through which the molten metal flows in and an outlet hole 15 through which the molten metal flows out, the processing tube portion is placed in the discharge chamber 4; and a refining apparatus 20 for performing at least one of degassing process or deslagging process of the molten metal Y in the processing tube portion 10, in which an upper end of the processing tube portion 10 projects from a surface of the molten metal Y in the discharge chamber 4.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2011

(21) Application No.3140/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NON-CONTACT POWER RECEPTION DEVICE AND VEHICLE INCLUDING THE SAME□

(51) International classification	:B23C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2008/068356
Filing Date	:09/10/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

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471-8571 Japan

(72)Name of Inventor :

1)Shinji ICHIKAWA

(57) Abstract :

Provided is a noncontact receiving device comprising a load such as a charging unit (150) or a power supply object, and a secondary self-resonant coil (110) for receiving an electric power to be fed to the load from a primary self-resonant coil (240) disposed outside. The secondary self-resonant coil (110) is so constituted as can be switched between a first state, which is magnetically coupled to the primary self-resonant coil (240) by the resonance of a magnetic field and which is selected at a receiving time, and a second state, which is less magnetically coupled than the first state by the resonance of the primary self-resonant coil and which is selected at a non-receiving time.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2354/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FUEL DISPENSER HAVING FUNCTIONS OF PREVENTING FUEL MIXING AND SUCKING FUEL VAPORS

(51) International classification	:B67C
(31) Priority Document No	:10-2010-0003612
(32) Priority Date	:14/01/2010
(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)JEON MYOUNG KWAN

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APT., 904 MOK-DONG, YANGCHEON-GU, SEOUL,
REPUBLIC OF KOREA

(72)**Name of Inventor :**

1)JEON MYOUNG KWAN

(57) Abstract :

A fuel dispenser having the functions of sucking fuel vapors and preventing the mixing of fuel is provided. The fuel dispenser includes a fuel vapor suction pipe, an air sensor detecting air inflow, an air pipe through which air flows, a fuel nozzle pipe with a gap between the fuel vapor suction pipe, a fuel mixing preventing unit movable along the fuel nozzle pipe by means of a spring force, a fuel vapor suction unit forcedly sucking the fuel vapor through the gap, and a corrugated closing member blocking a fuel filler opening when the fuel vapor suction pipe is inserted into the filler opening.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3047/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND PROCESS FOR THERMAL DECOMPOSITION OF ANY KIND OF ORGANIC MATERIAL

(51) International classification	:C10B 53/00	(71) Name of Applicant :
(31) Priority Document No	:PI0804349-3	1)RM MATERIAIS REFRATARIOS LTDA
(32) Priority Date	:16/10/2008	Address of Applicant :AV. DR. LEO DE AFFONSECA NETTO, 750 - PARTE - 12600 - 350 - LORENA - SP, BRAZIL
(33) Name of priority country	:Brazil	(72) Name of Inventor :
(86) International Application No	:PCT/BR2009/000321	1)GARCIA PINATTI DALTRÔ
Filing Date	:16/10/2009	2)OLIVERIA ISAIAS
(87) International Publication No	:WO 2010/043011	3)GUEDES SOARES ALVARO
(61) Patent of Addition to Application Number	:NA	4)ROMAO ERICA LEONOR
Filing Date	:NA	5)FERREIRA JOAO CARLOS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention refers to a Low Temperature Conversion apparatus composed of tri-tubes which simultaneously carries out the functions of vessel and heat exchanger. This apparatus is capable of thermally decomposing any kind of organic material to obtain coal, oil, water and non-condensable gases, and also decontaminating soils and residues contaminated with organochlorides and dioxins. The apparatus is used for thermal decomposition of any kind of organic material and comprises: an outer box (2) with a hermetic lid (19); a thermal insulation layer (5) disposed throughout the inner surface of the outer box (2) and lid, said apparatus also comprising at least a structure with three concentric tubes disposed internally, positioned substantially vertically and with a wall width suitable for heating by means of gases from an inner side and outer side of said structure. The invention also refers to a process for thermal decomposition of any kind of organic material using the apparatus of the present invention and comprises the steps of feeding the organic material into the apparatus; heating with gases on the inside and outside of an annular region located in the concentric tubes inside the apparatus; processing with extraction and condensation of oil; cooling with gases; and tilting of the apparatus.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.3210/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POWER DISPATCH SYSTEM FOR ELECTROLYTIC PRODUCTION OF HYDROGEN FROM WIND POWER

(51) International classification	:C25B 15/02
(31) Priority Document No	:61/193,124
(32) Priority Date	:30/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001530
Filing Date	:23/10/2009
(87) International Publication No	:WO 2010/048706
(61) Patent of Addition 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)JIM HINATSU

2)MICHAEL STEMP

3)WILLIAM STEWART

4)PHILIPP ANDRES

(57) Abstract :

A system for distributing electric power from a wind farm generating medium to high voltage AC electricity to multiple electrolyser modules for producing hydrogen. A system for distributing electric power from a wind farm generating medium voltage DC electricity to multiple electrolyser modules for producing hydrogen.

No. of Pages : 46 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/11/2011

(21) Application No.3211/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A FABRICATED MOST WATER-SAVING TOILET MADE OF NOVEL THERMOPLASTIC RESIN COMPOUND MATERIAL AND A PREPARATION METHOD THEREOF

(51) International classification	:B23B
(31) Priority Document No	:201110090758.5
(32) Priority Date	:12/04/2011
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)Shanghai Huda Investment & Development Co. LTD
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2)Qinghai Xiwang Hi-Tech & Material Co. LTD

(72)**Name of Inventor :**

1)Liqun CHI

(57) Abstract :

The present invention relates to a water-saving toilet made of novel thermoplastic resin compound material and a preparation method thereof. The toilet is made of novel thermoplastic resin compound material containing inorganic stuffing by injection technique and comprises a main body with a water outlet in the lower part and a flushing water pipe outlet in side wall of the water outlet a water tank with a cavity at the bottom which is provided with a main pipe opening and a flushing pipe inlet in the far end away from the water tank and in communication with the main body by the main pipe opening a flushing pipe and a siphon pipe the upper end of which is provided with a water inlet connected with the water outlet. The present invention also provides a method of producing the toilet featuring easily available and sufficient raw material simple operation.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2117/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CELLULOSE FIBERS CROSSLINKED WITH LOW MOLECULAR WEIGHT PHOSPHOROUS CONTAINING POLYACRYLIC ACID AND METHOD

(51) International classification	:D06M
(31) Priority Document No	:12/569,715
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)ANGEL STOYANOV

2)CHARLES E. MILLER

(57) Abstract :

A crosslinked cellulose fiber that has been crosslinked with a low molecular weight polyacrylic acid crosslinking agent, having phosphorous incorporated into the polymer chain and a method of crosslinking the fiber.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2983/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POLY HERBAL FORMULATION FOR IMPROVING THE COGNITION AND MEMORY IMPAIRMENT

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :AMITY UNIVERSITY CAMPUS,
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2)DRDO, DELHI

(72)Name of Inventor :

1)Dr. D.P. ATTREY

2)Mr. AMRIT KUMAR SINGH

3)Dr. B.G. ROY

(57) Abstract :

The present invention relates to the poly herbal formulation for improving the cognition & memory impairment comprising the leaf extract of the Seabuckthom (*Hippophae rhamnoides*) along with Bacopa monnieri and Centella asiatica extracts by exerting its effect on increasing concentration and other neurodegenerative disorders of the stressed and the aged people.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3054/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WIND POWER PLANT AND WIND-POWER-PLANT CONTROL METHOD

(51) International classification	:F03D
(31) Priority Document No	:PCT/JP2011/052885
(32) Priority Date	:10/02/2011
(33) Name of priority country	:PCT
(86) International Application No	:PCT/JP2011/052885
Filing Date	:10/02/2011
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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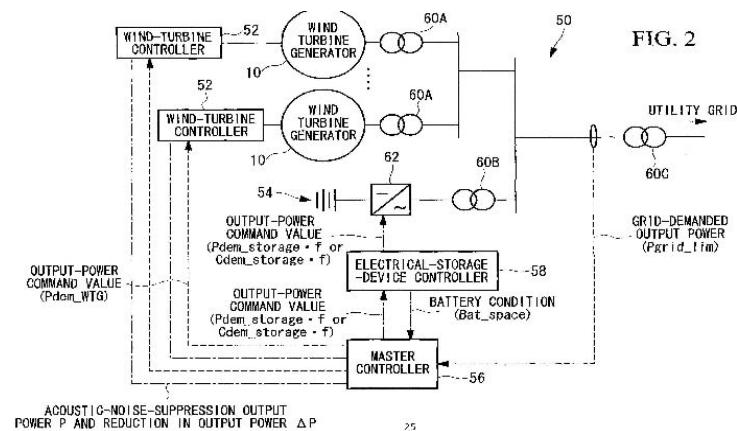
(72)Name of Inventor :

1)AKIRA YASUGI

2)KASUMI YANO

(57) Abstract :

A wind power plant (50) includes a wind turbine generator (10) and an electrical storage device (54) that supply electric power to a utility grid. A wind-turbine controller (52) performs for the wind turbine generator (10) an acoustic-noise suppression operation in which the rotational speed of blades is controlled in order to suppress acoustic noise generated through rotation of the blades, and also calculates a reduction in output power that is the difference in output power between the normal output power obtained when a normal operation is performed and the acoustic-noise-suppression output power obtained when the acoustic-noise suppression operation is performed. An electrical-storage-device controller (58) causes the electrical storage device (54) to be charged or discharged, based on the reduction in output power, the acoustic-noise-suppression output power, and the grid-demanded output power demanded from the utility grid. Therefore, the wind power plant (50) can supply, to the utility grid, the electric power demanded from the utility grid even when the operation of suppressing the occurrence of acoustic noise is performed for the wind turbine generator (10). FIGURE 2.



No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3058/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AZEOTROPE-LIKE COMPOSTIONS COMPRISING 1-CHLORO-3,3,3-TRIFLUOROPROPENE

(51) International classification	:C09K 5/04
(31) Priority Document No	:12/259,694
(32) Priority Date	:28/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062146
Filing Date	:27/10/2009
(87) International Publication No	:WO 2010/062572
(61) Patent of Addition 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)LESLIE BEMENT

3)KAINE COOK

4)RYAN HULSE

5)GARY KNOPECK

6)HANG T.PHAM

7)RAJIV R. SINGH

8)DAVID J. WILLIAMS

(57) Abstract :

An azeotrope-like mixture consisting essentially of chlorotrifluoropropene and at least one component selected from the group consisting of a C1 - C3 alcohol, a C5 - C6 hydrocarbon, a halogenated hydrocarbon, methylal, methyl acetone, water, nitromethane, and combinations thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3059/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE PERFORMING MODEL BASED ANTI-SURGE DEAD TIME COMPENSATION

(51) International classification	:F17B
(31) Priority Document No	:CO2010A000060
(32) Priority Date	:27/10/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)GALEOTTI, DANIELE

(57) Abstract :

Methods (400) and devices (140, 150) for performing a model based anti-surge dead time compensation in systems (100) including a compressor (110) and an anti-surge loop (120) are provided. A new position of an anti-surge valve (130) on the anti-surge loop (120) is determined by correcting for dead time a value of the anti-surge parameter calculated from field measurements, based on a predicted anti-surge parameter estimated using a deterministic model which has as variables the field measurements and a current position of the anti-surge valve (130).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.3216/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REMOTE METERING DEVICE

(51) International classification	:G01D 4/00
(31) Priority Document No	:0818449.1
(32) Priority Date	:09/10/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/051327
Filing Date	:07/10/2009
(87) International Publication No	:WO 2010/041062
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UK METER ASSETS LIMITED

Address of Applicant :THE EXCHANGE BUILDING,
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UNITED KINGDOM

(72)Name of Inventor :

1)FOY, ALAN, HENRY

(57) Abstract :

The invention relates in particular to an integrated device for the adaptation of fluid metering devices, comprising an attachment means for attachment to the meter, a pulse-generating means for generating electrical pulses at a rate dependent on the volume of fluid used, means for counting and storing the number of pulses generated during a particular time period, and communication means for communicating the stored pulse readings. Ideally these elements are integrated into a single housing, attachable to a meter by simply plugging thereto, without the need for any programming. (Fig . 1)

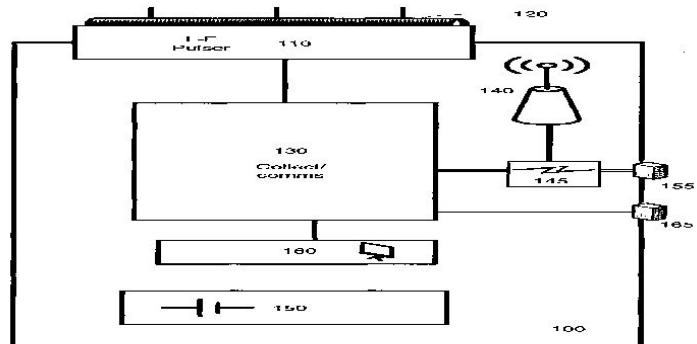


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2458/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CAM-TYPE LOCKING DEVICE FOR RETAINING STATIC FILTER PANELS IN A FILTER HOLDING FRAME

(51) International classification	:B41D	(71) Name of Applicant :
(31) Priority Document No	:12/880,496	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:13/09/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)BANKS STEPHEN FRANCIS 2)MCGUIGAN PETER
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A filter holder assembly includes at least one frame having a peripheral wall 12, 14, 16, 18 and an inwardly directed peripheral edge 20, 22, 24, 26 substantially perpendicular to said peripheral wall and adapted to support a filter 32. At least one cam lock lever 36 is secured to the peripheral wall at a first predetermined distance from the inwardly directed peripheral edge for compressing the filter in the frame and against said inwardly directed peripheral edge. The cam lock lever 36 has a handle portion 38 at one end thereof and a cam head provided with a cam foot 42 at an opposite end thereof. The cam lock lever 36 is rotatable to cause the cam foot 42 to move between an open position and clamping position where the cam foot 42 exerts a compressive force on the filter 32.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/04/2011

(21) Application No.2843/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PYRAZOLOPYRIDINE P13K INHIBITOR COMPOUNDS AND METHODS OF USE

(51) International classification	:C07D 471/04
(31) Priority Document No	:61/116,427
(32) Priority Date	:20/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/065085 :19/11/2009
(87) International Publication No	:WO 2010/059788
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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2)HEFFRON, TIM

3)OLIVERO, ALAN G.

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7)ZHU, BING-YAN

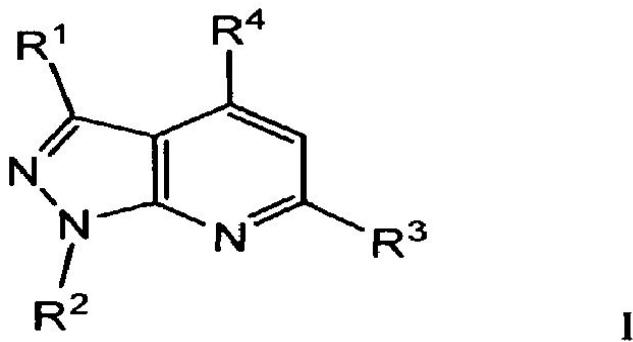
8)CHUCKOWREE, IRINA S.

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10)WAN, NAN CHI

(57) Abstract :

Compounds of Formula I, and including stereoisomers, geometric isomers, tautomers, solvates, metabolites and pharmaceutically acceptable salts thereof, are useful for inhibiting lipid kinases including p110 alpha and other isoforms of PI3K, and for treating disorders such as cancer or inflammation mediated by lipid kinases. Methods of using compounds of Formula I for in vitro, in situ, and in vivo diagnosis, prevention or treatment of such disorders in mammalian cells, or associated pathological conditions, are disclosed.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3068/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ULTRASONIC SPINE TREATMENT

(51) International classification	:A61N 7/00
(31) Priority Document No	:61/109,824
(32) Priority Date	:30/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US09/062542 :29/10/2009
(87) International Publication No	:WO 2010/059371
(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)F. JAVIER DE ANA**
- 3)NEILL M. POUNDER**
- 4)KEVIN J. TANIS**
- 5)JIN (NMI)ZHANG**
- 6)CRAIG P.CONNER**
- 7)DANIEL R. BULLIS**
- 8)MARK W. CORS**
- 9)DANIEL J. LEE**
- 10)RACHEL E. DESMIDT**
- 11)NICHOLAS S. REBACK**
- 12)STEPHEN A. LATHEM**

(57) Abstract :

The present invention relates to an apparatus for therapeutically treating bone structure using ultrasound, and more particularly, the present invention relates to an apparatus with an attachment structure for treating bone injuries or a variety of musculoskeletal injuries and/or problems

No. of Pages : 81 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3145/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/11/2011

(43) Publication Date : 27/09/2013

(54) Title of the invention : BOARD CONNECTOR, METHOD OF ASSEMBLING IT AND METHOD OF MOUNTING IT TO A BOARD

(51) International classification	:B23B
(31) Priority Document No	:JP2010-253083
(32) Priority Date	:11/11/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)SUMITOMO WIRING SYSTEMS, LTD

Address of Applicant :1-14, NISHISUEHIRO-CHO,
YOKKAICHICITY, MIE 510-8503 JAPAN.

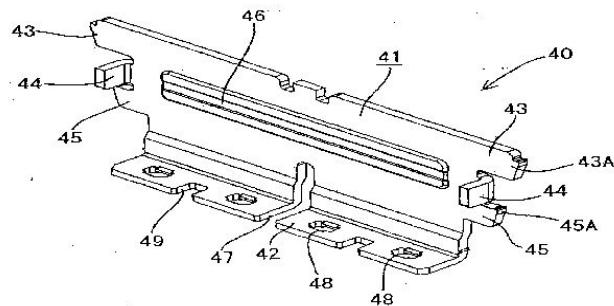
(72)Name of Inventor :

1)TETSUYA AIHARA

(57) Abstract :

An object of the present invention is to increase fixing strength of a board connector to a board without leading to the enlargement of a housing and the like. A board connector includes a housing 20 into which a mating connector 50 is to be fitted from front, mounting grooves 30 formed on side surfaces of the housing 20, and fixing fixtures 40 which are made of a metal plate material and to be mounted into the mounting grooves 30 while the plate surfaces thereof move along the side surfaces of the housing 20 and lower end portions of which are to be fixed to a board P. Projecting locking portions 43, 45 laterally projecting along the plate surface and a bent locking portion 44 bent outward substantially at a right angle with respect to the plate surface are vertically arranged one above another on each lateral edge of each fixing fixture 40. On the other hand, each mounting groove 30 includes receiving surfaces 35, 36 and 38 which respectively come into contact with the projecting locking portions 43, 45 and the bent locking portions 44 to prevent downward movements of the locking portions. FIG. 7

FIG. 7



No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.3235/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BIOMARKERS FOR ASSESSING ATHEROSCLEROTIC POTENTIAL

(51) International classification	:G01N 33/48
(31) Priority Document No	:61/113,417
(32) Priority Date	:11/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064047
Filing Date	:11/11/2009
(87) International Publication No	:WO 2010/056757
(61) Patent of Addition 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)GADKAR KAPIL

2)KADAMBI ANANTH

3)PEARSON CECELIA

4)POWELL LYNN

5)SILER SCOTT

6)TRIMMER JEFF

(57) Abstract :

The invention also provides methods, apparatuses and reagents useful for predicting future atherosclerosis based on expression levels of genes selected from the set of 68 genes with differential expression in response to pioglitazone and rosiglitazone. The invention also discloses reagent sets and biomarkers for predicting progression of atherosclerosis induced by anti-diabetic therapy in a subject. In one particular embodiment the invention provides a method for predict whether a compound will induce atherosclerosis using gene expression data from sub-acute treatments.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2989/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CAPTIVE SECURING MEANS FOR A SCREW

(51) International classification	:H01R
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(57) Abstract :

The invention relates to a captive securing means for a screw (2), having a shaft (1) for holding the screw (2) and having a retaining means (3) arranged in the shaft (1), the retaining means (3) resting, in the inserted state of the screw (2), at a tangential point (4) on the outer circumferential surface (5) of the screw (2), the retaining means (3) being arranged on the inner circumferential surface (6) of the shaft (1), and the retaining means (3) extending from the inner circumferential surface (6) of the shaft (1) in a substantially linear manner into the free region (7) of the shaft (1) such that at the tangential point (4) the angle (8) between the direction of extent (9) of the retaining means (3) and the outer circumferential surface (5) of the screw (2) is < 90 degrees. The captive securing means according to the invention ensures that the screw (2) is axially moveable in a particularly simple manner in the shaft (1) without the quality of the captive securing means being impaired, and also that the screw (2) is captively secured in the shaft (1) in a secure and reliable manner by means of the retaining means (3) resting on the outer circumferential surface (5) of the screw (2). (Figure 1)

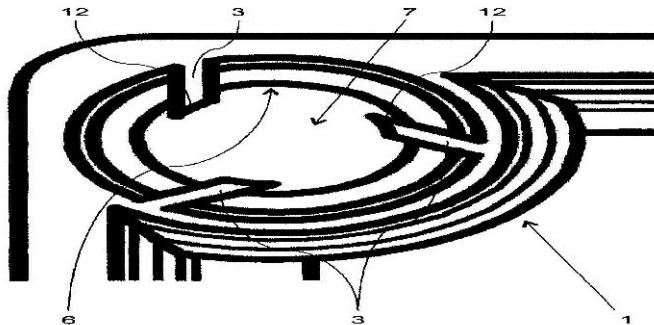


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3064/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A DYE COMPRISING A CHROMOPHORE TO WHICH AN ACYLOIN GROUP IS ATTACHED

(51) International classification	:C07C
(31) Priority Document No	:08018743.8
(32) Priority Date	:27/10/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/006888
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/049042
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 108-0075, Japan

(72)Name of Inventor :

1)GERDA FUHRMANN

2)GABRIELE NELLES

3)AMENEH BAMEDI ZILAI

4)MARKUS OBERMAIER

(57) Abstract :

The present invention relates to a dye comprising a chromophore to which an acyloin group as anchoring group is attached, to a method of synthesis of such dye, to an electronic device comprising such dye and to the use of such dye.

No. of Pages : 61 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3065/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PLATINUM-CONTAINING CATALYST AND METHOD OF PRODUCING THE SAME, ELECTRODE AND ELECTROCHEMICAL DEVICE

(51) International classification	:B01J 35/08	(71) Name of Applicant :
(31) Priority Document No	:2008-279144	1)SONY CORPORATION
(32) Priority Date	:30/10/2008	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 1080075, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2009/068578	1)SHUJI GOTO
Filing Date	:29/10/2009	2)SHIZUKA HOSOI
(87) International Publication No	:WO 2010/050550	3)YULI LI
(61) Patent of Addition to Application Number	:NA	4)YOSHIHIRO KUDO
Filing Date	:NA	5)AKIHIRO MAESAKA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There are provided a core-shell type platinum-containing catalyst being allowed to reduce the amount of used platinum and having high catalytic activity and stability and a method of producing the same, an electrode and an electrochemical device. The core-shell type platinum-containing catalyst includes a core particle (with an average particle diameter R1) made of a non-platinum element and a platinum shell layer (with an average thickness ts) satisfying $1.4 \text{ nm} \leq R1 \leq 3.5 \text{ nm}$ and $0.25 \text{ nm} \leq ts \leq 0.9 \text{ nm}$. The core particle includes an element satisfying $Eout \geq 3.0 \text{ eV}$, where average binding energy relative to the Fermi level of 5d orbital electrons of platinum present on an outermost surface of the shell layer is Eout. In a fuel cell including a platinum-containing catalyst which contains a Ru particle as a core particle, the output density at a current density of 300 mA/cm² is 70 mW/cm² or over, and an output retention ratio is approximately 90% or over.

No. of Pages : 151 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.3224/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOFTWARE VIDEO TRANSCODER WITH GPU ACCELERATION

(51) International classification	:H04N 7/26
(31) Priority Document No	:12/264,892
(32) Priority Date	:04/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063304
Filing Date	:04/11/2009
(87) International Publication No	:2010/054011
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ADVANCED MICRO DEVICES, INC

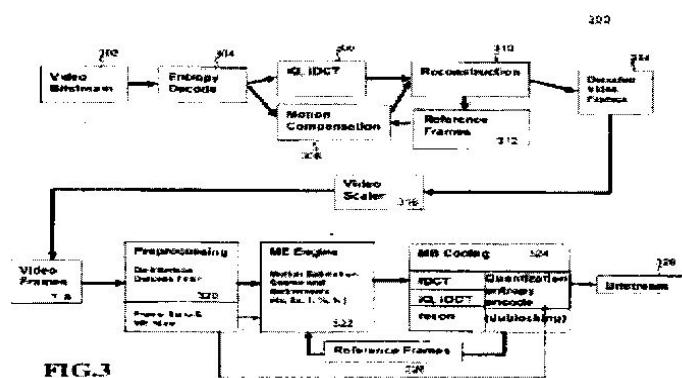
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(72)Name of Inventor :

1)SCHMIT MICHAEL, L
2)MEEYAKHAN RA WTHE, RAJY

(57) Abstract :

Embodiments of the invention as described herein provide a solution to the problems of conventional methods as stated above In the following description, various examples are given for illustration, but none are intended to be limiting Embodiments are directed to a transcoding system that shares the workload of video transcoding through the use of multiple central processing unit (CPU) cores and/or one or more graphical processing units (GPU), including the use of two components within the GPU a dedicated hardcoded or programmable video decoder for the decode step and compute shaders for scaling and encoding The system combines usage of an industry standard Microsoft DXVA method for using the GPU to accelerate video decode with a GPU encoding scheme, along with an intermediate step of scaling the video.



No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3073/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ENERGY CONVERSION DEVICES AND METHODS

(51) International classification	:F01N 3/10
(31) Priority Document No	:08305734.9
(32) Priority Date	:27/10/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/US2009/061764
Filing Date	:23/10/2009
(87) International Publication No	:WO 2010/051219
(61) Patent of Addition 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)PAULO GASPAR JORGE MARQUES

(57) Abstract :

An energy conversion device may include at least one hot source chamber (255, 355) configured to receive a hot fluid, at least one cold source chamber (275, 375) configured to receive a coolant, and a plurality of thermoelectric elements (272,-273, 773) in thermal communication with the at least one hot source chamber (255, 355) and at least one cold source chamber (275, 375), the thermoelectric elements being configured to create an electric potential when exposed to a temperature gradient. The at least one hot source chamber (255, 355) can be configured to perform catalytic conversion of the hot fluid received therein. The at least one hot source chamber (255, 355) and the at least one cold source chamber (275, 375) may be formed from a material having a relatively low coefficient of thermal expansion.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3157/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD AND APPARATUS FOR LIMITING THE IN-RUSH CURRENT TO A STARTER MOTOR OF A MOTOR VEHICLE

(51) International classification	:B23B
(31) Priority Document No	:1019079.1
(32) Priority Date	:11/11/2010
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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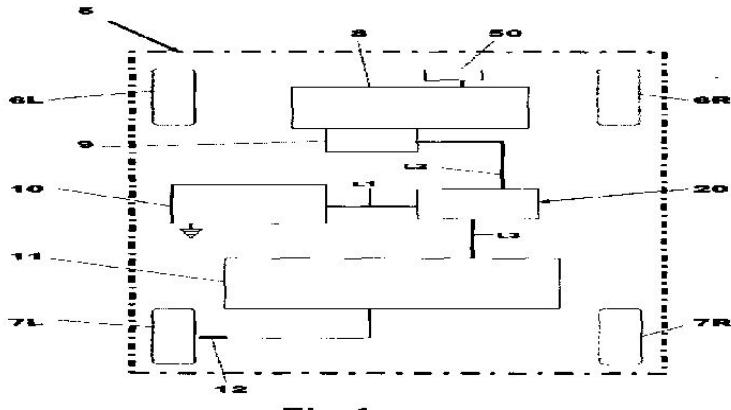
(72)Name of Inventor :

1)CONNELLY, CHRIS

2)CONEN, MARK

(57) Abstract :

A motor vehicle 5 having a start-stop system includes an engine 8 selectively started by means of an electric starter motor 9. The starter motor 9 draws current from a battery 10 via an in-rush control unit 20. The in-rush control unit 20 is controlled by an electronic controller 11. The electronic controller 11 is arranged to control the in-rush control unit 20 so as to impose different restrictions to the in-rush current drawn by the starter motor 9 based upon the current speed of the motor vehicle 5. In one example, if the speed of the motor vehicle 5 is less than a predetermined speed limit then a first restriction 21 is used which is a lower level of restriction than a second restriction 22 used when the motor vehicle speed is greater than the predetermined speed limit.



No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2011

(21) Application No.3158/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COLOR FORMULATION SELECTION PROCESS WITH VISUAL DISPLAY

(51) International classification	:G06F 7/06
(31) Priority Document No	:12/262,723
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062291
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/051294
(61) Patent of Addition 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)ANDERSON, GEOFFREY, BRUCE

2)WHITBY, JON, DAVID

3)HENRY, MICHAEL, J.

4)RAMSEY, BETH, C.

(57) Abstract :

A computer-implemented method of repairing a vehicle is disclosed. The methods includes steps of estimating the cost of performing repairs to a damaged vehicle and determining a refinish paint formulation for refinishing a vehicle by conducting a computer-based search for a refinish paint formulation that best matches the vehicle's original finish prior to performing the repair work on the vehicle, where the repair work comprises performing the repair work on the vehicle, where the repair work comprises performing any body work, mechanical systems work and/or electrical systems work and refinishing the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2011

(21) Application No.3251/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TYRE COMPRISING LOW-PERMEABILITY CARCASS REINFORCING CABLES, AND REDUCED THICKNESSES OR RUBBER COMPOUNDS

(51) International classification

:B60C 9/04

(31) Priority Document No

:08/57791

(32) Priority Date

:17/11/2008

(33) Name of priority country

:France

(86) International Application No

:PCT/EP09/065104

Filing Date

:13/11/2009

(87) International Publication No

:WO 2010/055118

(61) Patent of Addition to Application Number:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

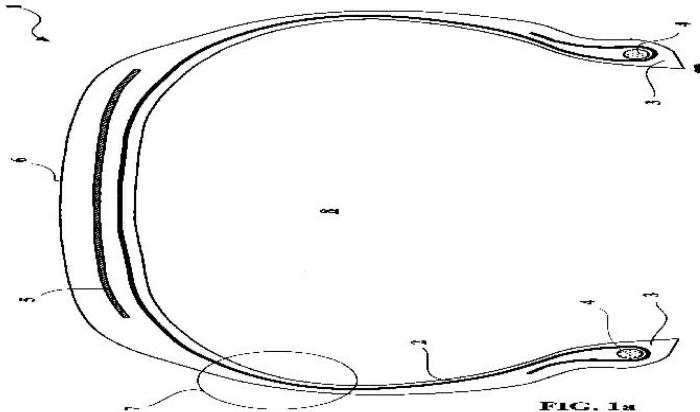
1)ALAIN DOMINGO

2)CHRISTELLE CHAULET

3)SEBASTIEN NOEL

(57) Abstract :

The invention relates to a tyre having a radial carcass reinforcement, consisting of at least one layer of metal reinforcing elements, said tyre comprising a crown reinforcement, which is itself covered radially with a tread, said tread being joined to two beads via two sidewalls. According to the invention, the metal reinforcing elements of at least one layer of the carcass reinforcement are non-hooped cords having, in the permeability test, a flow rate of less than 20 cm³/min and the thickness of the rubber compound between the inner surface of the cavity of the tyre and that point of a metal reinforcing element of the carcass reinforcement which is closest to said inner surface of the cavity is less than 4 mm. FIG. 1a



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3104/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : REFRIGERANT COMPRESSOR

(51) International classification	:B62L	(71) Name of Applicant :
(31) Priority Document No	:10 2010 051 300.8	1)SECOP GMBH Address of Applicant :MADS-CLAUSEN-STRASSE 7, D-24939 FLENSBURG, Germany
(32) Priority Date	:12/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)SVENDSEN, CHRISTIAN 2)NIELSEN, SVEN-ERIC 3)IVERSEN, FRANK HOLM
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a refrigerant compressor (1) with a closed housing (2), in which is arranged a compressor unit (3). The compressor unit (3) comprise a compressor block (4) and an electric motor (5) that comprises a rotor (7) that is rotatable around a rotation axis. In order to limit rotational oscillations between the housing (2) and the compressor unit (3), at least two protection elements (17, 18) are provided to act in a plane perpendicular to the rotation axis, the protection elements (17, 18) being arranged at a distance to the rotation axis.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3105/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A NOVEL BIO-POLYMER FROM THE FRUITS OF PRUNUS ANRABALUS AND ITS PHARMACEUTICAL APPLICATIONS

(51) International classification	:C01D	(71) Name of Applicant : 1)N.V. SATHEESH MADHAV Address of Applicant :DIRECTOR, DIT, FACULTY OF PHARMACY MAKKAWALA, DEHRADUN-248009 Uttarakhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a novelistic method for isolating a bio-polymer from fruits of Prunus amygdalus by a simplified economic process, the physicochemical properties of the bio-polymer and acute toxicity studies revealed that it consists of mucophilic functional groups devoid of toxicity. The invention also explores a novelistic approach for brain targeting using oro-soft palatal mucosa as a drug delivery platform. The concept was scientifically proved by formulating insulin loaded bio-films using Prunus amygdalus bio-polymer as a film former in presence of other co-processing agents. The results revealed promising pharmacodynamic properties of insulin bio-films. The bio-polymeric material displayed in-built novelistic properties like suspendability, bindability, emulsifiability which was proved by formulating suitable drug loaded formulations. The conclusion was drawn that the bio-polymer serves as a potent bio-excipient for formulating API loaded dosage forms and the oro soft palatal mucosa can provide a potential platform for brain targeting drug delivery.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONDUCTIVE OPTICAL DEVICE, PRODUCTION METHOD THEREFOR, TOUCH PANEL DEVICE, DISPLAY DEVICE, AND LIQUID CYRSTAL DISPLAY APPARATUS

(51) International classification	:G02B 1/11
(31) Priority Document No	:2009-203180
(32) Priority Date	:02/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005252
Filing Date	:26/08/2010
(87) International Publication No	:WO 2011/027518
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SONY CORPORATION

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(72)**Name of Inventor :**

1)SHUNICHI KAJIYA

2)MASAKI TAKENOUCHI

3)SOHMEI ENDOH

4)KAZUYA HAYASHIBE

5)KIYOHIRO KIMURA

(57) Abstract :

A conductive optical device includes a base member and a transparent conductive film formed on the base member. A surface structure of the transparent conductive film includes a plurality of convex portions having antireflective properties and arranged at a pitch equal to or smaller than a wavelength of visible light.

No. of Pages : 219 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3284/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DETECTION APPARATUS, DETECTION METHOD, AND RECEPTION APPARATUS

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	263806	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:26/11/2010	TOKYO, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)SHINICHI FUKUDA
Filing Date	:NA	2)HIROAKI NAKANO
(87) 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 detection apparatus detects, from a carrier signal which has been subjected to load modulation in accordance with information to be transmitted, the information. The detection apparatus includes a buffer configured to buffer the received carrier signal which has been subjected to the load modulation, and a detector configured to perform detection on the buffered carrier signal which has been subjected to the load modulation so as to detect the information.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3285/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CERAMIC COATED ORTHOPAEDIC IMPLANTS AND METHOD OF MAKING SUCH IMPLANTS

(51) International classification

:B23B

(31) Priority Document No

:12/950,073

(32) Priority Date

:19/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

Orthopaedic implants with scratch-, wear- and corrosion-resistant ceramic coatings on metal substrates are provided, as well as methods for making such coatings. The metal substrate is advantageously HIP'd and homogenized prior to coating with the ceramic, and the HIP'd and homogenized metal substrate is preferably ground and polished prior to coating with the ceramic. The ceramic coating may include a band with multiple thin alternating layers of titanium nitride, titanium carbonitride or both titanium nitride and titanium carbonitride, and may include an alumina overcoat. The present coatings curtail the growth of microcracks that can otherwise result from surface cracks or scratches on coated substrates, and thereby provide improved wear characteristics, scratch resistance, and prevent the penetration of corrosive fluids to the substrate material.

No. of Pages : 54 No. of Claims : 9

(71)Name of Applicant :

1)DEPUY PRODUCTS, INC.

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1)JASON B. LANGHORN

2)RONALD W. OVERHOLSER

3)BRYAN J. SMITH

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3060/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BENZIMIDAZOLE ANTHELMINTIC COMPOSITIONS

(51) International classification

:A61K 9/08

(31) Priority Document No

:61/103,675

(32) Priority Date

:08/10/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2009/059320

Filing Date

:02/10/2009

(87) International Publication No

:WO 2010/042395

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WYETH LLC.

Address of Applicant :FIVE GIRALDA FARMS, MADISON,
NEW JERSEY, 07940, U.S.A.

(72)Name of Inventor :

**1)ROBERT BRUKCE ALBRIGHT
2)MOSES COLUMBUS LAWRENCE
3)SIVAJA RANJAN
4)NA
5)SHOBHAN SHASHIKANT SABNIS;**

(57) Abstract :

A veterinary anthelmintic composition comprising: a) at least 10% w/v of a benzimidazole antnleminic; and b) a water-immiscible solvent system, which comprises a lactone solvent, an essential oil, and surfactant.

No. of Pages : 27 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3061/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ENCAPSULATED MAGNET ASSEMBLY AND PROCESS FOR MAKING

(51) International classification

:F17B

(31) Priority Document No

:12/915604

(32) Priority Date

:29/10/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)WEEBER, KONRAD ROMAN

2)VAN DAM, JEREMY DANIEL

3)ALI, MOHAMED AHMED

(57) Abstract :

The present invention provides an encapsulated magnet assembly, comprising (a) a magnet disposed within a housing, said housing comprising at least one wall and defining at least one aperture; and (b) a housing cover; the housing cover comprising a first portion made of a magnetic material and a second portion made of a non-magnetic material, wherein the housing cover is configured to hermetically seal said aperture, the first portion being fixedly attached to the second portion wherein a point of attachment is heat treated; and wherein the housing wall is formed of the non-magnetic material and is fixedly attached to the second portion of the housing cover. In one embodiment, the magnet of the encapsulated magnet assembly is a permanent magnet, and in an alternate embodiment an electromagnet. In one embodiment the encapsulated magnet assembly is a component of a stator-rotor assembly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3061/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PYRAZOLYLAMINOPYRIDINES AS INHIBITORS OF FAK

(51) International classification	:A61K 31/535
(31) Priority Document No	:61/108,568,
(32) Priority Date	:27/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062163
Filing Date	:27/10/2009
(87) International Publication No	:WO 2010/062578
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GLAXOSMITHKLINE LLC

Address of Applicant :ONE FRANKLIN PLAZA, 200
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19102, U.S.A.

(72)Name of Inventor :

1)JERRY LEROY ADAMS

2)THOMAS H FAITG

3)NEIL W. JOHNSON

4)HONG LIN

5)XIN PENG

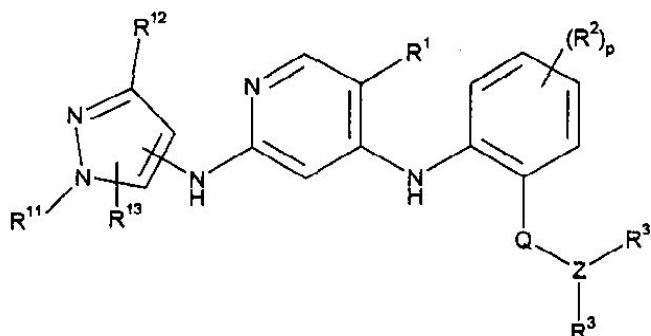
6)JIRI KASparec

7)REN XIE

8)MARK MELLINGER

(57) Abstract :

The present invention relates to a compound of formula (I): or a pharmaceutically acceptable salt thereof, wherein R1, R2, R3, R11, R12, R13, Q, Z, and p are as described herein. Compounds of the present invention are useful for the treatment of cancers.



(I)

No. of Pages : 102 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.3139/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PROCESSING SOLID POWDERS

(51) International classification

:B64D

(31) Priority Document No

:201010538173.0

(32) Priority Date

:11/11/2010

(33) Name of priority country

:China

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)WANG MINGMIN

2)HU LISHUN

3)LIU GANG

4)LIU KE

5)CUI ZHE

6)CHEN WEI

7)LV JING

8)ZHAO TONG

(57) Abstract :

A system for gasification of a solid powder is provided. The system comprises one or more conveying tanks configured to receive a solid powder and one or more solid pumps disposed downstream of and in fluid communication with the one or more respective conveying tanks. The system further comprises a gasifier disposed downstream of and in fluid communication with the one or more solid pumps. A conveyance unit and a method for conveyance and gasification of a solid powder are also presented.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.3228/DELNP/2011 A

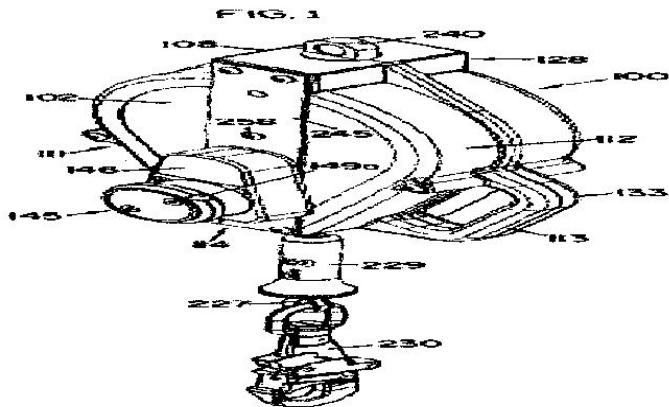
(43) Publication Date : 27/09/2013

(54) Title of the invention : SAFETY DEVICE WITH FALL ARREST AND DESCENDING MODES

(51) International classification	:A62B 35/04	(71)Name of Applicant :
(31) Priority Document No	:12/400,208	1)D B INDUSTRIES, INC,
(32) Priority Date	:09/03/2009	Address of Applicant :3833 SALA WAY, RED WING, MN
(33) Name of priority country	:U.S.A.	55066-5005 U.S.A.
(86) International Application No	:PCT/US2010/024896	(72)Name of Inventor :
Filing Date	:22/02/2010	1)WOLNER, THOMAS, JAMES
(87) International Publication No	:WO 2010/104665	2)CASEBOLT, SCOTT, CARL
(61) Patent of Addition to Application Number	:NA	3)GAMACHE, GABRIEL, GRANT
Filing Date	:NA	4)BLACKFORD, MATTHEW, JAMES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A safety device with fall arrest and descending modes includes a housing, a drum, a lifeline, first and second brake assemblies, and a control. The drum is rotatably operatively connected to the housing. The lifeline has an intermediate portion interconnecting a first end and a second end. The first end is operatively connected to the drum. The first and second assemblies are operatively connected to the drum. The control is operatively connected to the first and second brake assemblies and has a first position and a second position. The first position selectively engages the first brake assembly in a descending mode and the second position selectively engages the second brake assembly in a fall arrest mode. FIG.1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3303/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A NOVEL BIO-POLYMER FROM FRUITS OF ANACARDIUM OCCIDENTALE AND ITS PHARMACEUTICAL APPLICATIONS

(51) International classification	:C08L	(71) Name of Applicant : 1)N.V. SATHEESH MADHAV Address of Applicant :DIT-FACULTY OF PHARMACY, MUSSOORIE DIVERSION ROAD, VILL. MAKKAWALA, D.DUN 248009 Uttarakhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)N.V. SATHEESH MADHAV 2)SHAFFI KHURANA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention explores isolation of novel bio-material from fruits of Anacardium occidentale by a simplified economic process. The isolated bio-polymer was screened for its functional group by spectral analysis. The isolated bio-polymer was used for the formulation of Irbesartan loaded transdermal bio-films, Irbesartan loaded tablets, Irbesartan emulsions, Irbesartan loaded suspensions and nanoemulgels. This invention also explain method of preparation of nanoemulgels loaded with irbesartan using A.occidentale bio-polymer using co-surfactant titration method. All of the formulations showed excellent results and stability. It was concluded that the isolated bio-polymer can act as a smart drug delivery carrier for formulating various drug loaded formulations using various drugs. The results revealed that the bio-polymer comprised of promising emulsion forming functional groups which assist the adhesive nature and also optimum stability. It was also found to be non-toxic as it showed no toxic effect on albino rats.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2011

(21) Application No.2952/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AZO DYES, A PROCESS FOR THE PREPARATION THEREOF AND THE USE THEREOF

(51) International classification	:C09B 29/00
(31) Priority Document No	:08167141.4
(32) Priority Date	:21/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/062300
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/046192
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HUNTSMAN ADVANCED MATERIALS

(SWITZERLAND) GMBH

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KLYBACKSTRASSE 200, CH-4057 BASEL, SWITZERLAND

(72)Name of Inventor :

1)RALF PETERMANN

2)CHRISTIAN SUPPIGER

3)URS LAUK

(57) Abstract :

The present invention relates to dyes of formula wherein R1 and R2 are each independently of the other hydrogen, vinyl, allyl or C1-C6alkyl which is unsubstituted or substituted by cyano, carboxy, hydroxy, C1-C6alkoxy or C6-C24 aryl, R3 is hydrogen, C1-C6alkyl or C6-C24aryl, R4 is hydrogen, C1-C6alkyl or C6-C24aryl, 2-Cyano-C1-C6alkyl, 2-Alkoxy-C1-C6alkyl, 2-Oxo-C1-C6alkyl, n is 0, 1 or 2, and D denotes a radical of formula (2), (3), (4), (5), (6) or (7) wherein R5 is hydrogen, nitro, cyano or halogen, R6 and R7 are each independently of the other hydrogen, nitro, cyano or halogen, R8 and R9 are each independently of the other hydrogen, nitro, cyano or halogen, R10 and R11 are each Independently of the other nitro, cyano, trifluoromethyl, carboxy, C1-C6alkyl, C1-C6alkoxy, C1-C6acylamino or halogen, R12 and R13 are each independently of the other hydrogen, nitro, cyano, trifluoromethyl, carboxy, C1-C6alkoxycarbonyl, C1-C6alkylsulfonyl, C1-C6alkylsulfonylamino, C1-C6acylamino or halogen, R14 represents nitro, cyano or halogen and R15 is C1-C6alkyl, and R16 is nitro, cyano, trifluoromethyl, carboxy, C1-C6alkylsulfonyl, C1-C6alkylsulfonylamino. C1-C6acylamino or halogen, and to the process for the preparation thereof and to the use thereof in dyeing or printing semi-synthetic and especially synthetic hydrophobic fibre materials, more especially textile materials.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.2956/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTINUOUS FLOW SYNTHESIS OF META AMINOACETPHENONE

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)AMOL ARVIND KULKARNI
2)RAMESH ANNA JOSHI
3)ROHINI RAMESH JOSHI**

(57) Abstract :

The instant invention relates to a continuous process for the synthesis of meta aminoacetphenone. The invention further relates to a process that provides improved uniformity of meta aminoacetphenone at easily controlled process conditions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3038/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR RELAYING CAMEL RELATED MESSAGES IN A TELECOMMUNICATIONS NETWORK

(51) International classification	:H04L 29/06	(71) Name of Applicant :
(31) Priority Document No	:PCT/EP2008/064857	1)NOKIA SIEMENS NETWORKS OY
(32) Priority Date	:03/11/2008	Address of Applicant :OF KARAPORTTI 3, FI-02610 ESPOO, FINLAND
(33) Name of priority country	:PCT	(72) Name of Inventor :
(86) International Application No	:PCT/EP2008/064857	1)JANOSI, LASZLO
Filing Date	:03/11/2008	2)MOLNAR, ATTILA
(87) International Publication No	:WO 2010/060452	3)PASZTOR, ANDRAS
(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 refers to a method, an apparatus and a computer program product for relaying CAMEL related messages in a telecommunication network, wherein received CAMEL related messages and corresponding subscriber data are analyzed (S3), the received CAMEL related messages are translated (S5) in non-Camel messages, the non-Camel messages are relayed (S6) to a service delivery framework on the basis of the analysis result and non-CAMEL responses are received (S8) from the service delivery framework. The non-CAMEL responses are re-translated into standard CAMEL operation responses (S9), which are sent to initiator of the received CAMEL related message (S11).

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3360/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLAR THERMAL POWER PLANT AND DUAL-PURPOSE PIPE FOR USE THEREWITH

(51) International classification	:F03G 6/00
(31) Priority Document No	:61/193,207
(32) Priority Date	:05/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2009/001036
Filing Date	:05/11/2009
(87) International Publication No	:WO 2010/052710
(61) 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 CONCENTRATED SOLAR POWER LTD.

Address of Applicant :3 HAHACHSHARA 99107 BEIT
SHEMESH (INDUSTRIAL ARE WEST), ISRAEL

(72)Name of Inventor :

1)BREN MILLER, AVRAHAM

2)BENYAMINY, SHAY

(57) Abstract :

A solar thermal power plant is provided. The solar thermal power plant comprise a thermal-electric power plant and a solar collection system in communication therewith to provide heat thereto for driving its operation and being designed to facilitate capture of thermal energy of incident solar radiation by a thermal transfer fluid flowing therethrough for providing the heat. The solar collection system comprises one or more solar collectots configured for the capture. The solar collection system further comprises at least one dual-purpose pipe configured for carrying heated thermal transfer fluid to the thermal-electric power plant, the dual-purpose pipe comprising a supply chamber for carrying the thermal transfer fluid therethrough, and at least one storage element in thermal communication with and in fluid isolation from the supply chamber, and being configured for storing thermal energy for providing heat for driving operation of the thermal-electric power plant. Fig. 2

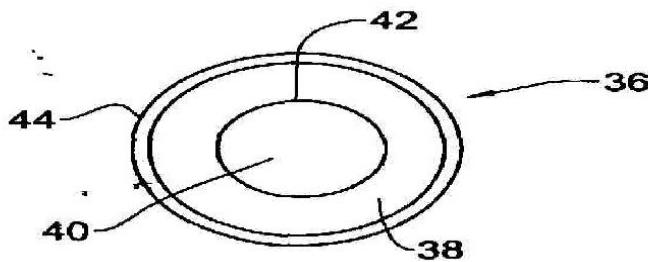


Fig. 2

No. of Pages : 36 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR PRODUCTION OF pH STABLE ENVELOPED VIRUSES

(51) International classification	:A61K 39/45
(31) Priority Document No	:61/117,900
(32) Priority Date	:25/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/065812
Filing Date	:25/11/2009
(87) International Publication No	:WO 2010/060921
(61) Patent of Addition 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 :FORSTHUA SGASSE 11 1200 VIENNA, AUSTRIA

(72)Name of Inventor :

**1)ROMANOVA JULIA
2)EGOROV ANDREJ
3)KRENN BRIGITTE
4)WOLSCHEK MARKUS
5)NAKOWITSCH SABINE**

(57) Abstract :

The present invention provides a method for producing pH-stable enveloped viruses wherein said viruses are used for infection of host cells under low pH conditions and for incubation with cell culture cells under conditions of low pH, as well as influenza viruses obtainable by this method which exhibit a high growth rate in cell culture, increased pH and temperature stability and which have human receptor specificity.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2011

(21) Application No.3319/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LIPOCHITO-OLIGOSACCHARIDES STIMULATING ARBUSCULAR MYCORRHIZAL SYMBIOSIS□

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:PCT/IB2008/003484	1)INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE
(32) Priority Date	:29/10/2008	Address of Applicant :147 rue de l'Universit F-75007 Paris FRANCE
(33) Name of priority country	:PCT	2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
(86) International Application No	:PCT/IB2009/074602	3)UNIVERSITE PAUL SABATIER (TOULOUSE III)
Filing Date	:28/10/2009	(72)Name of Inventor :
(87) International Publication No	: NA	1)DENARIE Jean
(61) Patent of Addition to Application Number	:NA	2)MAILLET Fabienne
Filing Date	:NA	3)POINSOT Vrna
(62) Divisional to Application Number	:NA	4)ANDRE Olivier
Filing Date	:NA	5)BECARD Guillaume
		6)GUEUNIER Monique
		7)CROMER Laurence
		8)HAOUY Alexandra
		9)GIRAUDET Delphine

(57) Abstract :

The invention relates to lipochitoooligosaccharides obtainable from arbuscular mycorrhizal fungi, and which are useful for stimulating arbuscular mycorrhizal symbiosis, and lateral root formation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2011

(21) Application No.3396/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : Method And System For Synchronizing A Network Using Existing Network Cables

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/956447	1)GE Aviation Systems LLC
(32) Priority Date	:30/11/2010	Address of Applicant :3290 Patterson Avenue SE Grand Rapids Michigan 49512-1991 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)BOBREK Pavlo
Filing Date	:NA	
(87) 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 network synchronizing system (100) is provided. The system includes a synchronizing transmitter (112) communicatively coupled to a message transmitter (134) and to a message receiver (138) of a master physical interface (PHY) device (131) of a first end system (104) of a local area network (LAN) (102) and a synchronizing receiver (118) communicatively coupled to a message transmitter (136) and to a message receiver (140) of a slave PHY device (132) of a second end system (106) of a local area network (LAN) where the synchronizing transmitter is configured to transmit a timing message to the synchronizing receiver using a first differential twisted pair connection (108) and using a second differential twisted pair connection (110) and the synchronizing transmitter is configured to transmit a synchronizing pulse to the synchronizing receiver using the first differential twisted pair connection and using the second differential twisted pair connection.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/05/2011

(21) Application No.3396/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : START-UP SYSTEM MIXING SPHERE

(51) International classification	:F01K 21/00
(31) Priority Document No	:12/248452
(32) Priority Date	:09/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/059351
Filing Date	:02/10/2009
(87) International Publication No	:WO 2010/042400
(61) Patent of Addition 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)COSTA VINCENT J

2)JOHN, M. BANAS

(57) Abstract :

A start-up system mixing element including; a body defining a cavity, a first inlet port disposed in the body and configured to provide a first fluid to the cavity, a second inlet port disposed in the body and configured to provide a second fluid to the cavity, an outlet port disposed in the body and configured to remove the first and second fluids from the cavity and an internal distribution pipe disposed in the first inlet port, wherein the internal distribution pipe is configured to provide the first fluid to the cavity via a plurality of holes directed toward a center of the cavity.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2011

(21) Application No.3397/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : Moisture Removal For Gasification Quench Chamber Assembly

(51) International classification

:B23B

(31) Priority Document No

:12/957266

(32) Priority Date

:30/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)General Electric Company

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

(72)Name of Inventor :

1)TIWARI Prashant

2)CORRY Judith Brannon

3)LASKOWSKI Gregory Michael

(57) Abstract :

A gasification assembly (800) that includes a quench chamber (802) and downstream transfer piping (870 2012) is disclosed. The gasification assembly (800) includes the quench chamber (802) and a liquid coolant (804) disposed therein and a dip tube (806) that is configured to couple a combustion chamber (900) to the quench chamber (802) and also configured to direct syngas (1000) from the combustion chamber (900) to the liquid coolant (804) and produce a cooled syngas (1002). The assembly (800) further includes a transfer pipe (870 2012) that is in fluid communication with the cooled syngas (1002) and configured to transfer the cooled syngas (1002) to a downstream scrubber component (920). The transfer pipe (870 2012) further includes an excess moisture removal device (872 2000) which is configured to remove moisture from the cooled syngas (1002).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2010

(21) Application No.2401/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOISTURE SEPARATION SYSTEM AND METHOD OF ASSEMBLING THE SAME

(51) International classification	:B23P
(31) Priority Document No	:12/604,724
(32) Priority Date	:23/10/2009
(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

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
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(72)Name of Inventor :

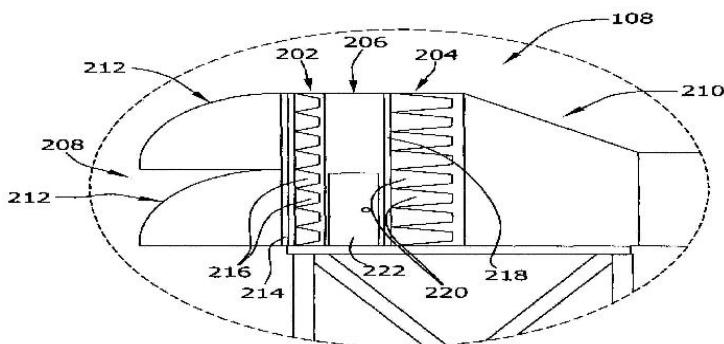
1)MANN RICHARD M. A.

2)DAVIES JOHN C.

(57) Abstract :

A moisture separation system (208) for a gas turbine power system (100) that includes a filter housing assembly (108) is provided. The moisture separation system including a weather hood (212) configured to be coupled to the filter housing assembly, the weather hood defining an inlet (308) for directing airflow into the filter housing assembly, and a moisture separator (312) configured to be coupled to the weather hood such that the moisture separator extends at least partially across the inlet and such that the moisture separator is rotatable in response to the airflow to facilitate removing moisture from the airflow.

FIG. 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/04/2011

(21) Application No.2675/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ISCHEMIC TISSUE CELL THERAPY

(51) International classification	:A61K
(31) Priority Document No	:61/096,727
(32) Priority Date	:12/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/056867
Filing Date	:14/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Avenida Carlos Chagas Filho n° 791
P3lo de Biotecnologia do Rio de Janeiro Cidade Universitaria Ilha
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3)UNIVERSITY OF SOUTH FLORIDA

(72)Name of Inventor :

1)SANBERG Paul R.

2)HOSSNE JR. NELSON AMERICO

3)WILLING Alison E.

4)INVITTI Adriana Luckow

(57) Abstract :

The present invention is directed to compositions and methods for treatment of ischemic diseases and conditions, particularly myocardial, CNS/brain and limb ischemia. More particularly, the present invention provides methods of treating disorders by administering undifferentiated monocytes obtained from blood, including umbilical cord blood, peripheral blood, or bone marrow to an individual in need of treatment, wherein the drug is administered to the individual at a time point specifically determined to provide therapeutic efficacy. In one embodiment, the undifferentiated cells are for injection into ischemic myocardium for the treatment of angina.

No. of Pages : 69 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2796/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NON--TRANSGENIC TOMATO VARIETIES HAVING INCREASED SHELF LIFE POST-HARVEST

(51) International classification	:A01H 1/06
(31) Priority Document No	:61/104,628
(32) Priority Date	:10/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/060235
Filing Date	:09/10/2009
(87) International Publication No	:WO 2010/042865
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ARCADIA BIOSCIENCES. INC.

Address of Applicant :2390 EAST CAMEL-BACK ROAD
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(72)**Name of Inventor :**

1)HURST, SUSAN R.

2)LOEFFLER, DAYNA L.

3)STEINE, MICHAEL N.

(57) Abstract :

A series of independent human-induced, non-transgenic mutations found in at least one non-ripening (NOR) gene of tomato; tomato plants having these mutations in at least one of their NOR genes; and a method of creating and identifying similar and/or additional mutations in the NOR gene by screening pooled and/or individual tomato plants. The tomato plants of the present invention exhibit fruit that ripen more slowly, rot more slowly, are firmer, and have a longer shelf life post-harvest as a result of non-transgenic mutations in at least one of their NOR genes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.3420/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING THE INTRODUCTION OF SUBSTITUTION FLUIDS UPSTREAM OR DOWNSTREAM OF A DIALYZER OR FILTER

(51) International classification	:A61M 1/34	(71) Name of Applicant :
(31) Priority Document No	:DE 10 2008 051 541.8	1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH Address of Applicant :ELSE-KRÖNER-STRASSE 1, BAD HOMBURG V.D.H. 61352, Germany
(32) Priority Date	:14/10/2008	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)JOSEF BEDEN 2)ITKA BADO 3)GEORG VERCH
(86) International Application No Filing Date	:PCT/EP2009/007214 :08/10/2009	
(87) International Publication No	:WO 2010/043331	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for monitoring the introduction of substitutor fluids for an extra-corporeal blood processing device with an extra-corporeal blood circuit (5A), comprising an arterial blood line (5), running from an arterial patient connection (6b) to a first chamber (3) of a dialyzer (1) or filter divided into said first chamber and a second chamber (4) by a membrane (2) and a venous blood line (7), running from the first chamber of the dialyzer or filter to a venous patient connection (7b). The invention further relates to a device for monitoring the introduction of substitution fluids for an extracorporeal blood processing unit with an extra-corporeal blood circuit and an extracorporeal blood processing device with a device for monitoring the introduction of substitution fluids. Said method and said device for monitoring the introduction of substitution fluids are based on monitoring the fluid level in the bubble trap (9), arranged in the venous blood line (7) of the extra-corporeal blood circuit (5A). Said method and said device require that fluid is added to fill the extra-corporeal blood circuit for example for a rinsing procedure of the extra-corporeal blood circuit by means of the substitution fluid supply line (17) arranged upstream or downstream of the dialyzer (1). A pre-dilution can be commanded when, after initiating the rinsing process the fill level in the bubble trap does not drop below a certain level. When by contrast the fill level drops below a given level a post-dilution can be commanded.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3261/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A NOVEL BIOPOLYMERIC MATERIAL FROM PHASEOLUS VULGARIS SEEDS AND ITS SMART INBUILT PROPERTIES FOR ITS PHARMACEUTICAL APPLICATIONS.

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)N.V. SATHEESH MADHAV
(32) Priority Date	:NA	Address of Applicant :DIT-FACULTY OF PHARMACY
(33) Name of priority country	:NA	MUSSOORIE-DIVERSION ROAD, DEHRADUN Uttarakhand
(86) International Application No	:NA	India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)N.V. SATHEESH MADHAV
(61) Patent of Addition to Application Number	:NA	2)ABHIJEET OJHA
Filing Date	:NA	3)RADHIKA GUPTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The current investigation discloses a smart way for isolating the biopolymeric material from the seeds of Phaseolus vulgaris. Its physicochemical properties and spectral study revealed that it contains keto and amino as major functional groups. The biopolymer is devoid of oral toxicity. It also displayed its in-built emulsifiability. It also explains a method for preparing Escitalopram bio-nanoparticles using biomaterial isolated from Phaseolus vulgaris seeds and other co-processing agents. The nanoparticles were further formulated into nanogels by using a biogellant. The Escitalopram bio-nanogels displayed significant in-vitro, in-vivo pharmacodynamic properties which were confirmed in experimental rats by applying the formulation via transcranial route. The formulation displayed significant anticonvulsant activity. This is due to significant delivery of Escitalopram to brain via transcranial route. Conclusion was drawn that the biomaterial isolated from Phaseolus vulgaris seeds can serve as novel bio-excipient and this transcranial route is a unique platform for targeting the drugs to brain. Keywords :-Phaseolus vulgaris, Escitalopram, nanoparticles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3347/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ORAL CARE COMPOSITIONS CONTAINING GEL NETWORKS AND FUSED SILICA

(51) International classification	:A61Q 11/00
(31) Priority Document No	:61/117,856
(32) Priority Date	:25/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065673
Filing Date	:24/11/2009
(87) International Publication No	:WO 2010/068424
(61) Patent of Addition 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 :ONE PROCTER & GAMBLE PLAZA,
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(72)Name of Inventor :

1)DECKNER, GEORGE, ENDEL

2)LEBLANC, MICHAEL, JUDE

3)DOLAN, LAWRENCE, EDWARD

4)BAIG, ARIF, ALI

5)HUGHES, IAIN, ALLAN

(57) Abstract :

An oral care composition comprising a fused silica abrasive and a gel network.

Silica Sample	Tensile Strength 44CNS	Tensile Strength 44C	Sphericity N-200000	325P	RG 5	RST 2500 850	Shinetsu	Tensile Strength 10°	Kindent 100°	Zetafine 115	Vitronell 75°	Vitronell 65°
Type	Fused	Fused	Fused	Fused	Fused	Fused	Fused	Fused	Fused	Fused	Fused	Fused
Particle shape	Angular	Angular	Spherical	Angular	Angular	Angular	Angular	Angular	Angular	Angular	Angular	Angular
Mathew PSD (microns) (D ₅₀ -3) mean	8.8	13.2	10.2	20.6	6.6	12.6	6.4	3.9	14.9	15.8	-	-
D _{0.1}	1.5	1.6	1.8	2.2	1.8	1.6	1.2	1.4	2.6	3.3	Medium	Medium
Median (D ₅₀)	5.7	8.4	8.2	14.7	5.1	7.1	3.6	3.9	11.2	11.9	14(0.5)	14(0.5)
D _{0.9}	39.6	32.8	21.9	48.9	13.8	28.2	12.8	7	32.7	34.0	+	+
Spex	3.5	4.1	2.3	3.3	2.6	3.9	1.9	1.7	2.7	2.6	-	-
Bulk density (g/ml.)	0.62	0.68	0.75	0.70	0.69	0.62	-	-	0.40	0.27	0.26	0.35
Tapped density (g/ml.)	0.95	0.91	1.21	1.12	0.82	0.93	-	-	0.51	0.35	0.32	0.41
Oil absorption (ml./100g)	29.8	26.9	29.9	29.8	33.7	-	-	-	79.5	110.7	113	90
Loss on drying (7 g @ 105°C for 2 hours)	0.1%	0.2%	0.0%	0.1%	0.1%	0.1%	-	-	7.8%	8.1%	3.2%	4.9%
Loss on ignition (1 g @ 800°C for 1 hour)	2.2%	1.9%	0.8%	0.5%	0.6%	1.1%	-	-	4.8%	3.1%	0.5%	0.3%
IRI Surface Area - N ² (m ² /g)	5.18	5.49	2.96	2.33	4.54	6.65	2.15	8.42	35.6	42.6	60	55
Gelated density (g/ml.)	57.0	52.0	37	154	256	707	-	1427	1919	3716	-	-

*Information from Rhodia precipitated silica brochure

Fig. 1

No. of Pages : 81 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3348/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SENSITIVITY ORAL CARE COMPOSITIONS

(51) International classification	:A61Q 11/00
(31) Priority Document No	:61/117,856
(32) Priority Date	:25/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065827
Filing Date	:25/11/2009
(87) International Publication No	:WO 2010/068471
(61) Patent of Addition 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)BAIG, ARIF, ALI

3)HAUGHT, JOHN, CHRISTIAN

4)HUGHES, IAIN, ALLAN

(57) Abstract :

An oral care composition comprising a fused silica abrasive, wherein the fused silica has a median particle size of from 0.25 micron to 5.0 microns.

Silica Sample	True-SiO ₂ 400°C 400°C	True-SiO ₂ 600°C 600°C	Spherical 325F	RGS 250F 600	BET 250F 600	Blended	True-SiO ₂ 100°	Zonalized 100°	Zonalized 115°	True-SiO ₂ 75°	True-SiO ₂ 55°
Type	Fused	Fused	Fused	Fused	Fused	Fused	Fused	Fused	Fused	Fused	Fused
Particulate shape	Angular	Angular	Spherical	Angular	Angular	Angular	Angular	Angular	Angular	Angular	Angular
Median D ₅₀ (microns) D _{43.3} (micron)	5.8	13.2	10.2	29.4	6.6	12.8	6.4	5.9	14.9	13.8	-
D _{0.1}	1.5	1.6	1.8	2.2	1.6	1.6	1.4	1.4	2.8	3.3	Medium
Median	5.7	7.4	8.2	14.2	5.1	7.1	5.6	5.7	11.2	11.9	D _{0.51} D _{0.61}
D _{0.9}	20.6	32.8	21.0	48.9	13.8	29.2	12.2	7	32.7	34.0	9
Span	3.4	4.3	2.3	3.3	2.4	3.9	3.9	1.7	2.7	2.6	-
Basic density (g/ml.)	0.62	0.68	0.75	0.76	0.69	0.62	-	-	0.66	0.57	0.36
Tapped density (g/ml.)	0.89	0.91	1.21	1.12	0.82	0.93	-	-	0.71	0.35	0.32
As) adhesiveness (mN/100g)	21.8	29.6	33.9	79.8	39.6	53.7	-	-	70.8	110.7	115
Loss on dryness (2 g at 105°C for 2 hours)	0.1%	0.2%	0.0%	0.1%	0.1%	0.1%	-	-	1.3%	0.1%	5.2%
Loss on ignition (1 g at 1000°C for 1 hour)	2.2%	1.0%	0.5%	0.5%	0.6%	1.1%	-	-	4.5%	1.1%	8.5%
BET Surface Area - N ² (m ² /g)	5.18	5.09	2.08	2.33	6.54	6.65	2.15	6.42	35.8	42.4	80
SiO ₂ density (kg/m ³)	574	528	47	154	554	797	-	1427	3989	3716	-

Information from Rhodia precipitated silica brochure

Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3349/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POLYPEPTIDE FOR TREATING OR PREVENTING ADHESIONS

(51) International classification	:A61K 38/00
(31) Priority Document No	:61/106,834
(32) Priority Date	:20/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061345
Filing Date	:20/10/2009
(87) International Publication No	:WO 2010/065203
(61) Patent of Addition 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)PANITCH, ALYSSA

(57) Abstract :

The described invention provides compositions and methods for treating or preventing adhesions in a subject in need thereof, the method comprising the step of (a), administering an adhesion-reducing amount of a composition comprising a polypeptide having the amino acid sequence YARAAARQ ARAKALARQLGV AA [SEQ ID NO: 1] or a functional equivalent thereof and a carrier. The methods are clinically useful for reducing formation of adhesions initially and for therapeutic treatment of existing scars.

No. of Pages : 52 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.3426/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR START-STOP CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F02N 11/08
(31) Priority Document No	:10 2008 042 946.5
(32) Priority Date	:20/10/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/061013 :26/08/2009
(87) International Publication No	:WO 2010/046164
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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70442, Germany

(72)Name of Inventor :

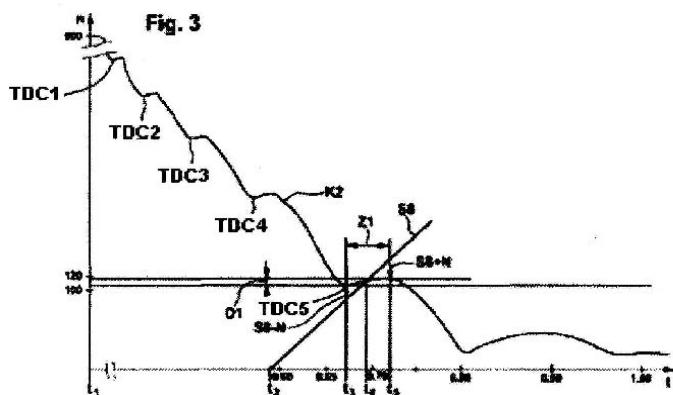
1)ROESSLE, MARKUS

2)MAURITZ, EWALD

3)SENGEBUSCH, FALCO

(57) Abstract :

The present subject matter relates to a method and a control device for controlling a start-stop operation of an internal combustion engine (1) in a motor vehicle. The control device controls a starting device (7) having a starter motor (8) and an engagement device (10), in order to start the internal combustion engine (1) and to implement a start-stop operation. Further, a rotational speed and a position of a crankshaft (2) of the internal combustion engine (1) are detected by means of a detection device (4). According to the present subject matter, a time point is defined, after switching-off of the internal combustion engine (1), for engagement into an annular gear (6) of the slowing down internal combustion engine (1).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLAR CELLS MODULES COMPRISING LOW HAZE ENCAPSULANTS

(51) International classification	:C07F 9/40
(31) Priority Document No	:61/110,486
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062919
Filing Date	:02/11/2009
(87) International Publication No	:WO 2010/051522
(61) Patent of Addition 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)PESEK, STEVEN, C.

2)SMITH, CHARLES, ANTHONY

3)SHAFFER, W., ALEXANDER

4)HAYES, RICHARD, ALLEN

(57) Abstract :

Provided is a solar cell module comprising a solar cell layer and an ionomer sheet comprising an ionomer composition, said ionomer composition comprising a first ionomer that is the neutralized product of a first precursor acid copolymer, wherein, (A) the first precursor acid copolymer comprises copolymerized units, of a first alpha-olefin having 2 to 10 carbon atoms and about 20 to about 30 wt%, based on the total weight of the first precursor acid copolymer, of copolymerized units of a second alpha, beta-ethylenically unsaturated carboxylic acid having 3 to 8 carbon atoms; (B) the first precursor acid copolymer has a melt flow rate of about 70 to about 1000 g/10 min, as determined in accordance with ASTM D1238 at 190°C and 2.16 kg; and (C) the first precursor acid copolymer, when neutralized to a level of about 40% to about 90% with sodium cations, produces a sodium ionomer, having a melt flow rate of about 0,7 to about 25 g/10 min and a freeze enthalpy that is not detectable or that is less than about 3.0 j/g, when determined by differential scanning calorimetry (DSC) in accordance with ASTM D3418.

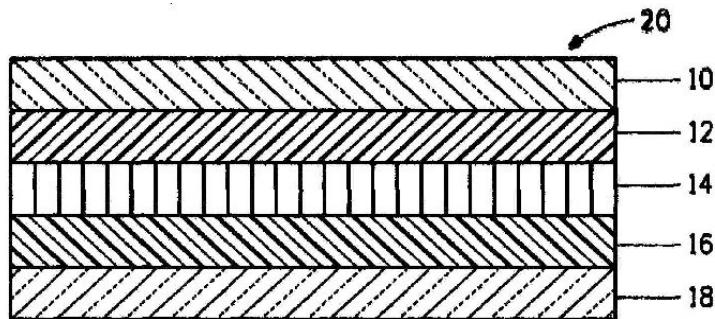


FIG. 1

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.3231/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND PROCESS FOR GAS PHASE FLUIDISED BED POLYMERISATION REACTION

(51) International classification	:B01J 8/24
(31) Priority Document No	:08165825.4
(32) Priority Date	:21/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/06216
Filing Date	:21/09/2009
(87) International Publication No	:WO 2010/037653
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)INEOS EUROPE LIMITED

Address of Applicant :HAWKSLEASE, CHAPEL LANE,
LYNDHURST HAMPSHIRE SO43 7FG, UNITED KINGDOM

(72)**Name of Inventor :**

1)DUMAS, THIBAULT

2)RAMSAY, KEVIN PETER

(57) Abstract :

The present invention relates to an apparatus and a process for polymerisation, and, in particular, provides an apparatus for gas phase fluidised bed polymerisation of olefins, which apparatus comprises: A) a first section which is an upright cylindrical section having a diameter, D1, and cross-sectional area, A1, and B) a second section, provided vertically above the first section and centred about a common vertical axis to the upright cylindrical first section, the base of the second section having a cylindrical cross-section of diameter D1 and being joined to the top of the first section, and the horizontal cross-sectional area of the second section above its base being greater than the cross-sectional area of the first section, characterised in that: i) D1 is greater than 4.5 metres, and ii) the second section has a maximum horizontal cross-sectional area, A2, which is between 3.2 and 6 times the cross-sectional area, A1, of the first section.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR CONTROLLING A PROCESS FOR POLYMERISATION OF AN OLEFIN

(51) International classification	:C08F 2/00
(31) Priority Document No	:08165810.6
(32) Priority Date	:03/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/062180
Filing Date	:21/09/2009
(87) International Publication No	:WO 2010/037650
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INEOS EUROPE LIMITED

Address of Applicant :HAWKSLEASE, CHAPEL LANE,
LYNDHURST HAMPSHIRE SO43 7FG, UNITED KINGDOM

(72)Name of Inventor :

1)CHAMAYOU, JEAN-LOUIS

2)SERE PEYRIGAIN, PIERRE

(57) Abstract :

The present invention relates to a method for controlling a process for polymerisation of an olefin, and in particular to a method for controlling a process for polymerising at least one olefin in a reaction zone, said process comprising in the reaction zone a reaction mixture and polymer particles, the reaction mixture comprising a principal olefin and at least one further reagent, and wherein the process is controlled using the ratio of at least one further reagent to principal olefin in the polymer particles in the reaction zone or in the amorphous phase of said polymer particles.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3234/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A NOVEL MUCOADHESIVE DEXAMETHASONE BIO - NANOSUSPENSION FOR TARGETING TO BRAIN VIA EAR

(51) International classification	:C07C	(71) Name of Applicant : 1)N.V. SATHEESH MADHAV Address of Applicant :DIT-FACULTY OF PHARMACY, MUSSOORIE DIVERSION ROAD, VILL MAKKAWALA, DEHRADUN 248009 Uttarakhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)N.V. SATHEESH MADHAV 2)ABHAY PRATAP YADAV 3)SHIVANI KALA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention discloses a novelistic approach for delivering drug to brain via ear by formulating suitably mucoadhesive dexamethasone bio nanosuspension. The concept was initially screened by using various active pharmaceutical ingredients & screening its pharmacological action in experimental evidence. The results revealed that significant amount was reaching brain when administered through ear probably may be by muco - neuronal pathway. The concept was further explored by formulating dexamethasone bio nanosuspension using Solarium melongena as a bio - retardant which was isolated from fruit of Solamml melongena by simplified economic process in order to target the drug to the brain. The study was conducted in - vitro as well in - vivo method. The bio - polymer also exhibited its in - built properties like emulsifiability, film ability etc which was scientifically confirmed by suitably formulating drug delivery systems. The conclusion was drawn that bio - polymer can serve as a bio - excipient for designing various drug delivery systems & this innovative approach for targeting to brain via ear is significant, patent compliant & can also be used for delivering other APIs by formulating suitable dosage form loaded with drug.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.3487/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SEPARATING CELLS FROM BODY FLUIDS

(51) International classification	:A61M 1/36
(31) Priority Document No	:12/325,672
(32) Priority Date	:01/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE09/051327
Filing Date	:24/11/2009
(87) International Publication No	:WO 2010/064973
(61) 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 ROD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)**Name of Inventor :**

1)PETER MILLER

2)BRIAN D. POLLIZZOTTI

3)REGINALD D. SMITH

4)ANUP SOOD

5)NICHOLE L. WOOD

6)LIMING YU

7)HONGYI ZHOU

(57) Abstract :

Method and systems, for processing biological material, that contain a biological material in a vessel; add an aggregating agent to the material in the vessel and allow the material to separate into two or more distinct submaterials; extract one or more of the submaterials from the vessel; automatically transport one or more of the submaterials remaining in the vessel to a filtration device; and collect a resulting target retentate into a target retentate receptacle.

No. of Pages : 46 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3242/DEL/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:C08C	(71) Name of Applicant :
(31) Priority Document No	:61/413,712	1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC.
(32) Priority Date	:15/11/2010	Address of Applicant :GRANDVIEW ROAD, SKILLMAN, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)SASA ANDJELIC
Filing Date	:NA	2)MODESTO ERNETA
(87) International Publication No	:NA	3)MICHAEL J. FEVOLA
(61) Patent of Addition to Application Number	:NA	4)FRANK C. SUN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

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

No. of Pages : 80 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/12/2011

(21) Application No.3528/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : System And Method For Operating A Thrust Reverser For A Turbofan Propulsion System

(51) International classification	:B62B
(31) Priority Document No	:12/969258
(32) Priority Date	:15/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GE Aviation Systems LLC

Address of Applicant :3290 Patterson Avenue SE Grand
Rapids Michigan 49512-1991 U.S.A.

(72)Name of Inventor :

1)KOPECEK Joseph Thomas

2)WALKER Peter William

(57) Abstract :

A thrust reverser assembly for use in a turbofan engine assembly is provided. The engine assembly including a core gas turbine engine a core cowl which circumscribes the core gas turbine engine a nacelle positioned radially outward from the core cowl to define a fan nozzle duct between the core cowl and a portion of the nacelle the nacelle including a stationary cowl. The thrust reverser assembly includes a first translating cowl slidably coupled to the nacelle the first translating cowl positionable with respect to the stationary cowl a second translating cowl slidably coupled to the nacelle such that the first translating cowl is positioned between the stationary cowl and the second translating cowl the second translating cowl positionable with respect to the first translating cowl a positioning assembly coupled to the first translating cowl and an actuator assembly operatively coupled

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/12/2011

(21) Application No.3529/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : System And Method For Control Of A Grid Connected Power Generating System

(51) International classification

:B62B

(31) Priority Document No

:12/966269

(32) Priority Date

:13/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)General Electric Company

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

(72)Name of Inventor :

1)DELMERICO Robert William

2)LARSEN Einar Vaughn

(57) Abstract :

A power generating system includes an energy source coupled to a DC link through a first power converter and a second power converter to couple the DC link to a power grid. A first controller in the power generating system regulates voltage on the DC link and a second controller regulates a parameter of the energy source. A dynamic parsing controller coupled to the first power converter and the second power converter selectively parses the output signals of the first and second controllers and generates operating commands for the first and second power converters based at least in part on the parsed output signals.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/12/2011

(21) Application No.3530/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : Seat Belt Holding Structure

(51) International classification	:B62B	(71) Name of Applicant :
(31) Priority Document No	:2010-272319	1)Suzuki Motor Corporation Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka 432-8611 (JP) Japan
(32) Priority Date	:07/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)OHNAKA Yosuke
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 seat belt holder engageably holding a seat belt is provided on a design surface of an interior component with a vertically two-divided structure composed of an upper interior component and a lower interior component the seat belt holder is formed integrally on one of a lower end portion of the upper interior component and an upper end portion of the lower interior component which are coupled to each other protrudes from a parting portion of one of the lower end portion and the upper end portion faces a holding surface on a design surface of the other and a seat belt is inserted between the seat belt holder and the holding surface to be engaged with the seat belt holder.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2011

(21) Application No.2959/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ILLUMINATION APPARATUS AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:F21K 99/00
(31) Priority Document No	:0817917.8
(32) Priority Date	:01/10/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002340
Filing Date	:01/10/2009
(87) International Publication No	:WO 2010/038025
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)OPTOVATE LIMITED

Address of Applicant :77 HEYFORD PARK, UPPER
HEYFORD, OXFORDSHIRE 0X25 5HD, GREAT BRITAIN
U.K.

(72)**Name of Inventor :**

1)WOODGATE, GRAHAM, JOHN

2)HARROLD, JONATHAN

(57) Abstract :

An illumination apparatus and method of manufacture of the same in which an array of light-emitting elements is aligned to an array of optical elements to achieve a thin and efficient light source that can also be arranged to provide directional and/or programmable illumination.

No. of Pages : 65 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3020/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AZEOTROPE-LIKE COMPOSITIONS OF 1,1,1,2,3-PENTACHLOROPROPANE AND HYDROGEN FLUORIDE

(51) International classification	:C07C 19/01	(71) Name of Applicant :
(31) Priority Document No	:61/110,216	1)HONEYWELL INTERNATIONAL INC., Address of Applicant :LAW DEPARTMENT AB/2B, 101
(32) Priority Date	:31/10/2008	COLUMBIA ROAD, MORRISTOWN, NJ 07962, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US09/062481	1)HSUEH S. TUNG 2)HANG T. PHAM 3)RAJIV R. SINGH 4)DANIEL C. MERKEL
Filing Date	:29/10/2009	
(87) International Publication No	:WO 2010/051340	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An azeotrope-like composition consisting essentially of 1,1,1,2,3-pentachloropropane and hydrogen fluoride is provided, as well as methods that involve such an azeotrope-like composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3021/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMAGING PARTICULATE COMPOSITION, PAPER AND PROCESS, AND IMAGING OF PAPER USING DUAL WAVELENGTH LIGHT

(51) International classification	:G03F 7/004	(71) Name of Applicant : 1)INTERNATIONAL PAPER COMPANY Address of Applicant :6400 POPLAR AVENUE, MEMPHIS, TN 38197, U.S.A.
(31) Priority Document No	:61/196,128	
(32) Priority Date	:15/10/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US09/060327 :12/10/2009	(72) Name of Inventor : 1)RICHARD C. WILLIAMS 2)RICHARD D. FABER 3)OLEG GRINEVICH 4)JOHN MALPERT 5)ALEXANDRE MEJIRITSKI 6)DOUGLAS C. NECKERS
(87) International Publication No	:WO 2010/045137	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An article comprising: a dual wavelength image-forming particulate comprising a matrix of polymer material and containing: one or more image-forming agents; a photo-oxidizing agent which is activated at a first wavelength of light to cause the one or more image-forming agents to form one or more images; and a reducing agent which is activated at a second wavelength of light to cause termination of the formation of the one or more images.

No. of Pages : 45 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3090/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CLEAR SYNTHETIC BINDER

(51) International classification	:C08L 91/00
(31) Priority Document No	:FR 08/06354
(32) Priority Date	:14/11/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2009/055061
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/055491
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOTAL RAFFINAGE MARKETING

Address of Applicant :24, COURS MICHELET, F-92800
PUTEAUX, FRANCE

(72)Name of Inventor :

1)NEUVILLE, MATHIEU

2)ZUCCO, SYLVIE

3)BARJON, DANIELE

(57) Abstract :

The invention relates to a clear synthetic binder comprising at least one oil of plant origin, at least one resin of petroleum origin and at least one polymer, the amount of oil of plant origin in the binder is greater than or equal to 10% by weight and the amount of polymer in the binder is less than or equal to 15% by weight. The clear synthetic binder according to the invention has a good consistency, a reduced viscosity, and suitable behaviour at low temperature and elastic properties. The invention also relates to a bituminous mix prepared from said clear synthetic binder, this bituminous mix is prepared at temperatures between 100°C and 160°C, preferably between 120°C and 140°C and has suitable rutting resistance and water resistance.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3246/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NOVEL LAYERSOME COMPOSITION FOR ORAL DELIVERY OF ANTI CANCER AGENTS

(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)NATIONAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH (NIPER)**

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Punjab-160062 India

(72)Name of Inventor :

**1)Sanyog Jain
2)Dinesh Kumar
3)Nitin Kumar Swarnakar
4)Kaushik Thanki**

(57) Abstract :

The present invention provides novel layersome composition for oral delivery of anticancer agents. The liposomes are coated with charged polyelectrolytes in layer-by-layer manner to give layersomes which in turn provide enhanced stability in gastrointestinal tract (GIT) upon oral delivery of anticancer agents.

No. of Pages : 51 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : NICOTINE IMMUNONANOTHERAPEUTICS

		(71)Name of Applicant : 1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY Address of Applicant :77 MASSACHUSETTS AVENUE, CAMBRIDGE, MA 02139, UNITED STATES OF AMERICA 2)PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3)THE BRIGHAM AND WOMEN'S HOSPITAL, INC.
(51) International classification	:A61K 39/00	
(31) Priority Document No	:PCT/US2008/011932	
(32) Priority Date	:12/10/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/060236 :09/10/2009	
(87) International Publication No	:WO 2010/042866	
(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 compositions and systems for delivery of nanocarriers to cells of the immune system. The invention provides nanocarriers capable of stimulating an immune response in T cells and/or in B cells. The invention provides nanocarriers that comprise an immunofeature surface having a plurality of nicotine moieties. The invention provides pharmaceutical compositions comprising nanocarriers. The present invention provides methods of designing, manufacturing, and using nanocarriers and pharmaceutical compositions thereof. For example, the present invention describes nanocarriers capable of eliciting an immune response and the production of anti-nicotine antibodies.

No. of Pages : 259 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3297/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HIGH POWER-DENSITY, HIGH BACK EMF PERMANENT MAGNET MACHINE AND METHOD AND METHOD OF MAKING SAME

(51) International classification	:H01G
(31) Priority Document No	:12/949925
(32) Priority Date	:19/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)GENERAL ELECTRIC COMPANY

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NEW YORK 12345, U.S.A.

(72)**Name of Inventor :**

1)EL-REFAIE, AYMAN MOHAMED FAWZI

2)KING, ROBERT DEAN

(57) Abstract :

An electric drive system includes a permanent magnet machine (70) having a rotor (116) and a stator (118) and a power converter (62) electrically coupled to the permanent magnet machine (70) and configured to convert a DC link voltage to an AC output voltage to drive the permanent magnet machine (70). The power converter (62) includes a plurality of silicon carbide switching devices (74-84) having a voltage rating that exceeds a peak line-to-line back electromotive force of the permanent magnet machine (70) at a maximum speed of the permanent magnet machine (70).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3369/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS AND APPARATUS FOR POINT-AND-CLICK MESSAGING

(51) International classification

:B23B

(31) Priority Document No

:12/953,717

(32) Priority Date

:24/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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1)HONEYWELL INTERNATIONAL INC.,

Address of Applicant :101 COLUMBIA ROAD, P.O. BOX
2245, MORRISTOWN, NEW JERSEY 07962-2245, UNITED
STATES OF AMERICA

(72)Name of Inventor :

1)SUBRAHMANYAM RAJU V. LAKKAMRAJU

2)KESHAV KURUVA

3)KUMARAN NEHRU

(57) Abstract :

Methods and systems are provided for communicating with elements of a complex system displayed on a web page comprising a electronic map and a plurality of icons disposed on the electronic map, each of the plurality of icons representing an element of the complex system and being situated on the electronic map so as to indicate each element's actual geographic location, each icon being associated with a messaging address. The method comprises invoking and receiving the web page and receiving an icon selection indication from a user via a human machine interface (HMI) device. The method includes generating a messaging dialog box based at least in part on the icon selection indication and one or more messaging addresses indicated thereby, receiving message content from the user; and transferring the message content to a data uplink for delivery to the messaging address.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3370/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NATURAL, SAFE AND EFFECTIVE MEDICINE FOR TREATMENT OF HIV AND AIDS

(51) International classification

:A61B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

Natural, safe and effective medicine for treatment of HIV and AIDS, comprising combination of Brahmi, Haritaki, Gojivha, Arjuna Chhal, Tulsi and Aloe Vera, blend of minerals which may be selected from Moti Bhasam, Silver Bhasam, Sangejarhat Bhasam, Gold Bhasam, Parwal Bhasam and Zinc or any combination thereof with known anti-oxidants and herbs which is combined and optimized to give body the required essential nutrients, helps to fight diseases and prevent opportunistic infections

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

(71)Name of Applicant :

1)RAVI NANDAN GOEL

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LUDHIANA - 141 003 PUNJAB INDIA

(72)Name of Inventor :

1)RAVI NANDAN GOEL

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/05/2011

(21) Application No.3441/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF ARYLAMINE COMPOUNDS

(51) International classification	:C07C 209/10
(31) Priority Document No	:61/198,852
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/061453
Filing Date	:21/10/2009
(87) International Publication No	:WO 2010/053696
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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HOUSTON, TX 77056, U.S.A.

(72)**Name of Inventor :**

1)ADAM M.JOHNS

(57) Abstract :

A process for the preparation of N-arylamine compounds, the process including: reacting a compound having an amino group with an arylating compound in the presence of a base and a transition metal catalyst under reaction conditions effective to form an N- arylamine compound; wherein the transition metal catalyst comprises a complex of a Group 8-10 metal and at least one chelating ligand comprising (R)-(-)-l-[S)-2-dicyclohexylphosphino]-ferrocenyl] ethyldi-t-butylphosphine.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3606/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CATHETER WITH SINGLE AXIAL SENSORS

(51) International classification	:H02K	(71) Name of Applicant :
(31) Priority Document No	:12/982,765	1)BIOSENSE WEBSTER, INC.
(32) Priority Date	:30/12/2010	Address of Applicant :3333 DIAMOND CANYON ROAD, DIAMOND BAR, CA 91765, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)MARIBETH ESGUERRA
Filing Date	:NA	2)JENNIFER MAFFRE
(87) International Publication No	:NA	3)THANH NGUYEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A catheter is provided with improved position and/or location sensing with the use of single axis sensors that are mounted directly along a length or portion of the catheter whose position/location is of interest. The magnetic based, single axis sensors are provided on a single axis sensor (SAS) assembly, which can be linear or nonlinear as needed. A catheter of the present invention thus includes a catheter body and a distal member of a particular 2D or 3D configuration that is provided by a support member on which at least one, if not at least three single axis sensors, are mounted serially along a length of the support member. In one embodiment, the magnetic-based sensor assembly including at least one coil member that is wrapped on the support member, wherein the coil member is connected via a joint region to a respective cable member adapted to transmit a signal providing location information from the coil member to a mapping and localization system. The joint region advantageously provides strain relief adaptations to the at least one coil member and the respective cable member from detaching.

No. of Pages : 71 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3351/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FUEL CELL DEVICE AND METHOD FOR FEEDING ELECTRICAL CURRENT TO ELECTRICAL NETWORK

(51) International classification	:H02J 3/38	(71) Name of Applicant :
(31) Priority Document No	:20086181	1)WARTSILA FINLAND OY
(32) Priority Date	:09/12/2008	Address of Applicant :TARHAAJANTIE 2, FI-65380, VAASA, FINLAND
(33) Name of priority country	:Finland	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/FI2009/050968 :01/12/2009	1)ASTROM, KIM
(87) International Publication No	:WO 2010/066945	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The focus of the invention is a method for producing electrical current by a fuel cell device, which inputs electrical current to electrical network (125). In the method at least one fuel cell device (123) is arranged to be parallel connected to electrical network (125), is formed a phase reference signal to be utilized in the inputting of the electrical current, electrical current is inputted to electrical network current controlled by means of a power transformer (122) comprising a power stage (122), when the fuel cell device has been parallel connected to electrical network, the fuel cell device is switched off from electrical network when a malfunction occurs in electrical network. In the method the fuel cell device is changed by using the phase reference signal to switched off operation mode from electrical network for performing voltage controlled operation of the power transformer (122), and a controllable load (126) is used for maintaining a power stability between the voltage controlled power transformer (122) and other parts of the fuel cell device, and, when the malfunction has vanished from electrical network, the fuel cell device is changed by using the phase reference signal to switched on operation mode to electrical network for performing current controlled operation of the power transformer (122) system.

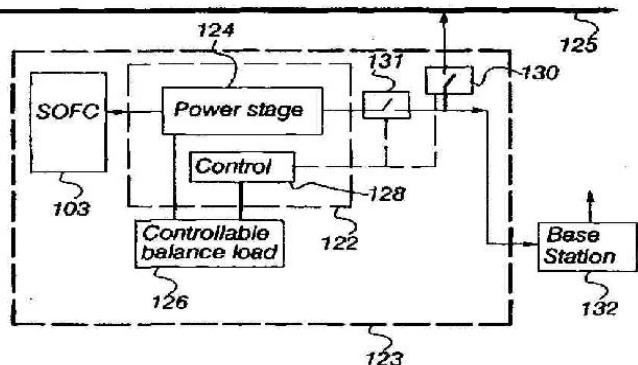


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3352/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COHERENT AUGMENTED OPTICAL ADD-DROP MULTIPLEXER

(51) International classification	:H04J 14/02
(31) Priority Document No	:61/106,264
(32) Priority Date	:17/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001455
Filing Date	:15/10/2009
(87) International Publication No	:WO 2010/043035
(61) Patent of Addition 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)BOERTJES, DAVID

2)ROBERTS, KIM B

3)O'SULLIVAN, MAURICE

4)BORDOGNA, GIUSEPPE

(57) Abstract :

In an Optical Add-Drop Multiplexer, a drop section comprises a Wavelength Selective Switch (WSS) having at least one drop-port, the WSS being operative to couple a respective set of w (where w>1) wavelength channels from a received Wavelength Division Multiplexed (WDM) signal to each drop port. A respective 1 : s power splitter is associated with each drop port. Each power splitter supplies the respective set of channels received from its drop port to each one of a corresponding set of coherent receivers. Each coherent receiver operates to receive a selected one of the respective set of channels.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3354/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AZEPINONE DERIVATIVES

(51) International classification	:C07K 5/00
(31) Priority Document No	:2008-291914
(32) Priority Date	:14/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/US2009/062006
Filing Date	:26/10/2009
(87) International Publication No	:WO 2010/056496
(61) Patent of Addition 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)MSD K.K.

(72)Name of Inventor :

1)OKAMOTO, OSAMU

2)SASAKI, YASUHIRO

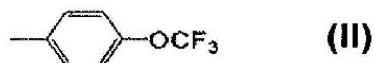
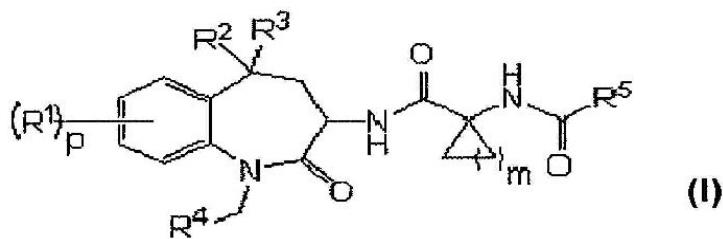
3)WATANABE, HITOMI

4)JONA, HIDEKI

5)DYKSTRA, KEVIN, D.

(57) Abstract :

The present invention relates to a compound represented by formula (I): wherein R1 represents a hydrogen atom or the like; R2 and R3 represent a hydrogen atom or the like; R4 is a group represented by (II) R5 represents a phenyl group which may be substituted with a halogen or the like; m is an integer of from 1 to 3; and p is an integer of from 0 to 4; or a pharmaceutically acceptable salt thereof



No. of Pages : 63 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.3668/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICE FOR A WINCH-OPERATED WAVE-POWER PLANT

(51) International classification	:F03B 13/18
(31) Priority Document No	:20084377
(32) Priority Date	:17/10/2008
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2009/000356
Filing Date	:12/10/2009
(87) International Publication No	:WO 2010/044675
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)STRAUMEKRAFT AS

Address of Applicant :SOLLIA 42,N-5200 OS, NORWAY

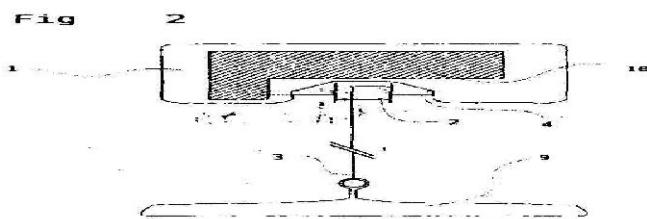
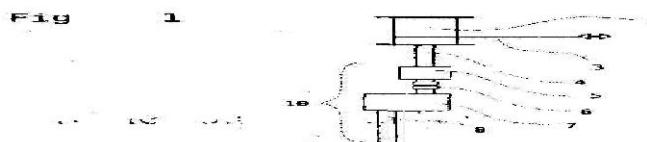
(72)Name of Inventor :

1)STRAUME, INGVALD

2)STRAUME, SIVERT

(57) Abstract :

The invention relates to a wave-power plant where a floating buoy (1) arranges for energy absorption from the waves. The buoy is anchored by wire (3), which is reeled in on a self-tightening winch (2). When the wave motion lifts the buoy, the winch cable drum is forced to rotate outwards. This rotating power motion is directed into a mechanical energy absorption- and conversion system (10) where the energy is converted by mechanic means and transferred to a rotating outgoing axle (8), from where it can be further converted into other useful forms of energy, e.g. electricity. The invention comprises a slip clutch (6) between the winch axle (4) and the outgoing axle (8), which protects the power plant and the components in it against extreme, loading during incidents of violent waves. The slip clutch sets a threshold for how much load the power plant can absorb from the waves. In one embodiment, this is achieved by having the slip clutch governed by an electronic computer, which, based on measuring essential parameters such as force on the winch wire (3), torque and speed of the winch or the winch axle, sets a threshold for how great a maximum load the power plant can exposed to caused by the waves. If the amount of energy per time unit, speed or force that can be directed into the system from a given wave is greater than the threshold value(s) determined by the slip clutch, the slip clutch slips so that the wire is pulled out without offering increased resistance, and the buoy simply drifts with the wave until the wave has passed. This design feature will contribute to lowering the building-and maintenance costs of the system, and help it survive in extreme waves.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2011

(21) Application No.2978/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTIHETEROARYL COMPOUNDS AS INHIBITORS OF H-PGDS AND THEIR USE FOR TREATING PROSTAGLANDIN D2 MEDIATED DISEASES

(51) International classification	:C07D 403/14
(31) Priority Document No	:61/98,942
(32) Priority Date	:22/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057813
Filing Date	:22/09/2009
(87) International Publication No	:WO 2010/033977
(61) Patent of Addition 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)LEE , PIL, HEUI
3)OLSON, KIRK, LANG
4)KRAMER, JAMES, BERNARD
5)CISKE, FRED, LAWRENCE
6)BARRETT, STEPHEN, DOUGLAS

(57) Abstract :

Multiheteroaryl compounds, their preparation, pharmaceutical compositions comprising these compounds, and their pharmaceutical use in the prevention and treatment of prostaglandin D2 mediated diseases and conditions that may be modulated by the inhibition of hematopoietic prostaglandin D synthase (H-PGDS).

No. of Pages : 209 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2979/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : THE MANUALLY OPERATED REVERSE OSMOSIS FILTER, BY USING A FOOT AIR PUMP FOR GENERATING AIR PRESSURE OVER WATER

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMIT MANDAL
(32) Priority Date	:NA	Address of Applicant :10/397, MALVIYA NAGAR, JAIPUR, RAJASTHAN PIN-302017, M-99 MAHESH COLONY, TONK PHATAK, JAIPUR, PIN-302015 Rajasthan India
(33) Name of priority country	:NA	2)HARIOM MEENA
(86) International Application No	:NA	3)GAURAV SHARMA
Filing Date	:NA	4)GAURAV KUMAWAT
(87) International Publication No	:NA	5)ADITYA PRASHAR
(61) Patent of Addition to Application Number	:NA	6)HARDEEP SAIN
Filing Date	:NA	7)DHEERENDRA FOGAWAT
(62) Divisional to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMIT MANDAL
		2)HARIOM MEENA
		3)GAURAV SHARMA
		4)GAURAV KUMAWAT
		5)ADITYA PRASHAR
		6)HARDEEP SAIN
		7)DHEERENDRA FOGAWAT

(57) Abstract :

This invention relates to a device which is filtering the water by the help of reverse osmosis process. The salient feature of the device is, to generate pressure over water it uses a foot operated air pump which supplies pressurized air over water. This develops the sufficient pressure to force the water through the membrane and the water is thus cleared. This device is helpful in filtering the water in case there is no electricity provision for example in remote areas. Sufficient amount of water can be filtered by less effort for potable purpose.

No. of Pages : 4 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.3043/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR TREATMENT OF RHEUMATOID ARTHRITIS, TREMORS/PARKINSON'S DISEASE, MULTIPLE SCLEROSIS AND NON-VIRAL BASED CANCERS

(51) International classification	:A61K 39/00
(31) Priority Document No	:PCT/US2008/011233
(32) Priority Date	:26/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/011775
Filing Date	:14/10/2008
(87) International Publication No	:WO 2010/036230
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SALUBRIOUS PHARMACEUTICALS LLC

Address of Applicant :633 WEST FIFTH STREET, SUITE 5400, LOS ANGELES, CA 90071, U.S.A.

(72)**Name of Inventor :**

1)GEORGE NELSON

(57) Abstract :

The present invention provides a composition and method for treating diseases associated with demyelination of the nerves,such as RA,Tretnors/Parkinson's Disease, and Ms, and for treating non-viral based cancers. By administering men-sured doeses of an immunity-provoking agent and a bacterial antigen activator,patients suffering from RA ,MS,Tremors/Parkin-son's Disease, and prostate cancer realized immediate beneficial results with no side effects.

No. of Pages : 19 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3356/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HIGH FLUX HIGH EFFICIENCY NANOFIBER MEMBRANES AND METHODS OF PRODUCTION THEREOF

(51) International classification	:B01D 71/12
(31) Priority Document No	:61/103,479
(32) Priority Date	:07/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/059884 :07/10/2009
(87) International Publication No	:WO 2010/042647
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)Name of Inventor :

- 1)CHU, BENJAMIN**
- 2)HSIAO, BENJAMIN, S.**
- 3)MA, HONGYANG**

(57) Abstract :

A membrane is provided including a coating layer having cellulose nanofibers produced from oxidized cellulose microfibers and an electrospun substrate upon which the coating layer is applied. The nanofibers of the electrospun substrate have a diameter greater than that of the cellulose nanofibers. The membrane also has non-woven support upon which the electrospun substrate is disposed. Microfibers of the non-woven support have a diameter greater than that of the nanofibers of the electrospun substrate. Application of electrospun membrane is in microfiltration area, while the cellulose nanofiber membrane serves in ultrafiltration, nanofiltration, and reverse osmosis after chemical modification.

No. of Pages : 98 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2011

(21) Application No.3598/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SUBSTITUTED (PYRIDYL)-AZINYLAMINE DERIVATIVES AS PLANT PROTECTION AGENTS

(51) International classification	:C07D 401/04
(31) Priority Document No	:NA
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/EP2009/065088
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/055114
(61) Patent of Addition 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)CHRISTIAN BEIER

2)JURGEN BENTING

3)PIERRE-YVES COQUERON

4)RALF DUNKEL

5)JORG GREUL

6)MARIE-CLAIRES GROSJEAN-COURNOYER

7)HADANO HIROYUKI

8)PHILIPPE RINOLFI

9)JEAN-PIERRE VORS

(57) Abstract :

The present invention relates (pyridyl)-azinylamino derivatives of Formula (I), wherein O and p Ra Y, Z, L2 and Q2 represent various substituents, their process of preparation, preparation intermediate compounds, then use as fungicide active agents, particularly in the form of fungicide compositions, and methods for the control of phytopathogenic fungi, notably of plants, using these compounds or compositions.

No. of Pages : 81 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3681/DELNP/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:B01L 3/00
(31) Priority Document No	:0806169
(32) Priority Date	:05/11/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/052133
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/052429
(61) Patent of Addition 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)TOM BEUMER

2)FREDERIC FOUCAULT

3)EMILIANO MAIONE

4)AGNES RUBENS

(57) Abstract :

Device (2) for preparing and/or treating a biological sample comprising a set of storage chambers (5) and/or reaction chambers intended to receive a fluid, said chambers (5) being separated by walls (6) so as to constitute a set of adjacent chambers. The device comprises a base (4) and a drawer (3) comprising the set of adjacent chambers, said drawer (3) being movable relative to the base (4), with drawer (3) comprising a contact surface (7) onto which first means for establishing fluid communication (8) open, connected to the volume of at least one chamber (5), the contact surface (7) of the drawer being intended to be positioned opposite a contact surface (12) of the base comprising at least one position at which second fluid communication means (13) are arranged, connected to detection means (17).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.3081/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITION FOR PREVENTING OR TREATING AIDS COMPRISING PLANT STEM CELL LINE DERIVED FROM CAMBIUM OF PANAX GINSENG INCLUDING WILD GINSENG OR GINSENG AS ACTIVE INGREDIENT

(51) International classification	:A61K 36/258
(31) Priority Document No	:10-2008-0095877
(32) Priority Date	:30/09/2008
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/005618
Filing Date	:30/09/2009
(87) International Publication No	:WO 2010/038991
(61) Patent of Addition 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 :452-32, JANG-DONG, DEOKJIN-GU,
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(72)Name of Inventor :

1)HONG, SUN MI

2)LEE, EUN KYONG

3)JIN, YOUNG WOO

(57) Abstract :

The present invention relates to a composition for preventing or treating acquired immunodeficiency syndrome (AIDS), comprising one or more of the following: a homogenous cell line, and a lysate, an extract and a culture thereof as an active ingredient. The homogenous cell line, the lysate, the extract and the culture thereof, which are derived from a natural product, minimize adverse side effects of prior therapeutic agents and safe for the human body. Further, they effectively increase the count of T cells such as CD4+ T cells and decrease the number of HIVs, thereby preventing opportunistic infection, dysneuria, and neoplaia caused by immune incompetence, and ultimately the risk of death. Therefore, they are useful in preventing and treating AIDS, and relieving symptoms of AIDS.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2011

(21) Application No.3418/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : GABA CONJUGATES AND METHODS OF USE THEREOF

(51) International classification	:B64H
(31) Priority Document No	:61/103,800
(32) Priority Date	:08/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/060058
Filing Date	:08/10/2009
(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)KYPHIA PHARMACEUTICALS INC.

Address of Applicant :2625 Middlefield Road #258 Palo Alto California U.S.A.

(72)Name of Inventor :

1)XU Feng

(57) Abstract :

In one aspect, the present invention provides a composition of a covalent conjugate of a GABA analog with a drug. In another aspect, the present invention provides methods for treating pain and neurological disorders using the conjugates of GABA analogs.

No. of Pages : 75 No. of Claims : 93

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.3419/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SHOCK ABSORBING MECHANISM WITH FEET PROTECTION FOR VEHICLE AND AIRCRAFT SEATS

(51) International classification	:F16F 1/06
(31) Priority Document No	:61/103,251
(32) Priority Date	:07/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2009/000220
Filing Date	:26/02/2009
(87) International Publication No	:WO 2010/041235
(61) Patent of Addition 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)ANAN HASSAN

4)DAVID ENGEL

(72)Name of Inventor :

1)SHY MINDEL

2)MOSHE JACOB BAUM

3)ANAN HASSAN

4)DAVID ENGEL

(57) Abstract :

The present invention discloses a method and apparatus for minimizing accelerations during impacts such as those encountered in motor vehicle accidents, helicopter and airplane crashes, explosions, and the like. The preferred embodiment takes the form of a helical spring-like member, designed to experience plastic deformation over a desired deformation length, under a given impact load threshold. The spring-like member is preferably installed in a mechanical linkage that is flattened under impact, straining the spring-like member in a predictable fashion. The operating characteristics of this system [namely the stress-strain curve, and thus the deformation length, impact load threshold, and acceptable load range for the system to be protected] can be easily controlled by varying the device dimensions and installation configuration.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3675/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROLONGED RELEASE FORMULATIONS COMPRISING AN 2-OXO-1- PYRROLIDINE DERIVATIVE

(51) International classification	:A61K 9/50
(31) Priority Document No	:08105817.4
(32) Priority Date	:18/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/06271
Filing Date	:17/11/2009
(87) International Publication No	:WIO 2010/057870
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)UCB PHARMA S.A

Address of Applicant :60 ALLEE DE LA RECHERCHE, B-1070 BRUSSELS, BELGIUM

(72)**Name of Inventor :**

1)DOMENICO FANARA

2)FREDERIC EECKMAN

3)MONIQUE BERWAER

(57) Abstract :

The present invention relates to a pharmaceutical composition comprising Levveliracetam, Brivaracetam or Sele-tracetam as active ingredient, the invention relates specifically to a prolonged release formulation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3676/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMBINED ELECTRIC DEVICE FOR POWERING AND CHARGING

(51) International classification	:B60L 11/18
(31) Priority Document No	:0806455
(32) Priority Date	:18/11/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2009/065334
Filing Date	:17/11/2009
(87) International Publication No	:WO 2010/057892
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VALEO SYSTEMES DE CONTROLE MOTEUR

Address of Applicant :14, AVENUE DES BEGUINES, B.P.
68532, F-95892 CERGY PONTOISE, FRANCE

(72)Name of Inventor :

1)LUIS DE SOUSA

2)BORIS BOUCHEZ

(57) Abstract :

A combined electric device for powering and charging, comprising an alternating-current motor (6), an inverter (2) and accumulation means (5), the device comprising switching means (4) making it possible either to allow the powering of the motor or to allow the charging of the accumulation means (5) by the inverter (2), said electric device being characterized in that the switching means (4) are incorporated into the inverter (2) and comprise at least one H-bridge structure (3, 3', 3'') for each phase of the motor (6).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3677/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND ELECTRIC COMBINED DEVICE FOR POWERING AND CHARGING WITH COMPENSATION MEANS

(51) International classification	:B60L 11/18	(71) Name of Applicant :
(31) Priority Document No	:08/06456	1)VALEO SYSTEMES DE CONTROLE MOTEUR
(32) Priority Date	:18/11/2008	Address of Applicant :14, AVENUE DES BEGUINES, B.P. 68532, F-95892 CERGY PONTOISE, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/065335	1)LUIS DE SOUSA
Filing Date	:17/11/2009	2)BORIS BOUCHEZ
(87) International Publication No	:WO 2010/057893	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A combined power supply and charging method including a control step making it possible to switch from a motor (6) power supply mode to an energy storage means (5) charging mode on an electrical network and vice versa, characterized in that it includes a step for compensating for the magnetic fields during the energy storage means charging step, making it possible to limit or eliminate the movements of the rotor of the motor (6).

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2011

(21) Application No.3175/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STEAM IRONING MACHINE

(51) International classification	:D06F 71/34
(31) Priority Document No	:10 2008 051 852.2
(32) Priority Date	:17/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/007231
Filing Date	:08/10/2009
(87) International Publication No	:WO 2010/043339
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BRISAY-MASCHINEN GMBH

Address of Applicant :MITTELWEG 4,63762
GROSSOSTHEIM-RINGHEIM, GERMANY

(72)Name of Inventor :

1)ERBACHER, REINHOLD

(57) Abstract :

The invention relates to a steam ironing machine, in particular for textile ironing material, comprising a steam supply port (22), at least one first ironing shaping body (14) capable of emitting steam to the ironing material, and a plurality of components (30, 32, 38, 40) guiding steam from the steam supply port (22) to the ironing shaping body (14), characterized in that an insulation chamber (36) is provided in which several of the steam-carrying components (30, 32, 38, 40) are arranged.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3336/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CARRIER SOLVENT COMPOSITIONS, COATINGS COMPOSITIONS, AND METHODS TO PRODUCE THICK POLYMER COATINGS

(51) International classification	:G03F 7/004	(71) Name of Applicant : 1)EASTMAN CHEMICAL COMPANY Address of Applicant :200 SOUTH WILCOX DRIVE, KINGSPORT, TENNESSEE 37660, U.S.A.
(31) Priority Document No	:12/336,593	
(32) Priority Date	:17/12/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US09/006372 :03/12/2009	(72) Name of Inventor : 1)MICHAEL WAYNE QUILLEN 2)LOADY PALMER HOL BROOK, JR. 3)STEPHANIE ANN ROANE 4)DALE EDWARD O'DELL 5)JOHN CLEAON MOORE
(87) International Publication No	:WO 2010/077269	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Compositions and methods useful for the coating of polymeric materials onto substrates, for example, electronic device substrates such as semiconductor wafers, are provided. These compositions and methods are particularly suitable manipulating thickness of a polymeric coating in a single coating event. Such methods to control photoresist thickness are used to facilitate the layering of electronic circuitry in a three-dimensional fashion. Furthermore, the compositions of the present invention may be effectively used to deposit thick films of polymeric material in a uniform manner onto inorganic substrates which provides a significant benefit over conventional systems.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3337/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : EXPLOSIVE CHARGING

(51) International classification	:F42D 1/10
(31) Priority Document No	:2008905746
(32) Priority Date	:06/11/2008
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2009/001442
Filing Date	:06/11/2009
(87) International Publication No	:WO 2010/051588
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DYNO NOBEL ASIA PACIFIC LIMITED.

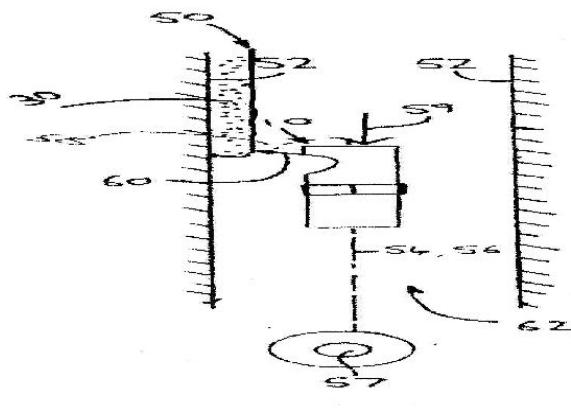
Address of Applicant :LEVEL 20, AGL CENTRE, 111 PACIFIC HIGHWAY, NORTH SYDNEY, NEW SOUTH WALES 2059, AUSTRALIA

(72)Name of Inventor :

1)RAUF OSTERMAN

(57) Abstract :

A method of charging explosives in a substantially vertical blast borehole, with a loading density reduced in relation to that corresponding to the complete fill up of the borehole diameter. The method includes the step of introducing a charging hose in fluid connection with a nozzle into an end opening of the vertical blast borehole. The charging hose and nozzle are then moved along the blast borehole along a travel direction at a controlled rate. As the nozzle is being moved, an explosive emulsion is forced though the nozzle at a controlled pumping rate such that the emulsion is sprayed by the nozzle laterally relative to the travel direction, in an arc formation extending around an axis of the nozzle, which axis is parallel to the travel direction, and onto an inner wall of the blast hole. The pumping rate and the controlled moving rate are adjusted so as to form a coherent string of the explosive emulsion exiting from the nozzle, whereby the string only partially fills up the blast borehole diameter. Figure to Accompany Abstract : FIG 2



No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.3414/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ORAL CARE COMPOSITIONS WITH IMPROVED AESTHETICS AND FUSED SILICA

(51) International classification	:A61K 8/25
(31) Priority Document No	:61/117,856
(32) Priority Date	:25/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065684
Filing Date	:24/11/2009
(87) International Publication No	:WO 2010/068428
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, OH 45202, U.S.A.

(72)**Name of Inventor :**

1)HUGHES, IAIN, ALLAN

2)HAUGHT, JOHN, CHRISTIAN

3)COLON, ELLEN, LOUISE

4)BAIG, ARIF, ALI

5)DECKNER, GEORGE, ENDEL

(57) Abstract :

An oral care composition comprising fused silica and a flavoring agent.

No. of Pages : 81 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3688/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CROSSED STRUCTURE MAGNETIC SEPARATOR WITH TETRAPOLAR ROTARY MAGNETIC CIRCUIT AND ANNULAR ROTORS

(51) International classification	:B03C 1/08	(71) Name of Applicant :
(31) Priority Document No	:PI 0805659-5	1)ALLMINERAL AUFBEREITUNGSTECHNIK GMBH & CO. KG
(32) Priority Date	:17/11/2008	Address of Applicant :BAUMSTRASSE 45. 47198 DUISBURG, Germany
(33) Name of priority country	:Brazil	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/008159	1)JOSE PANCRACIO RIBEIRO
Filing Date	:16/11/2009	2)MARCIO AUGUSTO TEIXEIRA RIBEIRO
(87) International Publication No	:WO 2010/054847	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Magnetic separator having at least one horizontal row of highly magnetically permeable material arranged within an external housing and having at least a pair of electromagnets consisting of a magnet yoke around the arm of which a coil is arranged, the electromagnets having alternate north and south polarities, whereas around the periphery of the rotor a series of boxes containing plates are mounted and a feed device for the raw material to be separated is arranged before each electromagnet in the rotating direction of the rotor and a collecting device for the magnetic particles as separated is arranged behind each electromagnet in the rotating direction of the rotor outside the magnetic force lines running from the north pole towards the south pole as formed by the electromagnets, characterized in that at least four electromagnets (30) with alternate north and south polarities are arranged in the periphery of the rotor (4) in a cross like, structure such that the magnetic force lines (3) run from the two north pole electromagnets (30) located opposite to each other to the two south pole electromagnets (30) located in between in a tangential course of the rotor (4).

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.3421/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : UREA-BASED FILM-FORMING SOLUTION FOR TREATING NAIL PSORIASIS

(51) International classification	:A61K 31/155
(31) Priority Document No	:0857146
(32) Priority Date	:21/10/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2009/063771
Filing Date	:21/10/2009
(87) International Publication No	:WO 2010/046375
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PIERRE FABRE DERMOCOSMETIQUE

Address of Applicant :45, PLACE ABEL GANCE, F-92100
BOULOGNE-BILLANCOURT, FRANCE

(72)Name of Inventor :

1)CHESNOY, SOPHIE

2)DELAUNOIS, MARLINE

3)COUBETERGUES, Hélène

4)LEFRANCOIS, PASCAL

(57) Abstract :

The invention relates to a film-forming solution comprising: -10 to 20 % of urea, - 5 to 15 % of film- forming polymer, 45 to 65 % of a polar solvent, 1 to 20 % of a co-solvent, 0.01 to 5% of a plasticizer selected from the list consisting of diethyl phthalate, triethyl citrate, dibutyl sebacate, diethyl sebacate, dibutyl phthalate, acetyltriethyl citrate, and polyethylene glycols, and - water up to 100% intended for treating ungual fungic infections and nail psoriasis.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.3423/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LEADFRAME FOR ELECTRONIC COMPONENTS

(51) International classification	:H01L 23/495
(31) Priority Document No	:10 2008 051 491.8
(32) Priority Date	:13/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/063247
Filing Date	:12/10/2009
(87) International Publication No	:WO 2010/043580
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TYCO ELECTRONICS AMP GmbH

Address of Applicant :AMPERESTRASSE 12-14, D-64625
BENSHEIM, GERMANY

(72)Name of Inventor :

1)GOESELE, PETER

2)SEGER, FRIEDRICH

3)SINDER, JOSEF

4)STIFTER, JOACHIM

5)WERNER, OLIVER

(57) Abstract :

The present invention specifies a leadframe for electronic components and a corresponding manufacturing process, in which the bonding islands are formed by welding individual, prefabricated segments of a bonding-capable material onto a stamped leadframe.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.3424/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONNECTING DEVICE FOR CONNECTING AN ELECTRICAL CONDUCTOR TO A SOLAR MODULE AND METHOD FOR PRODUCTION THEREOF, TOGETHER WITH A SOLAR MODULE WITH SUCH A CONNECTING DEVICE

(51) International classification	:H01L 31/048
(31) Priority Document No	:10 2008 052 348.8
(32) Priority Date	:20/10/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/063362 :13/10/2009
(87) International Publication No	:WO 2010/046282
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TYCO ELECTRONICS AMP GmbH

Address of Applicant :AMPERESTRASSE 12-14, D-64625
BENSHEIM, GERMANY

(72)Name of Inventor :

1)FELDMEIER, GUENTER

2)GEISTER, NORBERT

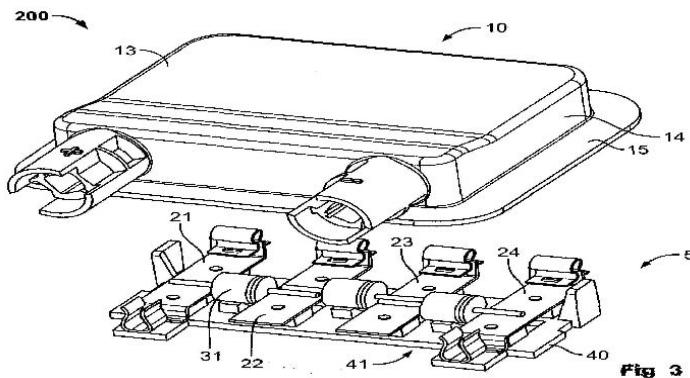
3)SCHAARSCHMIDT, MANFRED

4)SCHERER, HEINZ PETER

5)WOEBER, ANDREAS

(57) Abstract :

A connecting device (200, 300, 400) for a photovoltaic solar module (100) comprises a plurality of individually assembled busbars (21-24) arranged next to one another, comprising at least a first busbar (21) with a first contact zone (51) for connection to an external electrical conductor (2) and a second contact zone (52) for connection to the electrical connection system (3) of the solar module (100), and a second busbar (22) with a contact zone (52) for connection to the electrical connection system (3) of the solar module (100). At least one support element (40, 70) is provided, to which the busbars (21-24) are attached, and which comprises a bottom face (41, 71) by way of which the support element may be arranged on the solar module (100) by being placed onto the solar module. An overhousing (10, 60) arrangeable separately from the support element is arranged over the support element (40, 70) and the busbars (21-24) and comprises at least one edge (15, 65) surrounding the support element and the busbars, which is sealingly connected to the solar module. Furthermore, the first and second busbars are connected together via a diode component (31) located on the support element. At least one contact (54) is provided, which is configured in a first zone for connection with the first contact zone (51) of the first busbar (21) and which is configured in a second zone for connection with the external electrical conductor (2). Fig. 3



No. of Pages : 33 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3703/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING A LASER PROCESSING OPERATION TO BE PERFORMED ON A WORKPIECE AND LASER PROCESSING HEAD HAVING SUCH A DEVICE

(51) International classification	:B23K 26/03
(31) Priority Document No	:10 2008 058 422.3
(32) Priority Date	:21/11/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/008293
Filing Date	:20/11/2009
(87) International Publication No	:WO 2010/057661
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PRECITEC KG

Address of Applicant :DRAISSTRASSE 1, 76571
GAGGENAU-BAD ROTENFELS, Germany

2)PRECITEC ITM GMBH

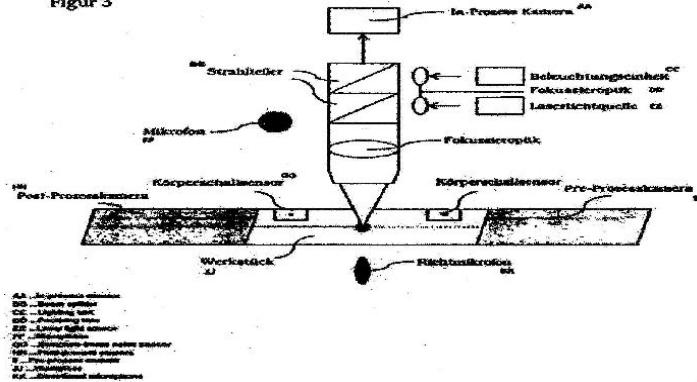
(72)Name of Inventor :

1)STORK, GENANNT, WERSBORG, INGO

(57) Abstract :

The invention relates to a method for monitoring a laser machining operation to be performed on a workpiece, comprising the following steps: detecting at least two current measured values by at least one sensor, which monitors the laser machining operation, determining at least two current characteristic values from the at least two current measured values, wherein the at least two current characteristic values jointly represent a current fingerprint in a characteristic value space, providing a predetermined point set in a characteristic value space, and classifying the laser machining operation by detecting the position of the current fingerprint relative to the predetermined point set in the characteristic value space.

Figur 3



No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR EXTRACTING CARDIAC GLYCOSIDES AND COMPOSITIONS

(51) International classification	:A61K 36/24
(31) Priority Document No	:61/105,133
(32) Priority Date	:14/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/060523
Filing Date	:13/10/2009
(87) International Publication No	:WO 2010/045243
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NERIUM BIOTECHNOLOGY, INC.

Address of Applicant :11467 HUEBNER ROAD, SUITE 175,
SAN ANTONIO, TX 78230, U.S.A.

(72)Name of Inventor :

1)SMOTHERS, DONALD

(57) Abstract :

The present invention pertains to methods of extracting cardiac glycosides from cardiac glycoside containing plant material, such as Nerium oleander, through use of aloe. It further provides for compositions resulting from such extractions, pharmaceutical compositions, cosmetic compositions, and methods of treating skin conditions.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3695/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WORKING EQUIPMENT

(51) International classification	:B23K 37/04
(31) Priority Document No	:2008-296750
(32) Priority Date	:20/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/066623
Filing Date	:25/09/2009
(87) International Publication No	:WO 2010/058652
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IHI CORPORATION

Address of Applicant :1-1, TOYOSU 3-CHOME, KOTO-KU TOKYO 135-8710, Japan

(72)Name of Inventor :

1)JUN MAENO

(57) Abstract :

In working equipment comprising a table (8), a positioning station (2) for fixing a workpiece on the table, and a working station (4) for performing a working process on the workpiece, the table (8) includes a stopper (16) for the workpiece to contact, a pressing member (20, 24) for pressing and thereby bringing the workpiece into contact with the stopper, and a fixing device (22, 26) for fixing the workpiece to the table, and the positioning station (2) includes a pressing actuator (48, 50) for moving the pressing member.

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2011

(21) Application No.3697/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITION COMPRISING LACTOBACILLUS AND A CARRIER

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Lonza Ltd
(32) Priority Date	:NA	Address of Applicant :Lonzastrasse 3930 Visp (CH)
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ROBINS Karen
(87) 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 :

Subject of the invention is a food composition comprising Lactobacillus which is capable of aggregating Helicobacter pylori under physiological conditions and a carrier wherein the carrier comprises milk serum and wherein the carrier is a product of a fermentation process. Subject of the invention are also methods for producing such food compositions and uses thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3697/DELNP/2011 A

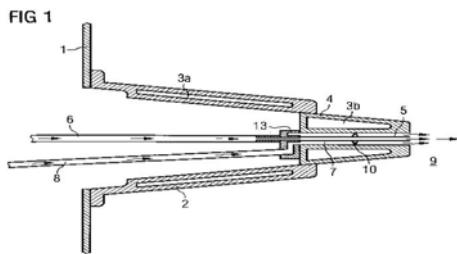
(43) Publication Date : 27/09/2013

(54) Title of the invention : NOZZLE FOR INJECTING GAS CONTAINING OXYGEN INTO A PIG IRON DEVICE HAVING AN INJECTOR INSERT PIPE

(51) International classification	:C21B 7/16	(71) Name of Applicant :
(31) Priority Document No	:A1863/2008	1) SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant : TURMSTRASSE 44, 4031 LINZ, AUSTRIA
(32) Priority Date	:28/11/2008	2) SIEMENS AKTIENGESELLSCHAFT
(33) Name of priority country	:Austria	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/EP09/064685 :05/11/2009	1) GEORG AICHINGER 2) FRANZ BERNER 3) STEFAN LECHNER 4) MARINKO LEKIC-NINIC 5) JAN-FRIEDEMANN PLAUL 6) JOHANNES LEOPOLD SCHENK 7) MARTIN SCHMIDT 8) THOMAS SONTGEN 9) BOGDAN VULETIC 10) KURT WIEDER 11) JOHANN WURM
(87) International Publication No	:WO 2010/060770	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a nozzle (4) for injecting oxygen-containing gas into a pig iron production unit, wherein an injector insert pipe (5) produced from refractory material is arranged in the gas channel of the nozzle, wherein an interspace (7) which surrounds the injector insert pipe is present over the entire length of the injector insert pipe (5) between the wall of the gas channel and the outer wall of the injector insert pipe (5). The injector insert pipe (5) extends at least as far as the end face (11) of the nozzle which contains the mouth of the gas channel. The space surrounded by the injector insert pipe (5) is connected to a feed line for oxygen-containing gas (6), and the interspace (7) between the wall of the gas channel and the outer wall of the injector insert pipe (5) is connected to a supply line for protective gas (8) or to a supply line for oxygen-containing gas. The invention also relates to the injector insert pipe (5) and to a process for injecting oxygen-containing gas from a nozzle (4) according to the invention, wherein oxygen-containing gas is fed into a space which is surrounded by the inner wall of the injector insert pipe, and the oxygen-containing gas, after it has flowed through the injector insert pipe, enters the pig iron production unit at an oxygen gas entry velocity, and an interspace (7) which is present between the outer wall of the injector insert pipe and the wall of the gas channel is simultaneously flowed through by a gas which, after it has flowed through the interspace (7), exits into the pig iron production unit at a gas exit velocity, wherein the oxygen gas entry velocity is greater than the gas exit velocity. (Figure 1)



No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2011

(21) Application No.3698/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : Wind Turbine Aerodynamic Assembly For Use In A Wind Turbine And Method For Assembling Thereof

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:12/972649	1)General Electric Company
(32) Priority Date	:20/12/2010	Address of Applicant :1 River Road Schenectady New York
(33) Name of priority country	:U.S.A.	12345 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BENITO SANTIAGO Pedro Luis
(87) International Publication No	: NA	2)YEGRO SEGOVIA Eugenio
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a wind turbine (10) including: a rotor (18) including a rotatable hub (20) and a plurality of rotor blades (22) each of the plurality of rotor blades (22) being attached to the hub (20); and at least one airfoil body (120) including an aerodynamic profile (156) and an airfoil body root portion (122); wherein the aerodynamic profile (156) is configured for increasing aerodynamic lift of at least an inner portion of a rotor blade (22); and the at least one airfoil body (120) is attached to the hub (20) at the airfoil body root portion (122). In addition thereto the present disclosure relates to an aerodynamic assembly (118) for a wind turbine (10) and a method of assembling a wind turbine (10).

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2273/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TURBINE ROTOR FABRICATION USING COLD SPRAYING

(51) International classification

:H02K

(31) Priority Document No

:12/574,943

(32) Priority Date

:07/10/2009

(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

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)CALLA EKLAVYA

2)PABLA SURINDER

3)GOETZE RAYMOND

(57) Abstract :

A method of manufacturing a rotor 10 includes: (a) providing a core shaft 12; (b) cold spraying alloy powder particles onto the core shaft; (c) controlling the cold spraying to form sections 14, 16, 18 at least of different shape along the core shaft to thereby form a near-net shape rotor; and (d) heat treating the near-net shape rotor to relieve stresses and to form diffusion bonding across interfaces between individual powder particles and the core shaft, and finish-shaping said near-net shape rotor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.2654/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELASTOMERIC ARTICLE HAVING A BROAD SPECTRUM ANTIMICROBIAL AGENT AND METHOD OF MAKING

(51) International classification	:A61L 31/14
(31) Priority Document No	:61/191,730
(32) Priority Date	:11/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005103
Filing Date	:11/09/2009
(87) International Publication No	:WO 2010/030374
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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MONTANA 59714, U.S.A.

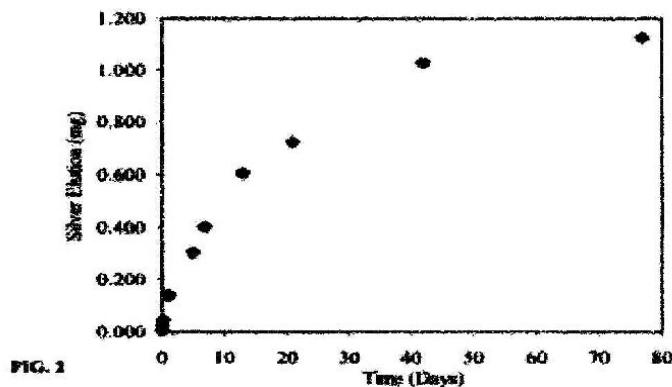
(72)Name of Inventor :

1)LUCHSINGER, BENJAMIN P.

2)MEYER, TODD R.

(57) Abstract :

A method for impregnating a polymer with a bioactive material includes preparing a bioactive metal solution having a bioactive metal, a first solvent in which the bioactive metal is insoluble and a second solvent in which the bioactive metal is slightly soluble. The method also includes soaking the polymer in the bioactive metal solution. Another method for impregnating a polymer with a bioactive material includes soaking the polymer in a swelling solvent followed by soaking the polymer in a bioactive metal solution having the bioactive metal and a solvent in which the bioactive metal is slightly soluble. A bioactive metal-impregnated polymer is prepared by soaking a polymer in a saturated bioactive metal solution comprising a bioactive metal, a swelling solvent in which the bioactive metal is insoluble, and a second solvent in which the bioactive metal is slightly soluble.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.2818/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MARKERS OF INDUCED PLURIPOTENT STEM CELLS

(51) International classification

:C12N 5/00

(31) Priority Document No

:200806945-2

(32) Priority Date

:18/09/2008

(33) Name of priority country

:Singapore

(86) International Application No

:PCT/SG2009/000346

Filing Date

:17/09/2009

(87) International Publication No

:WO 2010/033084

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)CHOO, BOON HWA ANDRE
2)OH, KAH WENG STEVE**

(57) Abstract :

The disclosure relates to the expression of podocalyxin-like protein (PODXL) on the surface of induced pluripotent stem cells and particularly, although not exclusively, to the use of PODXL as a marker of induced pluripotent stem cells.

No. of Pages : 86 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2011

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF DETERMINING BLOOD PRESSURE AND AN APPARATUS FOR DETERMINING BLOOD PRESSURE

(51) International classification	:A61B 5/022	(71) Name of Applicant :
(31) Priority Document No	:200808179-6	1)HEALTHSTATS INTERNATIONAL PTE LTD.
(32) Priority Date	:04/11/2008	Address of Applicant :6 NEW INDUSTRIAL ROAD, #4-01/02/03, HOE HUAT INDUSTRIAL BUILDING SINGAPORE 536199 SINGAPORE
(33) Name of priority country	:Singapore	
(86) International Application No	:PCT/SG2009/000395	
Filing Date	:27/10/2009	(72) Name of Inventor :
(87) International Publication No	:WO 2010/053448	1)TING CHOON MENG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (10) and method enables a reading of a continuous beat to beat heart rate at the superficial temporal artery to give an indication of blood pressure of the brain and blood related diseases. The apparatus (10) is non-invasive. Preferably a reading of a continuous beat to beat heart rate is measured on both the left superficial temporal artery and the right superficial temporal artery simultaneously during the same heart beat. Where the wave form measured from the left temporal artery differs from the wave form measured from the right temporal artery this may be an indication of an impending stroke or an indication that a stroke has recently happened. Further the indices of the wave forms may be used as a clinical indication of other blood related diseases.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3712/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROJECTION DETECTING APPARATUS AND PROJECTION DETECTING METHOD

(51) International classification	:G01B 15/08
(31) Priority Document No	:2009-247919
(32) Priority Date	:28/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005630
Filing Date	:15/09/2010
(87) International Publication No	:WO 2011/052130
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NIRECO CORPORATION

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2)JFE STEEL CORPORATION

(72)Name of Inventor :

1)YAMAMOTO, MASAHIRO

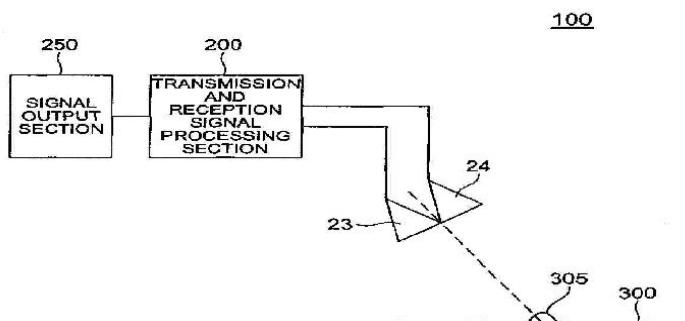
2)KENMOCHI, MITSUTOSHI

3)SASAKI, TOSHIHIRO

(57) Abstract :

A projection detecting apparatus according to the present invention is that for detecting a projection on a surface of a running metal object, and includes a transmission antenna for radiating electromagnetic waves; a reception antenna for receiving reflected electromagnetic waves; and a transmission and reception signal processing section for processing a transmission signal and a reception signal. The transmission antenna and the reception antenna have unidirectionality and the transmission antenna and the reception antenna are installed in such a way that the reception antenna does not catch electromagnetic waves which have been radiated by the transmission antenna and reflected on the surface of the metal object and the reception antenna catches electromagnetic waves alone which have been radiated by the transmission antenna and reflected on the projection.

FIG. 1



No. of Pages : 48 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : TARGETING OF ANTIGEN PRESENTING CELLS WITH IMMUNONANOTHERAPEUTICS

		<p>(71)Name of Applicant :</p> <p>1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY Address of Applicant :77 MASSACHUSETTS AVENUE, CAMBRIDGE, MA 02139, UNITED STATES OF AMERICA</p> <p>2)PRESIDENT AND FELLOWS OF HARVARD COLLEGE</p> <p>3)THE BRIGHAM AND WOMEN'S HOSPITAL, INC.</p>
(51) International classification	:A61K 39/00	
(31) Priority Document No	:PCT/US2008/011932	
(32) Priority Date	:12/10/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/060250 :09/10/2009	
(87) International Publication No	:WO 2010/042876	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(72)Name of Inventor :

- 1)JINJUN SHI**
- 2)FRANK ALEXIS**
- 3)MATTEO IANNACONE**
- 4)ELLIOTT ASHLEY MOSEMAN**
- 5)PAMELA BASTO**
- 6)ROBERT LANGER**
- 7)OMID C. FAROKHZAD**
- 8)ULRICH VON ANDRIAN**
- 9)ELENA TONTI**

(57) Abstract :

The present invention provides compositions and systems for delivery of nanocarriers to cells of the immune system. The invention provides nanocarriers capable of stimulating an immune response in T cells and/or in B cells. The invention provides nanocarriers that comprise an immunofeature surface. The nanocarriers are capable of targeting antigen presenting cells when administered to a subject. The invention provides pharmaceutical compositions comprising nanocarriers. The present invention provides methods of designing, manufacturing, and using nanocarriers and pharmaceutical compositions thereof.

No. of Pages : 255 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3544/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ADJUVANT INCORPORATION IN IMMUNONANOTHERAPEUTICS

(51) International classification	:A61K 39/00
(31) Priority Document No	:PCT/US2008/011932
(32) Priority Date	:12/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/060242 :09/10/2009
(87) International Publication No	:WO 2010/042870
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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(72)Name of Inventor :

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3)JINJUN SHI

4)PAMELA BASTO

5)ELLIOTT ASHLEY MOSEMAN

6)ULRICH VONANDRIAN

7)ROBERT LANGER

8)OMID C. FAROKHZAD

9)ELENA TONTI

(57) Abstract :

A composition comprising: (1) synthetic nanocarriers having a least one surface, wherein a first surface of the synthetic nanocarriers comprises an immunofeature surface; (2) an immunostimulatory agent; (3) an MHC Class I, MHC Class II or CD1 presentable polypeptide; and (4) a pharmaceutically acceptable excipient.

No. of Pages : 264 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.3637/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RADIOISOTOPE-LABELED LYSINE AND ORNITHINE DERIVATIVES, THEIR USE AND PROCESSES FOR THEIR PREPARATION

(51) International classification	:C07B 59/00
(31) Priority Document No	:08075919.4
(32) Priority Date	:04/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/008419
Filing Date	:26/11/2009
(87) International Publication No	:WO 2010/063403
(61) 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 SCHERING PHARMA AKTIENGESELLSCHAFT

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(72)**Name of Inventor :**

**1)NORMAN KOGLIN
2)LUTZ LEHMANN
3)HOLGER SIEBENEICHER
4)ANDRE MULLER
5)NIELS BOHNKE**

(57) Abstract :

The invention relates to the compounds suitable for radiolabeling with a chelator free radioisotope and radiolabeled compounds of the general Formula I. Said compounds are ornithine or lysine derivatives.

No. of Pages : 91 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.3638/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RADIO FREQUENCY BASED SENSORS EMPLOYING ANALYTE RECOGNITION ELEMENT

(51) International classification	:G01N 27/02
(31) Priority Document No	:12/325,653
(32) Priority Date	:01/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2009/051346
Filing Date	:27/11/2009
(87) International Publication No	:WO 2010/064976
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)WILLIAM MORRIS

2)RADISLAV POTYRAILO

3)VENKAT VENKATARAMANI

(57) Abstract :

A radio frequency based sensor is provided. The sensor comprises a radio frequency identification tag having a substrate, where the radio frequency identification tag generates an associated electromagnetic field. The sensor further includes an analyte recognition element in operative association with the substrate, where the analyte recognition element is capable of binding to a target analyte, and a signal amplification entity coupled to the analyte recognition element, where the signal amplification entity facilitates change in electromagnetic field in presence of the target analyte.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3727/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ISOXAZOLE DERIVATIVES FOR USE AS PLANT GROWTH REGULATORS

(51) International classification	:A01N 43/80
(31) Priority Document No	:0823002.1
(32) Priority Date	:17/12/2008
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2009/066965 :11/12/2009
(87) International Publication No	:WO 2010/069881
(61) Patent of Addition 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)WENDEBORN SEBASTIAN VOLKER

3)BOBBIO CARLA

4)KESSABI JILALI

5)SCHNEITER PETER

6)GRASSO VALERIA

7)HAAS ULRICH JOHANNES

8)LEE SHY-FUH

9)NA

10)GLIEDT MICAH

(57) Abstract :

The present invention relates to isoxazole compounds of formula (I) having plant growth regulating properties, to agricultural compositions comprising them, and to the use of said compounds for regulating plant growth.

No. of Pages : 69 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3728/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD FOR FORMING POROUS POLYMERIC MEMBRANE

(51) International classification	:B01D 71/32
(31) Priority Document No	:PS 0466
(32) Priority Date	:12/02/2002
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2003/00179
Filing Date	:12/02/2003
(87) International Publication No	:WO 03/068374
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2188/DELNP/2004
Filed on	:12/02/2003

(71)Name of Applicant :

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WARRENDALE, PENNSYLVANIA 15086 U.S.A.

(72)Name of Inventor :

1)MULLETTE DANIEL

2)MULLER HEINZ-JOACHIM

(57) Abstract :

Porous polymeric ultrafiltration or microfiltration membranes including Halar (poly (ethylene chlorotrifluoroethylene)) and related compounds and the methods of production thereof which avoid the use of toxic solvents. Preferred solvents, coating agents and pore forming agents are citric acid ethyl ester or glycerol triacetate. The membranes may be in the form of a hollow fibre or flat sheet, and may include other agents to modify the properties of the membrane, such as the hydrophilic & sol; hydrophobic balance. Leachable agents may also be incorporated into the membranes.

No. of Pages : 55 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3729/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR MAKING 4-TETRAZOLYL-4- PHENYLPYPERIDINE COMPOUNDS

(51) International classification	:C07D
(31) Priority Document No	:60/540,839
(32) Priority Date	:30/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003170
Filing Date	:31/01/2005
(87) International Publication No	:WO 2005075455
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:4424/DELNP/2006
Filed on	:31/01/2005

(71)Name of Applicant :

1)EURO-CELTIQUE S.A

Address of Applicant :2 AVENUE CHARLES DE GAULLE,
1653, LUXEMBOURG (LU).

(72)Name of Inventor :

1)BROWN KEVIN

2)DOYLE TIMOTHY J.

3)WHITEHEAD JOHN W. F.

(57) Abstract :

Methods, composition, and intermediates are disclosed that are useful for making 4-Tetra2olyl-4-phenylpiperidine Compounds according to Formula (I), where Ar1 Is -C3-C8 cycloalkyl, phenyl, naphthyl, anthryl, phenanthryl or -(5-7-membered) heteroaryl, each being unsubstituted or substituted with one or more R2 groups; Ar2 is phenyl, naphthyl, anthryl, phenanthryl or -(5-7-membered) heteroaryl, each being unsubstituted or substituted with one or more R2 groups; Z1 and Z2 are each independently a -(C1-C4 alkyl) group; R1 is -(CH2)nC(O)N(R3)(R4) where R3 and R4 are each independently H or -(C1-C4 alkyl); R2 is halogen, -C1-C3 alkyl, -O-(C1-C3 alkyl), -NH(C1-C3 alkyl) or -N(C1-C3 alkyl)2; n is an integer ranging from 1 to 4; m is an integer ranging from 0 to 4; and, in certain embodiments, the phenyl moiety attached to the 4-position of the piperidine ring of a compound according to Formula (I) can be optionally substituted with one or mor R2 groups.

No. of Pages : 182 No. of Claims : 83

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3704/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING A LASER PROCESSING OPERATION TO BE PERFORMED ON A WORKPIECE, AND LASER PROCESSING HEAD HAVING SUCH A DEVICE

(51) International classification	:B23K 26/04
(31) Priority Document No	:10 2008 058 422.3
(32) Priority Date	:21/11/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/008294
Filing Date	:20/11/2009
(87) International Publication No	:WO 2010/057662
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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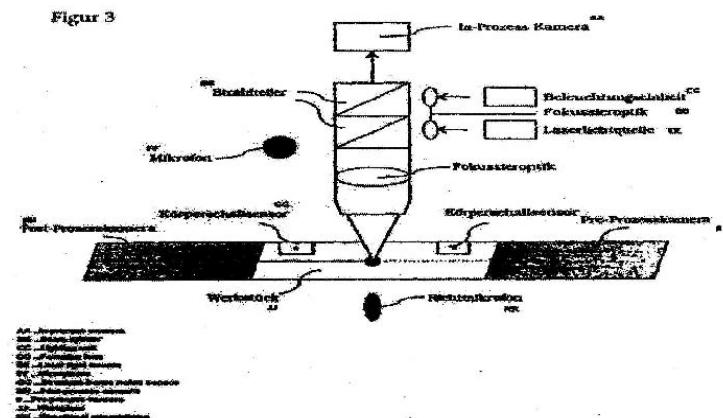
2)PRECITEC ITM GMBH

(72)**Name of Inventor :**

1)STORK, GENANNT, WERSBORG, INGO

(57) Abstract :

The invention relates to a method for monitoring a laser machining operation to be performed on a workpiece, comprising the following steps: detecting at least two current measured values by at least one sensor, which monitors the laser machining operation, determining at least two current characteristic values from the at least two current measured values, wherein the at least two current characteristic values jointly represent a current fingerprint in a characteristic value space, providing a predetermined point set in the characteristic value space, and classifying the laser machining operation by detecting the position of the current fingerprint relative to the predetermined point set in the characteristic value space, wherein the at least one sensor comprises at least one camera unit, which records camera images with different exposure times and processes them together by using a high dynamic range (HDR) method, in order to provide images having a high contrast ratio as the current measured values.



No. of Pages : 55 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3705/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MODULATION OF INFANT FAT MASS

(51) International classification	:A23L 1/305
(31) Priority Document No	:08170936.2
(32) Priority Date	:08/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/065662
Filing Date	:23/11/2009
(87) International Publication No	:WO 2010/066569
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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VEVEY, SWITZERLAND

(72)Name of Inventor :

1)FICHOT, MARIE-CLAIRE

2)MACE, CATHERINE

3)STEEGHOUT, PHILIPPE

(57) Abstract :

A method of reducing the accumulation of fat mass in a neonatal human infant at risk thereof which method comprises administering to the infant during at least a part of the neonatal period a therapeutic amount of a nutritional composition comprising proteins in an amount such that the composition contains more than 2.4g of protein per 100kcal. As weight gain during the first week of life has been associated with overweight in adulthood, this may offer a method of reducing the risk of developing obesity in later life. Also claimed is the administration of DHA to the mother during gestation period.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3706/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HOLDING ARRANGEMENT

(51) International classification	:B65G
(31) Priority Document No	:10 2008 055 823.0
(32) Priority Date	:04/11/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/007869
Filing Date	:03/11/2009
(87) International Publication No	:WO 2010/051967
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MULZER, STEPHAN

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SCHLIERSEE, Germany

(72)Name of Inventor :

1)MULZER, STEPHAN

(57) Abstract :

The invention relates to a texture for objects for providing a secure, space-saving, individually customizable and clearly arranged retaining system for the objects, such as vials and the like, such as for storage and/or transport of the same, wherein at least the holding device for holding at least one object can be attached to the fixture and wherein furthermore fastening means are designed on the fixture in order to fasten the fixture to a frame or the like.

No. of Pages : 45 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3707/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF 3-HYDROXY-2-PHENYL-CHROMENE-4-THIONES

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)UMA PATHAK

2)LOKESH KUMAR PANDEY

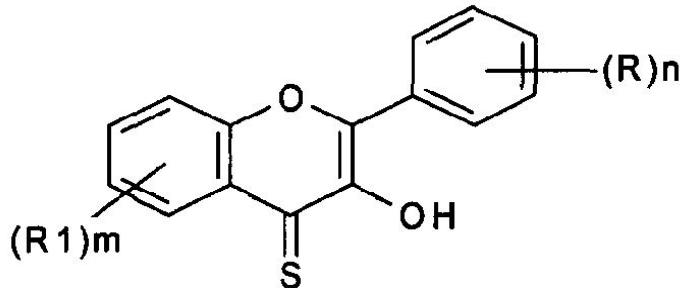
3)MANORAMA VIMAL

4)M.V.S. SURYANARAYANA

5)RAJAGOPALAN VIJAYARAGHAVAN

(57) Abstract :

The present disclosure provides a process for the preparation of 3-hydroxy-2-phenyl-chromene-4-thiones of formula I. The process involves thionation of 3-hydroxy flavones with PSCl_3 by activating it with water, and 4-(dimethylamino) pyridine (DMAP).



I

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3707/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PORTABLE PROTECTION DEVICE

(51) International classification	:F41H 5/06
(31) Priority Document No	:12/257,902
(32) Priority Date	:24/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061664
Filing Date	:22/10/2009
(87) International Publication No	:WO 2010/048391
(61) Patent of Addition 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)CARBERRY, JOHN
- 2)FORSYTHE, GEORGE
- 3)KLIMAN, HARVEY
- 4)LEIGHTON, KATHERINE
- 5)GARNIER, JOHN
- 6)BALLARIO , RAY
- 7)SERAFIN, WIKTOR
- 8)ICKES, JASON

(57) Abstract :

A portable protection system including a selectively collapsible truss for supporting a protection member. The truss is movable between a collapsed position and an expanded position. The protection member includes at least one layer of ballistic armor material for disrupting a projectile. The truss includes suitable connectors for releasably connecting the protection member to the truss, and also suitable connectors for releasably connecting the truss to an adjoining truss so as to form a protection wall.

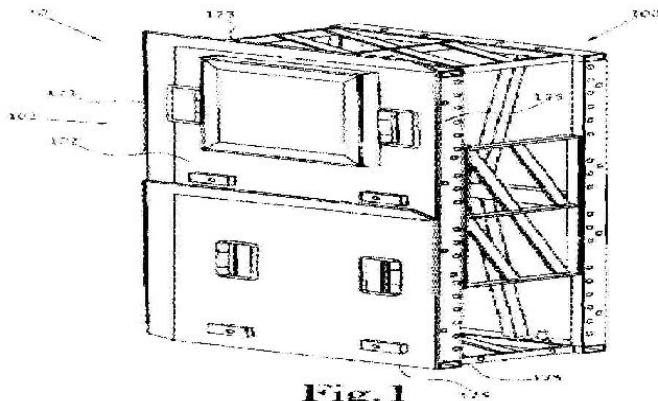


Fig. 1

No. of Pages : 43 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.3397/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLUIDISED BED DEVICE WITH QUICK FLUIDISATION AND SATURATED FLOW OF CIRCULATING SOLIDS

(51) International classification	:B01J 8/00	(71) Name of Applicant :
(31) Priority Document No	:0857388	1)JEAN-XAVIER MORIN
(32) Priority Date	:30/10/2008	Address of Applicant :39, RUE DU CAS ROUGE
(33) Name of priority country	:France	MARCHANDON, 45170 NEUVILLE AUX BOIS, FRANCE
(86) International Application No	:PCT/FR2009/051964	(72) Name of Inventor :
Filing Date	:15/10/2009	1)JEAN-XAVIER MORIN
(87) International Publication No	:WO 2010/049617	
(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 fast fluidized bed device comprising a reactor (1, 1'), at least one solids separation cyclone (2, 2') at the outlet from the reactor and including a top wall (2A, 2'A) referred to as a ceiling, a solids return pipe (4, 4') for returning solids at the outlet from said cyclone to the reactor and heat exchangers (5) associated with the flue gas circuit at the outlet from said cyclone, and a pipe (6, 6') connecting the top portion of said reactor to said cyclone. According to the invention, said pipe (6, 6') opens out into said ceiling (2A, 2'A) of the cyclone.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2011

(21) Application No.3398/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : Wind Turbine Rotor Blades With Enhanced Lightning Protection System

(51) International classification

:B23B

(31) Priority Document No

:12/957693

(32) Priority Date

:01/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

A wind turbine rotor blade includes a plurality of lightning receptors configured along either or both of the pressure side or suction side of the blade. At least one continuity circuit is configured with the blade with the lightning receptors disposed in series within a respective continuity circuit such that an electrical continuity path defined by the circuit passes through each of the lightning receptors within the continuity circuit. The circuit has terminal ends that extend through the blade root for conducting continuity checks with the circuit.

No. of Pages : 24 No. of Claims : 20

(71)Name of Applicant :

1)General Electric Company

Address of Applicant :1 River Road Schenectady New York
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(72)Name of Inventor :

1)FRITZ Peter James

2)HARDISON Richard

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.3656/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : WAX EMULSION FOR USE IN BUILDING PRODUCTS

(51) International classification	:C10G
(31) Priority Document No	:61/112,468
(32) Priority Date	:07/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063723
Filing Date	:09/11/2009
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)MAHONEY, DENNIS MICHAEL

2)BURNS, JOHN HARTLEY

(57) Abstract :

An aqueous wax emulsion, comprising water, a paraffinic hydrocarbon, polyvinyl alcohol and a wax component comprising synthetic olefin wax component. The synthetic olefin wax component may be selected from the group consisting of (i) a synthetic normal α-olefin wax, (ii) a synthetic olefin wax of a carbon chain length of about 20 or more carbon atoms, that is modified by oxidizing and/or by refining through distillation or stripping, and (iii) combinations thereof. Such emulsions are useful for settable gypsum compositions and water-resistant wallboard. Also disclosed is a montan wax substitute for use in an aqueous montan-based wax emulsion.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.3657/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MUC-1 CYTOPLASMIC DOMAIN PEPTIDES AS INHIBITORS OF CANCER

(51) International classification	:C07K 14/47
(31) Priority Document No	:61/106,380
(32) Priority Date	:17/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061051
Filing Date	:16/10/2009
(87) International Publication No	:WO 2010/045586
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)DANA-FARBER CANCER INSTITUTE, INC.

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2)GENUS ONCOLOGY,LLC

(72)**Name of Inventor :**

1)DONALD W. KUFE

2)SURENDER KHARBANDA

(57) Abstract :

The invention provides for peptides from the MUC1 cytoplasmic domain and methods of use therefor. These peptides can inhibit MUC1 oligomerization, thereby preventing tumor cell growth, inducing tumor cell apoptosis and necrosis of tumor tissue in vivo.

No. of Pages : 100 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3658/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONFINEMENT OF NANOSIZED METAL ORGANIC FRAMEWORK IN NANO CARBON MORPHOLOGIES

(51) International classification

:H01J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) 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
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(72)Name of Inventor :

**1)RAHUL BANERJEE
2)SREEKUMAR KURUNGOT
3)PRADIP SHASHIKANT PACHFULE
4)BEENA KALASAPARAMBIL BALAN**

(57) Abstract :

The invention discloses a novel, hybrid material of metal organic framework (MOF) in nano carbon morphologies. More particularly the invention discloses the confinement of MOFs inside, outside and inside and outside of nano carbon morphologies.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.3749/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLY ASH SUPPORTED BIMETALLIC CATALYST AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)UNIVERSITY OF KOTA (DEPARTMENT OF PURE & APPLIED CHEMISTRY)

Address of Applicant :KOTA, RAJASTHAN, INDIA

(72)Name of Inventor :

1)MS. ANITA SHARMA

2)MS. DEEPTI JAIN

3)Prof. ASHU RANI

(57) Abstract :

A fly ash supported bimetallic catalyst and a process for the preparation thereof is disclosed. The fly ash supported bimetallic catalyst comprises activating the fly ash thermally by calcination at a temperature of 700 - 900° C for 3.30 - 4.30 hours. Activating the thermally activated fly ash chemically and subjecting the same to the step of ageing at a temperature of 100 - 120°C for 1.5 - 2.5 hours. Adding aqueous NH₃ solution dropwise in the aged slurry with continuous stirring maintaining pH of 8- 9 at room temperature, maturing precipitate for 22 - 26 hours at room temperature. Washing the precipitated slurry with de-ionized water and drying at a temperature of 100 - 120°C for 10 - 14 hours and then subjecting the same to the step of calcination again at a temperature of 400 - 500°C for 3 - 5 hours to obtain the Ni-Co/fly ash catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2011

(21) Application No.3578/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FORMED PRODUCT□

(51) International classification	:B31C
(31) Priority Document No	:2008-284452
(32) Priority Date	:05/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068838
Filing Date	:04/11/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KURARAY CO. LTD.

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(72)Name of Inventor :

1)Manabu SHIBATA

2)Tatsuya OSHITA

3)Wataru HIROSE

(57) Abstract :

The formed product of the present invention is a formed product selected from the group consisting of a vertical form fill seal pouch, a container cover and a vacuum packaging pouch. The formed product is formed using a gas barrier layered product. The gas barrier layered product includes a base, and at least one layer with gas barrier properties that is stacked on the base. The layer is formed of a composition that includes a hydrolyzed condensate of a compound (L) and a neutralized product of a polymer (X) containing a carboxyl group or a carboxylic acid anhydride group. The compound (L) includes a compound (A) that contains M-1 (Al, Ti or Zr) to which a hydrolyzable characteristic group is bonded and a compound (B) that contains Si to which a hydrolyzable.....

No. of Pages : 112 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3664/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FASTENTING ASSEMBLY

(51) International classification	:B23B
(31) Priority Document No	:10425385.1
(32) Priority Date	:15/12/2010
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)COLOMBO DARIO

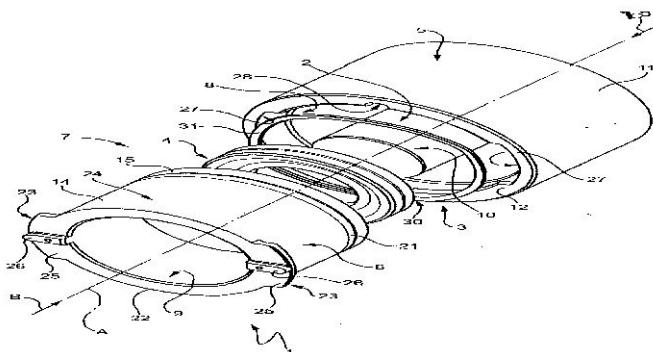
2)GASPARINI GIUSEPPE

3)FERRETTI FRANCESCO

(57) Abstract :

A fastening assembly (3, 3') having a longitudinal axis (A); a tubular first coupling member (5, 5') coaxial with the axis (A); a second coupling member (6, 6') insertable coaxially and at least partly inside the first coupling member (5, 5') in a first direction (B) ; and releasable fastening means (7, 7') for locking the first and second coupling member (5, 5'; 6, 6') to each other in a predetermined angular and axial lock position. The fastening means (7, 7') include : first and second engaging means (27, 65; 25, 62) which are formed on the first and second coupling member (5, 5'; 6, 6') respectively, are complementary in shape, are connectable to each other to define a foolproof angular insertion/release position in which to insert/release the second coupling member (6, 6') into/from the first coupling member (5, 5'), and are releasable by positioning the second coupling member (6, 6') in a predetermined axial position inside the first coupling member (5, 5'); and third and fourth engaging means (28, 66; 26, 63) which are formed on the first and second coupling member (5, 5'; 6, 6') respectively, are complementary in shape, and are connectable to each other in a further angular position of the second coupling member (6, 6'), different from the angular insertion/release position, by moving the second coupling member (6, 6') axially, from the predetermined axial position, in a second direction (C) opposite the first direction (B). (Figure 1)

FIG. 1



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.3664/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LACTAMS AS BETA SECRETASE INHIBITORS

(51) International classification	:C07D 471/10
(31) Priority Document No	:61/117,225
(32) Priority Date	:23/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/055043
Filing Date	:12/11/2009
(87) International Publication No	:WO 2010/058333
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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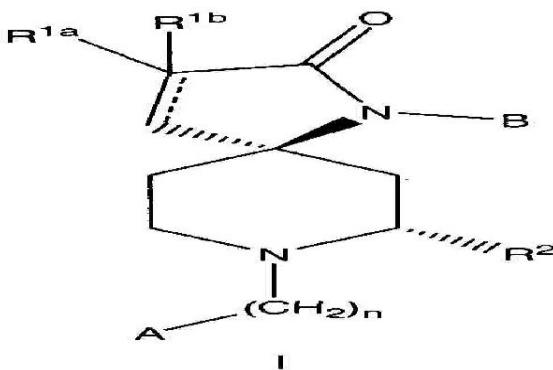
2)EFREMOV IVAN VIKTOROVICH

3)HELAL CHRISTOPHER JOHN

4)O'NEILL BRIAN THOMAS

(57) Abstract :

Compounds and pharmaceutically acceptable salts of the compounds are disclosed, wherein the compounds have the structure of Formula I as defined in the specification. Corresponding pharmaceutical compositions, methods of treatment, methods of synthesis, and intermediates are also disclosed.



No. of Pages : 104 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.3759/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITIONS COMPRISING PROBIOTIC LACTOBACILLUS STRAINS FOR IMPROVED VAGINAL HEALTH

(51) International classification	:B08B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition 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)TALWAR G.P.

2)GARG KAVITA

(57) Abstract :

The present invention relates to a composition comprising: one or more isolated probiotic bacterial strain selected from the group consisting of: a) Lactobacillus fermentum ssp mucosae TRF#36 deposited under number MTCC 5617; b) Lactobacillus gasseri TRF #8 deposited under number MTCC 5615; and c) Lactobacillus salivarius TRF #30 deposited under number MTCC 5616 or variants thereof; at least one or more pharmaceutically acceptable excipients; optionally one or more herbal extract and/or prebiotics.

No. of Pages : 32 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.3208/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITIONS COMPRISING CB RECEPTOR AGONISTS, USES THEREOF AND METHODS FOR THEIR PREPARATION

(51) International classification	:C07C 39/17
(31) Priority Document No	:61/103,054
(32) Priority Date	:06/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IL2009/000964 :11/10/2009
(87) International Publication No	:WO 2010/041253
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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(72)Name of Inventor :

- 1)ITAI BAB**
- 2)RAPHAEL MECHOULAM**
- 3)AVIVA BREUER**
- 4)NAAMA MUSSAI**

(57) Abstract :

The present invention relates compositions comprising (3R, 4R, 6R)-stereoisomers of phenyl substituted pinenes having CB receptor agonists properties, uses thereof for the manufacture of pharmaceutical compositions and process for their preparations.

No. of Pages : 36 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/11/2011

(21) Application No.3210/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ARM AND WAIST EXERCISING APPARATUS

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

(71)Name of Applicant :

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Address of Applicant :5 Fl. 755 Min Tzu E. Road Taipei
Taiwan Republic of China

(72)Name of Inventor :

1)WEI-TEH HO

(57) Abstract :

An arm and waist exercising apparatus includes a positioning member for positioning on the floor a swinging frame bar having a longitudinal sliding slot located on the top rollers pivotally mounted in the bottom side for supporting on the floor a longitudinal sliding track located on the inside a handlebar supported on and movable along the longitudinal sliding slot a slide fixedly connected to the handlebar and movable along the longitudinal sliding track an elastic band connected between the slide and one end of the longitudinal sliding track and a connecting plate slidably coupled to a sliding groove therein and pivotally connected to the positioning member an AV (audio and video) indicator for giving audio and video indication signals during exercise and a knee rest mounted on the positioning member.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3670/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN HERBAL FORMULATION (AYUSH-A) FOR THE TREATMENT OF ASTHMA AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CENTRAL COUNCIL FOR RESEARCH IN
(32) Priority Date	:NA	AYURVEDIC SCIENCES (CCRAS)
(33) Name of priority country	:NA	Address of Applicant :DEPARTMENT OF AYUSH,
(86) International Application No	:NA	MINISTRY OF HEALTH AND FAMILY WELFARE,
Filing Date	:NA	GOVERNMENT OF INDIA, JANAKPURI, NEW DELHI-
(87) International Publication No	:NA	110058, INDIA
(61) Patent of Addition to Application Number	:NA	2)KALRA, NAVNEET
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)KALRA, NAVNEET;
Filing Date	:NA	2)GOEL, VEDPRAKASH;
		3)PADHI, M.M.;
		4)GAIDHANI, SUDESH;
		5)VERMA SUBASH CHANDRA;
		6)ILAVARASAN, R.;
		7)SARASWATHY, A.;
		8)DUTTA, SHREYA;

(57) Abstract :

The present invention relates to herbal formulation for the treatment of bronchial asthma comprising Pushkarmool, Somalata, Kakarshingi, Bibhitaki, Yashti, Khatmi, Pippali, Gulbanaphsa, Lasora and Harad Kabuli. The formulation comprises powder of various parts of the herbs. The particle size of the herbal powder is of 60-80 mesh. The formulation Ayush-A has an amount of piperin not less than 0.3%; total ash not more than 8%; acid insoluble ash not more than 1.5%; water soluble extractive not less than 23%; alcohol soluble extractive not less than 16%; pH in the range of 4.81-5.83 for 5% aqueous solution; tannins in the range of 5.73-13.60%.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3673/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A GENETIC MARKER FOR DETECTION OF HUMAN PAPILLOMA VIRUS

(51) International classification	:C12Q 1/70
(31) Priority Document No	:61/197,850
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062114
Filing Date	:26/10/2009
(87) International Publication No	:WO 2010/051261
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TROVAGENE, INC.

Address of Applicant :11055 FLINKOTE AVENUE, SAN DIEGO, CALIFORNIA 92121, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)HOVSEP S. MELKONYAN

2)SAMUIL R. UMANSKY

3)ZHENGHAN XIN

(57) Abstract :

A composition comprising an isolated genetic marker for human papillomavirus (HPV) comprising the sequence encoded by SEQ ID NO: 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, or 97.

No. of Pages : 53 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3674/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND EQUIPMENT FOR MAKING A SPRING

(51) International classification	:B21F 3/06
(31) Priority Document No	:0806192
(32) Priority Date	:05/11/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/052054
Filing Date	:26/10/2009
(87) International Publication No	:WO 2010/052407
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RESSORTS HUON DUBOIS

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HONORINE, FRANCE

(72)Name of Inventor :

1)SERGE HUON

(57) Abstract :

Method for making a variable pitch spring in which a spring wire is bent using bending fingers so as to impart a spiral configuration thereto, a gap is formed between the turns by placing between the turns being formed the beveled edge of a pitch tool including a rotary disk having a rotation synchronized with feeding the spring wire, the disk having a beveled profile that varies along the periphery of the disk and the spring wire being cut at the end of the formation of each spring.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.3768/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MAGNETIZATION OF RARE-EARTH PERMANENT MAGNETS

(51) International classification

:B08B

(31) Priority Document No

:12/977575

(32) Priority Date

:23/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

A system for cooling superconducting materials used for magnetization of magnets disposed within a cylindrical structure, the system including a first tubing system (22) for allowing a cooling gas to interact with a high-field strength superconducting material (15) to thermosiphon-cool the high-field strength superconducting material (15), a second tubing system (22) for allowing a cooling gas to interact with a low-field strength superconducting material (14) to thermosiphon-cool the low-field strength superconducting material (14), and a cooling gas (26) in liquefied form configured to flow through the first tubing system (22) and/or the second tubing system (22). An outlet of the first tubing system (22) and an outlet of the second tubing system (22) are located at a same location on a surface of the cylindrical structure. A method for cool superconducting materials used for magnetization of magnets disposed within a cylindrical structure is also disclosed.

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

(71)Name of Applicant :

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(72)Name of Inventor :

1)STAUTNER, ERNST WOLFGANG

2)HARAN, KIRUBA SIVASUBRAMANIAM

3)ROCHFORD, JAMES

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2011

(21) Application No.3395/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : System And Method For Locating A Maintenance Device Approximate An Area Of Interest Of A Wind Turbine

(51) International classification	:B23B
(31) Priority Document No	:12/955384
(32) Priority Date	:29/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)General Electric Company

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

(72)**Name of Inventor :**

1)OLSON Steven Haines

2)MISHRA Debasish

3)FRITZ Peter James

4)JOHNSON Stephen Bertram

(57) Abstract :

A system and method are disclosed for locating a maintenance device approximate an area of interest of a wind turbine. The system generally includes a carriage configured to support the maintenance device and a cable having first and second ends attached to the carriage. Additionally the system includes first and second anchor points with the first anchor point being disposed adjacent to a component of the wind turbine. The second anchor point is spaced apart from the first anchor point such that the area of interest is generally disposed between the first and second anchor points. The cable may be coupled along its length between the first and second anchor points such that as the cable is displaced the carriage is moved to a position at which the area of interest is accessible to the maintenance device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3559/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INCLUSION COMPLEXES OF PINOCEMBRIN WITH CYCLODEXTRIN OR ITS DERIVATIVES□

(51) International classification	:C10K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CSPC ZHONGQI PHARMACEUTICAL
(32) Priority Date	:NA	TECHNOLOGY (SHIJIAZHUANG) CO. LTD.
(33) Name of priority country	:NA	Address of Applicant :No. 276 Zhongshan West Road
(86) International Application No	:PCT/CN2008/073011	Shijiazhuang City Hebei Province 050051 P. R. China.
Filing Date	:11/11/2008	2)INSTITUTE OF MATERIA MEDICA CHINESE
(87) International Publication No	: NA	ACADEMY OF MEDICAL SCIENCES
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WU Song
(62) Divisional to Application Number	:NA	2)DU Guanhua
Filing Date	:NA	3)QI Yan

(57) Abstract :

Inclusion complexes of pinocembrin with cyclodextrin or its derivatives and their preparation are provided. The inclusion complexes can be used to make drugs.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.3654/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CALCIUM AND LANTHANUM SOLID BASE CATALYSTS FOR TRANSESTERIFICATION

(51) International classification	:B01J 23/10
(31) Priority Document No	:61/111,508
(32) Priority Date	:05/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063363
Filing Date	:05/11/2009
(87) International Publication No	:WO 2010/054054
(61) Patent of Addition 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)NG, K.Y., SIMON

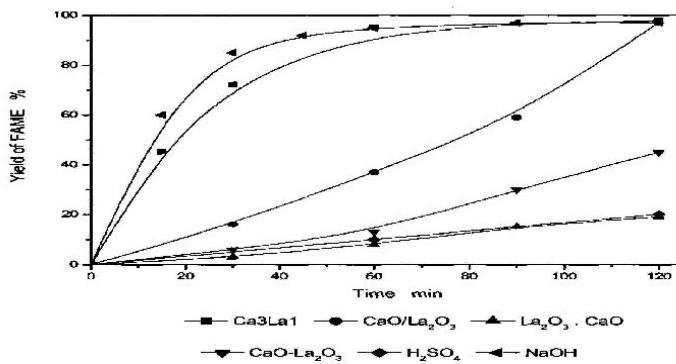
2)YAN, SHULI

3)SALLEY, STEVEN,O.

(57) Abstract :

In one aspect, a heterogeneous catalyst comprises calcium hydroxide and lanthanum hydroxide, wherein the catalyst has a specific surface area of more than about 10 m² /g. In another aspect, a heterogeneous catalyst comprises a calcium compound and a lanthanum compound, wherein the catalyst has a specific surface area of more than about 10 m²/g, and a total basicity of about 13.6 mmol/g. In further another aspect, a heterogeneous catalyst comprises calcium oxide and lanthanum oxide, wherein the catalyst has a specific surface area of more than about 10 m² /g. In still another aspect, a process for preparing a catalyst comprises introducing a base precipitant, a neutral precipitant, and an acid precipitant to a solution comprising a first metal ion and a second metal ion to form a precipitate. The process further comprises calcining the precipitate to provide the catalyst.

FIGURE 2



No. of Pages : 42 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.3656/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 2-PHENYL ETHANOL BY CATALYTIC HYDROGENATION OF STYRENE OXIDE

(51) International classification

:H01J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) 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

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1)HARI CHAND BAJAJ

2)SAYED HASAN RAZI ABDI

3)RUKHSANA ILYAS KURESHY

4)NOOR-UL HASAN KHAN

5)AASIF ASHARAFBHAIDABBAWALA

6)TAMAL ROY

(57) Abstract :

An improved process for preparation of 2-phenyl ethanol by catalytic hydrogenation of styrene oxide using a catalyst consisting of Pd(II) on basic inorganic support is investigated. The present invention comprises development of new Pd based catalyst having various advantages in selective preparation of 2-Phenylethanol. The present method yields 2-phenyl ethanol in 98% selectivity at total conversion of styrene oxide under optimized condition. The present process represents an environment friendly alternative to conventionally used methods in industry and eliminates the reduction step for catalyst preparation. In the present invention the active catalyst is generated in situ during the hydrogenation of styrene oxide. In addition, Pd (II) supported catalysts do not catch fire (non pyrophoric), can be stored under ambient conditions and produce very less or no dust which make suitable for industrial application.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.3756/DEL/2011 A

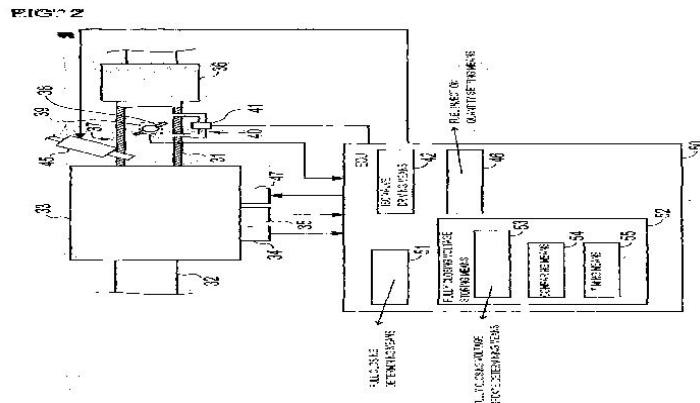
(43) Publication Date : 27/09/2013

(54) Title of the invention : THROTTLE OPENING LEARNING DEVICE

(51) International classification	:B08B	(71)Name of Applicant :
(31) Priority Document No	:2011-025493	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:08/02/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KENTA ONISHI 2)HIROSHI TANAKA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide a throttle opening learning device that enables the precise learning of fully closing voltage independent of whether an engine is in a warm-up state or not. [Solution] A throttle opening learning device includes engine speed detecting means 35 that detects engine speed, throttle opening detecting means 39 that outputs voltage according to an opening of a throttle valve, throttle full closing determining means 51 that determines that output voltage from the throttle opening detecting means 39 is throttle fully closing voltage when engine speed detected by at least the engine speed detecting means 35 is equal to or lower than predetermined speed for determination and fully closing voltage storing means 52 that stores the throttle fully closing voltage, and the throttle full closing determining means 51 is provided with first speed for determination used during the warming up of an engine and second speed for determination used after the warming up of the engine and lower than the first speed for determination. [Selected Drawing] Fig. 2



No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3692/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CAPACITIVE TOUGH SCREEN AND STRATEGIC GEOMETRY ISOLATION PATTERNING METHOD FOR MAKING TOUCH SCREENS

(51) International classification	:G06F 3/041	(71) Name of Applicant :
(31) Priority Document No	:61/112,064	1)UICO, LLC
(32) Priority Date	:06/11/2008	Address of Applicant :175 WALL STREET, GLENDALE HEIGHTS, IL 60139, U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/063565	(72) Name of Inventor :
Filing Date	:06/11/2009	1)BAHAR WADIA
(87) International Publication No	:WO 2010/054204	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A new patterning technique, known as Strategic Geometry Isolation (SGI), is used to pattern conductive film structures using laser ablation. In addition to ITO films, SGI may also be used to pattern any other conductive film amenable to ablation with a laser or other directed energy beam. Instead of ablating large areas of ITO to create an ITO void through which underlying layers in a MIPC can project a capacitive field, the SGI patterning technique involves leaving in place, but electrically isolating, the areas that would have been ablated. The electrical isolation of these areas may be accomplished with a single pass of the ablation path. In use, the electrically isolated areas behave similarly to the ITO voids/ablated areas, allowing the underlying capacitive field to project through them. The coupling provided by the electrically isolated areas for the combined layers enhances the capacitive field of the underlying layers.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3693/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OFFSET PRINTING UNIT WITH PLATE CYLINDER DRIVE

(51) International classification	:B41L 23/00
(31) Priority Document No	:61/199,061
(32) Priority Date	:13/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064192
Filing Date	:12/11/2009
(87) International Publication No	:WO 2010/056851
(61) Patent of Addition 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)LARRY HINES

(57) Abstract :

An offset printing unit has a first plate cylinder, a first blanket cylinder, at least one first inker roller, and a motor that drives the plate cylinder. The first plate cylinder supports a first printing plate and drive the first blanket cylinder. The first blanket cylinder supports a first printing blanket, rollingly engages the first plate cylinder, and rollingly engages a substrate. The at least one first inker roller supplies ink to the first plate and blanket cylinders and rollingly engages the first plate cylinder.

No. of Pages : 18 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3694/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRANSMITTER APPARATUS, RECEIVER APPARATUS, COMMUNICATION SYSTEM, AND PROCESSING METHOD FOR USE IN RECEIVER APPARATUS

(51) International classification	:H04W 28/04	(71) Name of Applicant :
(31) Priority Document No	:P2008-300219	1)SONY CORPORATION
(32) Priority Date	:25/11/2008	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 1080075, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2009/069826	1)OSAMU ITO
Filing Date	:25/11/2009	
(87) International Publication No	:WO 2010/061832	
(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 transmission apparatus, a reception apparatus, a communication system, and a processing method used in the reception apparatus that are capable of reducing collisions of an Ack frame. A transmission apparatus 100 transmits an Ack frame 200 made up of only a PLCP preamble. In a reception apparatus 300, an RF unit 320 supplies the Ack frame 200 received by an antenna 310 to a PMD unit 340. The PMD unit 340 determines a termination end of the Ack frame 200 on the basis of a signal strength of the Ack frame 200 supplied from the RF unit 320. Furthermore, the PMD unit 340 generates a timing of the termination end of the PLCP preamble of the Ack frame 200 on the basis of the PLCP preamble. A PLCP unit 350 detects the Ack frame 200 on the basis of a result in which the termination end of the Ack frame 200 has been determined using the signal strength and the timing of the termination end of the PLCP preamble generated by the PLCP preamble of the Ack frame 200.

No. of Pages : 72 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3786/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CALIBRATION OF ACTIVE ELECTRONICALLY SCANNED ARRAY (AES) ANTENNAS

(51) International classification	:G09D
(31) Priority Document No	:TO2010A 001039
(32) Priority Date	:22/12/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MOSCA STEFANO

2)MARCHETTI MASSIMO

(57) Abstract :

The present invention concerns an active electronically-scanned array antenna (2) comprising: an active array (25), configured for radiating/receiving radiofrequency (RF) signals through first radiating openings (21a) that lie on a ground plane (22); and a dielectric cover (23) arranged at a given distance (D) from the ground plane (22) so that between said dielectric cover (23) and said ground plane (22) an air gap (24) is present. Said active electronically scanned array antenna (2) is characterized in that it further comprises one or more calibration devices (3) operable for calibrating said active electronically scanned array antenna (2), each calibration device (3) comprising a respective radiating portion (31) arranged between the dielectric cover (23) and the ground plane (22) and configured for receiving radiofrequency (RF) signals radiated through corresponding first radiating openings (21a) and for radiating radiofrequency (RF) signals in the air gap (24) towards said corresponding first radiating openings (21a).

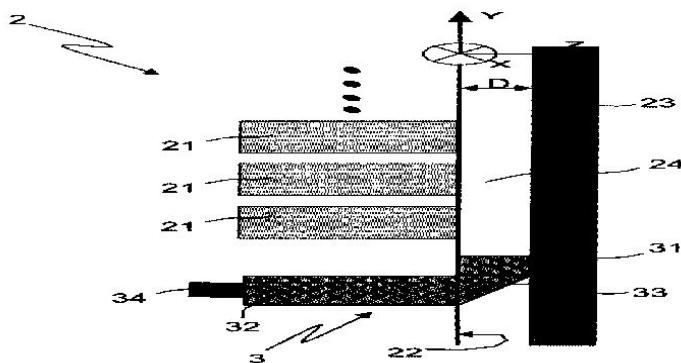


FIG. 2

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3331/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ORALLY ADMINISTRABLE IMMUNOSTIMULANT PRODUCT FOR AQUACULTURE

(51) International classification	:A61K 9/50
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB08/002697
Filing Date	:10/10/2008
(87) International Publication No	:WO 2010/041096
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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MURCIA, SPAIN

(72)Name of Inventor :

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- 2)MARCOS PENALVER MELLADO**
- 3)JOSE LOPEZ MAS**
- 4)YOLANDA PEDRENO LOPEZ**
- 5)JUAN P. SOLA GONZALEZ**
- 6)PEDRO MARTINEZ ORTIZ**
- 7)VICTORIANO MULERO MENDEZ**
- 8)FRANCISCO J. ROCA SOLER**
- 9)JORGE GALINDO VILLEGAS**

(57) Abstract :

An orally administrable immunostimulant product comprises a microencapsulated cytokine and an enteric protection polymer to protect the cytokine, the cytokine is a fish, mollusc or crustacean cytokine, preferably a recombinant cytokine such as tumor necrosis factor a (TNF α) over-expressed in a host microorganism.

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3629/DEL/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:P2010-282955	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, Japan
(32) Priority Date	:20/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SHUHEI YUKAWA 2)DAISUKE KUROSAKI 3)SOUICHI TSUKAHARA 4)HANAE HIGUCHI
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An information processing apparatus includes a display panel, a frame, a touch sensor, and a controller. The display panel includes a display surface of a predetermined display area. The frame includes a frame surface that surrounds the display panel and determines the display area. The touch sensor is configured to detect touches to the display surface and the frame surface. The controller is configured to execute predetermined processing when a touch to a first area on the display surface is detected, and to execute the predetermined processing when a touch to a second area on the frame surface is detected, the second area being adjacent to the first area.

No. of Pages : 59 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3721/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROCESSING PRINTED SHEETS, ESPECIALLY SHEETS OF PRINTED SECURITIES , INTO INDIVIDUAL DOCUMENTS

(51) International classification	:G06K
(31) Priority Document No	:08169609.8
(32) Priority Date	:21/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/0055164
Filing Date	:19/11/2009
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SCHAEDE, JOHANNES, GEORG

(57) Abstract :

There is described method of processing printed sheets (100), especially sheets of printed securities, into individual documents (150), such as banknotes, each printed sheet (100) comprising an array of imprints arranged in a matrix of rows and columns. The method comprises the following steps : (i) pre-processing the printed sheets (100) by partly slitting each printed sheet (100) row-wise or column-wise to form slits (110) between adjacent rows or adjacent columns of imprints, slitting being performed in such a manner that the adjacent rows or adjacent columns of imprints are still attached to one another at edges of each thus pre-processed printed sheet (100'); (ii) stacking the pre- processed printed sheets (100') so as to form sheet stacks (121,122) comprising a predetermined number of pre-processed printed sheets (100') stacked one upon the other, and (iii) processing the sheet stacks (121, 122) by cutting each sheet stack (121, 122) column-wise or row-wise along cutting lines (115) between adjacent columns or rows of imprints, cutting being performed along a direction perpendicular to the direction of the slits (110) and in such a manner that individual documents (150) are produced as a result Also described is a system for carrying out this method.

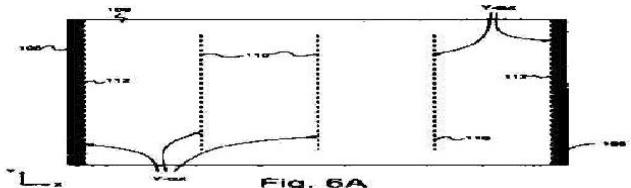


Fig. 6A

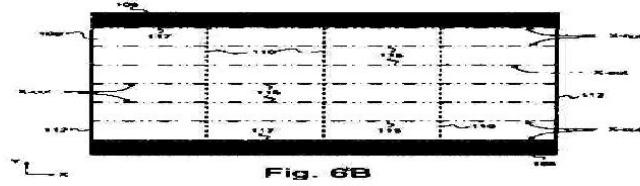


Fig. 6B

No. of Pages : 38 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2011

(21) Application No.3794/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A SYSTEM, DEVICE AND METHOD FOR DETECTING SEISMIC ACCELERATION

(51) International classification

:G01V 1/26

(31) Priority Document No

:2008905977

(32) Priority Date

:19/11/2008

(33) Name of priority country

:Australia

(86) International Application No

:PCT/AU2009/001496

Filing Date

:17/11/2009

(87) International Publication No

:WO 2010/057247

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)THE AUSTRALIAN NATIONAL UNIVERSITY

Address of Applicant :ACTON, AUSTRALIAN CAPITAL TERRITORY 0200, AUSTRALIA

(72)Name of Inventor :

1)LITTER, IAN, C., M.

2)CHOW, JONG, H.

3)MCCLELLAND, DAVID, E.

(57) Abstract :

A device for detecting seismic acceleration including a proof mass; a base for providing a sensor acceleration, relative to the proof mass, based on the seismic acceleration; an optical fibre portion operatively connected between the proof mass and the base for providing a fibre tension based on the sensor acceleration, a fibre Fabry-Perot interferometer (FFPI) in the optical fibre portion for providing an optical characteristic representative of the fibre tension, and a compensator for applying a compensating tension to the FFPI to compensate for a change of the optical characteristic due to a temperature change of the FFPI.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.3799/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MONOCLONAL ANTIBODY SPECIFIC TO HEMAGGLUTININ FORM INFLUENZA VIRUS H1-SUBTYPE AND USES THEREOF

(51) International classification	:B23K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)REPRODUCTIVE CELL BIOLOGY LABORATORY, NATIONAL INSTITUTE OF IMMUNOLOGY
(32) Priority Date	:NA	Address of Applicant :ARUNA ASAFA ALI MARG, NEW DELHI - 110067, INDIA,
(33) Name of priority country	:NA	2)MOLECULAR BIOPHYSICS UNIT, INDIAN INSTITUTE OF SCIENCE
(86) International Application No Filing Date	:NA	3)SERUM INSTITUTE OF INDIA LIMITED
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA	1)GUTA, SATISH KUMAR 2)SHEMBEKAR, NACHIKET 3)MISHRA, ARPITA 4)VARANDARAJAN, RAGHAVAN 5)MALLAJOSYULA, VENKATA VAMSEE ADITY 6)KAPRE, SUBHASH VINAYAK 7)YEOLEKAR, LEENA 8)DHHERE, RAJEEV
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention generally relates to murine monoclonal antibody specific for H1N1 S-OIV. The IgG1 isotype antibody of the invention also neutralizes the H1N1 S-OIV. In another embodiment, the invention provides an isolated monoclonal antibody which is specific for H1N1 S-OIV and which comprises of heavy chain variable region having the amino acid sequence of SEQ ID NO. 2 and light chain variable region having the amino acid sequence of SEQ ID NO. 4. The monoclonal antibody of the invention may be useful as diagnostic agent and as therapeutic agent upon humanization.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3713/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONTROL SYSTEM, WIND FARM, AND METHODS OF OPTIMIZING THE OPERATION OF A WIND TURBINE

(51) International classification	:G01B
(31) Priority Document No	:12/974567
(32) Priority Date	:21/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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

(72)Name of Inventor :

1)SRINIVASAN, PRASHANT

2)GIGUERE, PHILIPPE

3)GUPTA, MANISH

4)MITRA, RWITAM

(57) Abstract :

A control system (150) for a wind turbine (100) configured to generate an acoustic emission during operation includes a communication device (208). The communication device is configured to receive at least one penalty notification identifying a penalty to be assessed based on the acoustic emission generated. The control system also includes a processor (200) coupled to the communication device. The processor is configured to calculate an acoustic emission level to be generated by the wind turbine based on the penalty and based on at least one of a power generated by the wind turbine and an economic value attributed to the wind turbine, and adjust at least one characteristic of the wind turbine to cause the wind turbine to operate at the calculated acoustic emission level.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3714/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHOD OF OPERATING AN ACTIVE FLOW CONTROL SYSTEM TO MANIPULATE A BOUNDARY LAYER ACROSS A ROTOR BLADE OF A WIND TURBINE

(51) International classification	:G01B	(71) Name of Applicant :
(31) Priority Document No	:12/975014	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:21/12/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)NIES, JACOB JOHANNES 2)HAANS, WOUTER
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An active flow control system for manipulating a boundary layer (56) of air across a wind turbine rotor blade (28), the wind turbine rotor blade having at least one sidewall (62) defining a cavity (68) therein, the sidewall extending between a leading edge (74) and an axially spaced trailing edge (76) is provided. The active flow control system includes an air discharge assembly (88) coupled to the sidewall, the air discharge assembly configured to selectively discharge air from within the wind turbine rotor blade into the boundary layer, and an air suction assembly (86) coupled to the sidewall and to the air discharge assembly, the air suction assembly configured to channel air from the boundary layer to the air discharge assembly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3714/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING MATRIX METALLOPROTEINASE 9 (MMP9)-MEDIATED CONDITIONS

(51) International classification	:A61K 31/74	(71) Name of Applicant :
(31) Priority Document No	:61/107,480	1)REVALESIO CORPORATION
(32) Priority Date	:22/10/2008	Address of Applicant :1200 EAST D STREET TACOMA, WASHINGTON, 98421 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2009/061744 :22/10/2009	1)WATSON, RICHARD L. 2)WOOD, ANTHONY B. 3)ARCHAMBEAU,GREGORY J. 4)NA
(87) International Publication No	:WO 2010/04855	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Provided are methods for treating an MMP9-mediated condition or disease, comprising administration of an electrokinetically altered aqueous fluid comprising an ionic aqueous solution of charge-stabilized oxygen-containing nanostructures substantially having an average diameter of less than about 100 nanometers and stably configured in the ionic aqueous fluid in an amount sufficient for treating an MMP9-mediated condition or disease. The chargestabilized oxygen-containing nanostructures are preferably stably configured in the fluid in an amount sufficient to provide for modulation of cellular membrane potential and/or conductivity.

No. of Pages : 109 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3716/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRAJECTORY BASED SENSE AND AVOID

(51) International classification	:B23B
(31) Priority Document No	:12/975164
(32) Priority Date	:21/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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

2)LOCKHEED MARTIN CORPORATION

(72)Name of Inventor :

1)DURLING, MICHAEL RICHARD

2)TOMLINSON, JR., HAROLD WOODRUFF

3)VISNEVSKI, NIKITA

4)HOOVER, CRAIG ALAN

5)FORMAN, GLENN ALAN

6)SEBASTIAN, THOMAS BABY

7)CASTILLO-EFFEN, MAURICIO

8)HANSEN, STEVEN RICHARD

9)ABERNATHY, DOUGLAS STUART

(57) Abstract :

A trajectory-based sense-and-avoid system (168) for use on an aircraft (100) is provided that utilizes 4-D constructs (166, 192), such as 4-D trajectories or 4-D polytopes, to maintain separation from other aircraft (118) and/or to avoid collisions with other aircraft (118). In certain embodiments the trajectory-based sense-and-avoid system (168) utilizes 4-D trajectories provided from an external source and/or 4-D trajectories estimated based on a variety of data sources during operation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2011

(21) Application No.3816/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FRICTION DRIVE BELT

(51) International classification	:B23B
(31) Priority Document No	:2008-273450
(32) Priority Date	:23/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/005188
Filing Date	:06/10/2009
(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)BANDO CHEMICAL INDUSTRIES LTD.

Address of Applicant :6-6 Minatojima Minamimachi 4-chome Chuo-ku Kobe-shi Hyogo 650-0047 JAPAN.

(72)Name of Inventor :

1)Eijiro NAKASHIMA

2)Shigeki OKUNO

(57) Abstract :

A friction drive belt (B) includes: an adhesion rubber layer (11) having a core wire (16) embedded therein so as to form a helical pattern having a pitch in a lateral direction of the belt; a compression rubber layer (12) provided on a surface of the adhesion rubber layer (11) located on an inner side of the belt, and serving as a portion that is to contact pulleys, and a backing rubber layer (17) provided on a surface of the adhesion rubber layer (11) located on an outer side of the belt, and serving as a back portion of the belt. A ratio of tensile stress at 10% elongation of a rubber composition forming the adhesion rubber layer (11)

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2011

(21) Application No.3612/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR CLOSING A CONTAINER IN METAL SHEET

(51) International classification	:B21D 51/26
(31) Priority Document No	:PI0900157-3
(32) Priority Date	:08/01/2009
(33) Name of priority country	:Brazil
(86) International Application No	:PCT/BR2010/000006
Filing Date	:05/01/2010
(87) International Publication No	:WO 2010/078635
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BRASILATA S.A. EMBALAGENS METLICAS

Address of Applicant :RUA ROBERT BOSCH, 332 01141-010 SAO PAULO - SP BRAZIL

(72)Name of Inventor :

1)LVARES, ANTONIO CARLOS TEIXEIRA

2)CUNHA, SILVERIO CANDIDO DA

(57) Abstract :

The container has a tubular body (C) having a» peripheral lateral wall (10) provided with an upper end portion (10a) and a lower end portion (10b) defining an upper retention hook (11) and a lower retention hook (12) to which is double-seamed a lower end wall (30). An upper end wall (20) is conformed to incorporate a peripheral upper skirt (22) presenting an end edge (22c) defining an inverted U shaped upper closure hook (23) to be seated onto the upper retention hook (11) sandwiching an elastic sealing element (40) therebetween. The upper closure hook (23) and the upper retention hook (11) and also a portion of the peripheral upper skirt (22) and a confronting region of the upper end portion (10a) are deformed for seaming the upper closure hook (23) onto the upper retention hook (11) and to form, respectively, a retention rib (24) and a retention groove (14) which tightly fits the retention rib (24).

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3616/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TABLE TOP PADDLE OPERATED NAIP CHARKHA FOR CASHMERE (PASHMINA) FIBRE □

(51) International classification	:A61K	(71) Name of Applicant : 1)DIVISION OF LIVESTOCK PRODUCTS TECHNOLOGY FACULTY OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY SHER-E-KASHMIR UNIVERSITY OF AGRICULTURAL SCIENCES AND TECHNOLOGY Address of Applicant :Kashmir Shuhama Alastang Srinagar-190006 (J&K) India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Sarfaraz Ahmed Wani 2)Asif H Sofi 3)D B Shakyawar 4)Ishrat Yaqoob
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides relates to fabrication of a wooden frame and spindle for yarn formation for higher productivity as compared traditional charkha. The present invention proved efficient without deteriorating the quality of yarn. Furthermore it proved efficient as far as the spinning loss (3%) and spinning efficiency (74%) in terms of productivity and reduction in physical stress and increased remuneration by 80% without deteriorating the quality of yarn.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3725/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OCTREOTIDE DEPOT FORMULATION WITH CONSTANTLY HIGH EXPOSURE LEVELS

(51) International classification	:A61K 9/52
(31) Priority Document No	:08171712.6
(32) Priority Date	:15/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/067049
Filing Date	:14/12/2009
(87) International Publication No	:WO 2010/079047
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NOVARTIS AG

Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL Switzerland

(72)**Name of Inventor :**

1)AHLHEIM MARKUS

2)PETERSEN HOLGER

(57) Abstract :

The present invention relates to sustained release formulations comprising as active ingredient octreotide or a pharmaceutically-acceptable salt thereof and two different linear polylactide-co-glycolide polymers (PLGAs).

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3726/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PLANT DEVELOPMENT CONTROL COMPOSITION

(51) International classification	:A01N 37/18
(31) Priority Document No	:0821010.6
(32) Priority Date	:17/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002686
Filing Date	:17/11/2009
(87) International Publication No	:WO 2010/055316
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SYNGENTA PARTICIPATIONS AG

Address of Applicant :SCHWARZWALDALLEE 215, CH-4058 BASEL Switzerland

(72)Name of Inventor :

1)THOMPSON ANDREW

2)BUGG TIMOTHY

(57) Abstract :

A method of stimulating germination in plant seeds and/or releasing plant tissue or plant organs from dormancy, comprising applying to a seed, plant, plant organ or plant tissue a compound of formula (I): where: R1 is alkyl or H; R2, R3, R4 and R5 are independently selectable from H, halide, -NO2, -SO2R', -OH, -Oalkyl where R' is alkyl or aminoalkyl; and/or R1 and R5 are joined as -O(CH2)m- where m is 1, 2, 3 or 4; R6 is a substituted or non-substituted alkyl, and/or substituted or non-substituted aryl; and n is an integer of 1 to 4.

No. of Pages : 45 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2011

(21) Application No.3815/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A WIND TURBINE MAINTENANCE SYSTEM AND A METHOD OF MAINTENANCE THEREIN

(51) International classification

:B23B

(31) Priority Document No

:61/427,485

(32) Priority Date

:28/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)VESTAS WIND SYSTEMS A/S

Address of Applicant :HEDEAGER 44 8200 ARHUS N.
THAILAND

(72)Name of Inventor :

1)LIEW, ADRIAN

2)XIA, QINGHUA

3)ZHANG, TIELING

(57) Abstract :

The present invention relates to a wind turbine maintenance system and a method of maintenance therein. A wind turbine maintenance system is provided, for carrying out a maintenance task in a nacelle of a wind turbine, comprising a maintenance robot, further comprising a detection unit, for identifying a fault in a sub-system in the nacelle and generating fault information, a processor unit, adapted to receive fault information from the detection unit and control the maintenance robot to perform a maintenance task, a manipulation arm to perform the maintenance task on the identified sub-system. In another aspect, a method of carrying out a maintenance task in a wind turbine is provided.

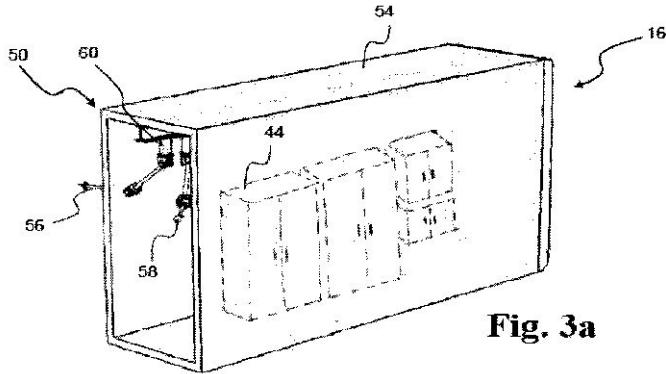


Fig. 3a

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2011

(21) Application No.3329/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ORAL VACCINES FOR PRODUCING MUCOSAL IMMUNITY

(51) International classification	:C12N
(31) Priority Document No	:61/195,631
(32) Priority Date	:08/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/007232
Filing Date	:07/10/2009
(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)IMMUNE SOLUTIONS LIMITED

Address of Applicant :Centre For Innovation 87 St. David Street University Of Otago Dunedin 9054 NEW ZEALAND

(72)**Name of Inventor :**

1)ALDWELL Frank E.

2)BEAGLEY Kenneth W.

(57) Abstract :

Embodiments of this invention include lipid-based immunogenic compositions (adjuvants or carriers) useful for oral or gastrointestinal administration for improving mucosal immune responses in animals vaccinated for a variety of bacterial infections. In certain embodiments, lipid compositions of this invention include a mixture of fatty acids having different chain lengths, thereby providing desired physico-chemical properties. When a bacterial antigen is mixed with a lipid-based adjuvant or carrier, the resulting composition elicits improved mucosal immune responses and thereby decreases infections and sequelae of disease caused by Chlamydia or Helicobacter.

No. of Pages : 61 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3407/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LUBRICATING OILCOMPOSITION FOR LUBRICATING AUTOMOTIVE ENGINES

(51) International classification	:B65B	(71) Name of Applicant :
(31) Priority Document No	:2010-265479	1)CHEVRON JAPAN LTD.
(32) Priority Date	:29/11/2010	Address of Applicant :MITSUI ASAHI BUILDING, 10TH FLOOR, 1, KANDA, SUDA-CHO, CHIYODA-KU, TOKYO 101-0041, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)ANDOH, HIROKI
(87) International Publication No	:NA	2)NAKAZATO, MORIKUNI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A lubricating oil composition of SAE viscosity grade 0W20 which comprises a base oil and additive components comprising a nitrogen-containing ashless dispersant, an alkaline earth metal-containing detergent, a phosphorus-containing wear inhibitor, an oxidation inhibitor and a viscosity index improver and which shows a viscosity index of 200-240, a HTHS viscosity of not less than 2.9 mPas s at 150°C and a Noack evaporation loss of not more than 13% favorably gives a high fuel economy and high wear inhibition to a four cycle gasoline engine of motorcycles and a diesel engine mounted on motor cars equipped with an exhaust gas post-processing apparatus.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.3408/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING AND CONTROLLING THE MANUFACTURING OF PARTS FOR A WIND POWER PLANT

(51) International classification	:B29C 70/54
(31) Priority Document No	:PA 2008 01566
(32) Priority Date	:12/11/2008
(33) Name of priority country	:Denmark
(86) International Application No Filing Date	:PCT/EP2009/064992 :11/11/2009
(87) International Publication No	:WO 2010/055059
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LM GLASFIBER A/S

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THAILAND

(72)Name of Inventor :

1)B'RSTING, DENNIS ANDRE

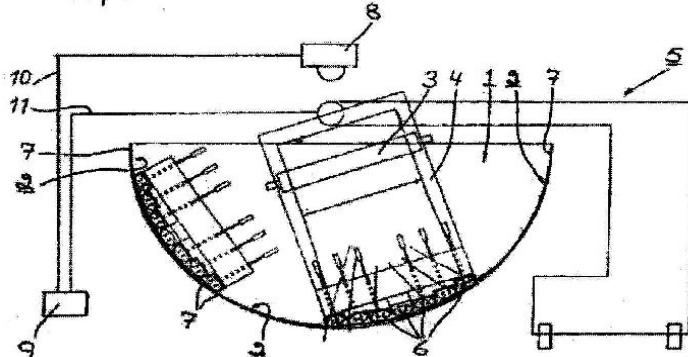
2)ZHOU, QINYIN

3)VAN DER ZEE, JACOBUS, JOHANNES

(57) Abstract :

A method for monitoring and controlling that a plurality of layers (2) of material comprising fibre for the manufacturing of a part are located correctly in a mould (1) for said part and/or correctly relative to each other in said mould, comprises determining the position in the mould of each marking (7) on each layer (2) of fibre material and/or the positions of the markings on different layers of fibre material relative to each other, comparing the determined position in the mould (1) of each marking (7) on each layer (2) of fibre material and/or the positions of the markings on said different layers of fibre material relative to each other with predetermined reference positions for said markings for the part to be manufactured, and performing correction of the position of that or those layers (2) of fibre material for which the determined positions for the markings (7) thereon and the predetermined reference positions for said markings do not correspond with each other. A system comprises means for carrying through said method.

Fig.1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.3495/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LYOPHILIZED RECOMBINANT VWF FORMULATIONS

(51) International classification

:C07C

(31) Priority Document No

:61/107,273

(32) Priority Date

:21/10/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US09/061470

Filing Date

:21/10/2009

(87) International Publication No

:WO 2010/048275

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BAXTER INTERNATIONAL INC.,

Address of Applicant :ONE BAXTER PARKWAY,
DEERFIELD, IL 60015-4633, U.S.A.

2)BAXTER HEALTHCARE S.A.

(72)Name of Inventor :

1)KURT SCHNECKER

2)EVA HAIDWEGER

3)PETER TURECEK

(57) Abstract :

The present invention provides long-term stable pharmaceutical formulations of lyophilized recombinant von-Willebrand Factor (rVWF) and methods for making and administering said formulations.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3822/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : 3D MOTION PICTURE PROCESSING DEVICE

(51) International classification	:G01B
(31) Priority Document No	:11 151 157.2
(32) Priority Date	:17/01/2011
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 108-0075, Japan

(72)Name of Inventor :

1)MICHAEL ENENKL

2)RALF MLLER

(57) Abstract :

The present invention relates to a 3D picture processing device comprising an input unit for receiving a video signal, an output unit for providing a video signal for a 2D display device, preferably a TV set, and a 3D shutter glasses driver unit for generating a driving signal to control 3D shutter glasses. A delay compensation unit is coupled to the driver unit and adapted to compensate for the processing delay present in the display device, preferably the TV set. (Fig. 1)

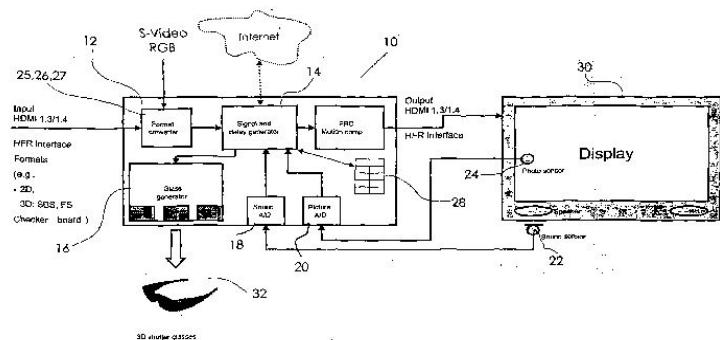


FIG. 1

No. of Pages : 24 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : ADVANCED MATERIALS AND DESIGN FOR LOW TEMPERATURE SOFCS

(51) International classification	:H01M 8/12
(31) Priority Document No	:61/105,294
(32) Priority Date	:14/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/060643
Filing Date	:14/10/2009
(87) International Publication No	:WO 2010/045329
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC

Address of Applicant :223 GRINTER HALL, GAINSVILLE, FL 32611, U.S.A.

(72)**Name of Inventor :**

**1)WACHSMAN, ERICC, D.
2)YOON, HEESUNG
3)LEE, KANG-TAEK
4)CHAMARATTA, MATTHEW
5)AHN, JIN SOO**

(57) Abstract :

Embodiments of the invention are directed to SOFC with a multilayer structure comprising a porous ceramic cathode, optionally a cathodic triple phase boundary layer, a bilayer electrolyte comprising a cerium oxide comprising layer and a bismuth oxide comprising layer, an anion functional layer, and a porous ceramic anode with electrical interconnects, wherein the SOFC displays a very high power density at temperatures below 700 °C with hydrogen or hydrocarbon fuels. The low temperature conversion of chemical energy to electrical energy allows the fabrication of the fuel cells using stainless steel or other metal alloys rather than ceramic conductive oxides as the interconnects.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3566/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STABILIZED MICROBICIDAL COMPOSITION

(51) International classification

:A61K

(31) Priority Document No

:61/427,229

(32) Priority Date

:27/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ROHM AND HAAS COMPANY

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

2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor :

1)THOMAS KOEHLER

2)PIERRE M. LENOIR

(57) Abstract :

A microbicidal composition having at least four components. The first component is 2-25 wt% of 2,2-dibromo-3-nitrilopropionamide. The second component is 2-30 wt% water. The third component is 5-30 wt% of an aliphatic compound having 2-6 hydroxyl groups. The fourth component is 20-70 wt% of a glycol solvent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3567/DELNP/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:A61P 3/00
(31) Priority Document No	:61/115,987
(32) Priority Date	:19/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/064738 :17/11/2009
(87) International Publication No	:WO 2010/059602
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCHERING CORPORATION

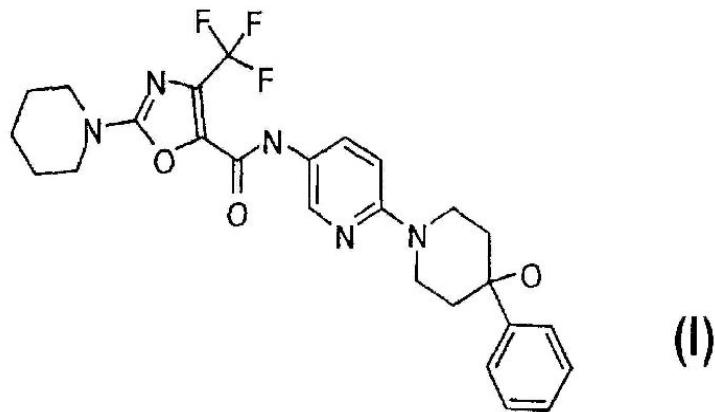
Address of Applicant :2000 GALLOPING HILL ROAD,
KENILWORTH, NEW JERSEY 07033-0530, U.S.A.

(72)Name of Inventor :

- 1)TING, PAULINE, C.**
- 2)ASLANIAN, ROBERT, G.**
- 3)CAPLEN, MARY ANN**
- 4)CAO, JIANHUA**
- 5)CHAN, TIN-YAU**
- 6)KIM, DAVID, WON-SHIK**
- 7)KIM, HYUNJIN**
- 8)KIM, JAE-HUN**
- 9)KUANG, RONGZE**
- 10)LEE, JOE, F.**
- 11)SCHWERDT, JOHN, H.**
- 12)WU, HEPING**
- 13>ZORN, NICOLAS**

(57) Abstract :

The present invention relates to novel heterocyclic compounds as diacylglycerol acyltransferase (DGAT) inhibitors, pharmaceutical compositions comprising the heterocyclic compounds and the use of the compounds for treating or preventing a cardiovascular disease, a metabolic disorder, obesity or an obesity-related disorder, diabetes, dyslipidemia, a diabetic complication, impaired glucose tolerance or impaired fasting glucose. An illustrative compound of the invention is shown below: formula (I).



No. of Pages : 235 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3828/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MULTI-MODE VOLTAGE REGULATION WITH FEEDBACK

(51) International classification	:G05C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTEL CORPORATION

Address of Applicant :2200 MISSION COLLEGE BLVD.,
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(72)Name of Inventor :

1)MUTHUKARUPPAN, RAMNARAYANAN

2)AGASHE, PRADYUMNA

3)KADALI, UDAY BHASKAR

4)MADUGONDA, JNANESHWAR

(57) Abstract :

Methods and systems to regulate a voltage with multiple selectable voltage regulator (VR) modes, using multiple corresponding circuits and/or a configurable circuit. The circuit may be configurable for one or more of a power-gate VR mode, a switched-capacitor VR (SCVR) mode, and a linear mode, such as a low drop-out (LDO) VR mode. A feedback controller, such as a proportional-integral-derivative (PID) controller, may configure and/or control a multi-mode VR for a selected VR mode. The feedback controller may select a VR mode based on a reference voltage and voltage ranges associated with the VR modes. The circuit may be configurable as banks of VRs, and the controller may be implemented to transition between VR modes by switching sub-banks between modes until the transition is complete.

No. of Pages : 46 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3829/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ONLINE EDUCATION SOFTWARE

(51) International classification	:G05C
(31) Priority Document No	:2011900062
(32) Priority Date	:11/01/2011
(33) Name of priority country	:Australia
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition 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 :LEVEL 1, 12 O'CONNELL STREET,
SYDNEY 2000, NEW SOUTH WALES, AUSTRALIA

(72)Name of Inventor :

1)GOUGOUSIS, KANELLA

2)McNAMARA, MICHELLE

3)SABBAGH-JAFARI, SEYED MOJTABA

(57) Abstract :

The invention relates to a method of educating a user about the use of a website. The method includes the step of obtaining interactive web content from the website, and displaying the interactive web content to the user, along with information educating the user about how to interact with the website. The method then further includes receiving user input for a user interaction with the web content. The user interaction is assessed, to determine if it is in accordance with the information presented to the user. If so, the interaction is transmitted to the website. The present invention has particular application to social networking websites, and educating a user about behavioral and ethical issues associated with social networking online.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3708/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PRIMING OF AN IMMUNE RESPONSE

(51) International classification	:A61K 39/00
(31) Priority Document No	:PA 2008 01638
(32) Priority Date	:21/11/2008
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2009/050310
Filing Date	:20/11/2009
(87) International Publication No	:WO 2010/057501
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNIVERSITY OF COPENHAGEN

Address of Applicant :N~RREGADE 10, P.O BOX 2177, DK-1017 COPENHAGEN K. THAILAND

(72)Name of Inventor :

1)HOLST, PETER JOHANNES

2)THOMSEN, ALLAN RANDRUP

3)CHRISTENSEN, JAN PRAVSGAARD

4)GRUJIC, MIRJANA

(57) Abstract :

The present invention relates to a technology and method of priming of an Immune response using invariant chain linked antigen, when these are used to prime a subsequent booster immunization using any suitable vacci

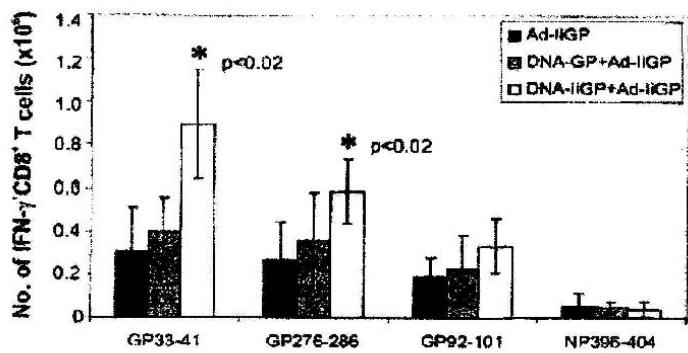


Figure 1

No. of Pages : 105 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2011

(21) Application No.3805/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PESTIVIRUS REPLICASE -BASED SELF-REPLICATING RNA-REPLICON VECTOR FOR HETEROLOGOUS GENE EXPRESSION IN MAMMALIAN CELLS

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURE RESEARCH
(32) Priority Date	:NA	Address of Applicant :INDIAN COUNCIL OF
(33) Name of priority country	:NA	AGRICULTURE RESEARCH, KRISHI BHAWAN, DR.
(86) International Application No	:NA	RAJENDRA PRASAD ROAD, NEW DELHI - 110001, INDIA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)DR. PRAVEEN K GUPTA
(61) Patent of Addition to Application Number	:NA	2)DR. CHHABI LAL PATEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates with the identification of sequence elements of Pestivirus useful for developing a Pestivirus replicase-based RNA-relicon which can replicate itself and produce large number of copies of RNA transcripts (52 times more copies than other conventional expression vectors). The expression vector developed utilizing these sequence elements can be used for high level expression of heterologous gene in transfected mammalian cells. The developed expression vector has been used to express small protein (26.9 kDa, green fluorescent protein) as well as large protein (116.4 kDa, -galactosidase protein). Similarly, other heterologous genes can be inserted into multiple cloning sites and analysed for protein expression in transfected mammalian cells.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2011

(21) Application No.3805/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : COMPOSITIONS FOR USE IN LOW-BIRTH WEIGHT INFANTS

(51) International classification	:A23L 1/30
(31) Priority Document No	:08170806.7
(32) Priority Date	:05/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/065634
Filing Date	:23/11/2009
(87) International Publication No	:WO 2010/063601
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NESTEC S.A.

Address of Applicant :AVENUE NESTLE 55, CH-1800
VEVEY, SWITZERLAND

(72)**Name of Inventor :**

- 1)DARMAUN, DOMINIQUE**
- 2)FICHOT, MARIE-CLAIREE**
- 3)PILOQUET, HUGUES**
- 4)ROCHAT, FLORENCE**
- 5)ROUGE, CAROLE**
- 6)ROZE, JEAN-CHRISTOPHE**

(57) Abstract :

The present invention relates to compositions for use in low-birth weight infants. In particular, the compositions are probiotic compositions which are used for achieving full enteral feeding in low birth weight infants. The invention is also concerned with the use of specific probiotics in the manufacture of low-birth weight infant formulations.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2011

(21) Application No.3806/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A NOVEL FOOT AND MOUTH DISEASE VIRUS ASIA 1 (INDIAN VACCINE STRAIN) REPLICON BASED VIRAL VECTOR FOR VACCINE RESEARCH AND DEVELOPMENT.

(51) International classification	:A61K	(71) Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant :INDIAN COUNCIL OF AGRICULTURAL RESEARCH, KRISHI BHAWAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110001 INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)DR. VELUVARTI VENKATA SANYASI SURYANARAYANA
(87) International Publication No	:N	2)DR. SHANMUGAM CHANDRA SEKAR
(61) Patent of Addition to Application Number Filing Date	:NA	3)DR. THIYAGARAJAN SARAVANAN
(62) Divisional to Application Number Filing Date	:NA	4)DR. CHOKKALINGAM ASHOK KUMAR
	:NA	5)DR. GOLLA RAMALINGA READY
	:NA	6)DR. HOSUR JOYAPPA DECHAMMA

(57) Abstract :

The invention deals with the development of a novel plasmid comprising replication competent cDNA copy of a Foot and mouth disease virus serotype Asia 1 (Indian Vaccine Strain Asia 1 63/72). This acts as a vector for easy selection of vaccine strains by inserting structural protein genes of identified field isolate to be developed as vaccine virus. For easy insertion of capsid protein genes a restriction site (Bam H1) was introduced into the vector. The vector can be used for development of tailor made vaccines which include insertion of desired marker epitopes., development of dual vaccines or vaccines for human diseases. Functionality of the vector was tested using GFP epitope and structural protein genes of serotype'O'. The vector may be used for the development of DISC viruses or genetically modified attenuated FMDV or in the molecular studies for understanding the role of various proteins of the virus.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2011

(21) Application No.3893/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ONLINE AND DISTRIBUTED OPTIMIZATION FRAMEWORK FOR WIRELESS ANALYTICS

(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

(71)**Name of Applicant :**

**1)INTERNATIONAL BUSINESS MACHINES
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Address of Applicant :NEW ORCHARD ROAD, ARMONK,
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(72)**Name of Inventor :**

**1)NARANG Ankur
2)GARG Vikas Kumar
3)KALYANARAMAN Shivkumar**

(57) Abstract :

A method computer program product and computer system directed to an online and distributed optimization framework for wireless analytics. A radio network controller determines a ranking for each of a plurality of received objects using a plurality of similarity graphs. The radio network controller extracts a common structure by collaborative filtering data associated with a plurality of user devices and the plurality of received objects. The common structure is analyzed to infer usage patterns within a time slot. The radio network controller stores a subset of the ranked objects of the plurality of received objects in response to the analysis.

No. of Pages : 25 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2011

(21) Application No.3817/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CONDUIT FOR TURBOMACHINE AND METHOD

(51) International classification :B23B
(31) Priority Document No :MI2010A002467
(32) Priority Date :30/12/2010
(33) Name of priority country :Italy
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NUOVO PIGNONE S.p.A.

Address of Applicant :VIA FELICE MATTEUCCI, 250127
FLORENCE, ITALY

(72)Name of Inventor :

1)MARIOTTI, MASSIMILIANO

2)MEI, LUCIANO

3)GIACHETTI, SILVIO

(57) Abstract :

A turbomachine includes a compressor (102) having a cartridge (114) that is configured to slide in and out of an external casing (112). The turbomachine further includes an electrical motor (104) having a motor shaft (108) configured to be connected to the compressor shaft (106). A conduit (124, 212) is configured to extend through the statoric part (126) of the compressor or the motor, from a first magnetic bearing to the second magnetic bearing. The conduit includes conduit electrical cables (132) provided inside the conduit (124, 212) and extending from a first end (124a) of the conduit (124) to a second end (124b) of the conduit (124); and electrical cables (125, 151) connecting one of the first and second magnetic bearings to an external connector (130) via the conduit electrical cables (132) of the conduit (124).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2011

(21) Application No.3817/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HUMAN EBOLA VIRUS SPECIES AND COMPOSITIONS AND METHODS THEREOF

(51) International classification

:C12N

(31) Priority Document No

:61/108,175

(32) Priority Date

:24/10/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2009/062079

Filing Date

:26/10/2009

(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

(71)Name of Applicant :

1)THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY DEPARTMENT OF HEALTH & HUMAN SERVICES CENTER FOR DISEASE CONTROL AND PREVENTION

Address of Applicant :Technology Transfer Office 4770 Buford Highway MS K79 Atlanta GA 30341 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)TOWNER Jonathan S.
2)NICHOL Stuart T.
3)COMER James A.
4)KSIAZEK Thomas G.
5)ROLLIN Pierre E.**

(57) Abstract :

Compositions and methods including and related to the Ebola Bundibugyo virus (EboBun) are provided. Compositions are provided that are operable as immunogens to elicit an immune response or protection from EboBun challenge in a subject such as a primate. Inventive methods are directed to detection and treatment of EboBun infection.

No. of Pages : 172 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2011

(21) Application No.3818/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OPHTHALMIC ADMINISTRATION OF A COMPOSITION INCLUDING BRIMONIDINE AS A MIST

(51) International classification	:A01K
(31) Priority Document No	:61/107,039
(32) Priority Date	:21/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/054656
Filing Date	:21/10/2009
(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)PHARMA LIGHT INC.

Address of Applicant :2711 Centerville Road Suite 400
County of New Castle Wilmington Delaware 19808 U.S.A.

(72)**Name of Inventor :**

1)FEKE Gilbert T.

2)KOEVARY Steven B.

3)GROSS Yossi

(57) Abstract :

Disclosed are methods of treatment including administration of a pharmaceutical composition including brimonidine to an eye as a mist, the composition devoid of a penetration enhancer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3921/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PLASTIC DRAIN OR INSPECTION CHAMBER PORTION WITH HOLLOW-WALLED CIRCUMFERENTIAL WALL, AS WELL AS MOULD ASSEMBLY FOR THEREOF

(51) International classification	:E03F 5/02	(71) Name of Applicant :
(31) Priority Document No	:1036127	1)WAVIN B.V.
(32) Priority Date	:29/10/2008	Address of Applicant :STATIONSPLEIN 3, NL-8011 CW ZWOLLE, NETHERLANDS
(33) Name of priority country	:Netherlands	(72) Name of Inventor :
(86) International Application No	:PCT/IB2009/056038	1)VAN DIJK, BEREND JAN
Filing Date	:29/10/2009	2)JAGER, HARM JANTINUS MARCEL
(87) International Publication No	:WO 2010/049920	3)BRUMMER, GUNTER BERNHARD
(61) Patent of Addition to Application Number	:NA	4)ELZINK, WILLEM JOHAN
Filing Date	:NA	5)MADSEN, FREDE
(62) Divisional to Application Number	:NA	6)ALFERINK, FRANCISCUS JOHANNES MARIA
Filing Date	:NA	

(57) Abstract :

The invention -relates to a drain or a portion of an inspection chamber, and a mould assembly for manufacturing thereof. The drain or the inspection chamber portion comprises a plastic circumferential wall, which circumferential wall, in the case of the drain, is preferably provided with openings for connection of the drain to one or more pipes. The drain or the inspection chamber portion can be manufactured by rotation moulding. The circumferential wall comprises a hollow-walled section provided with an internal wall and an external wall, wherein the internal wall and the external wall are locally abutted against each other for formation of reinforcements. These reinforcements are arranged such that they jointly span the entire hollow-walled section, seen in circumferential direction, yet without forming therewith one continuous abutment between the internal wall and the external wall.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3923/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RNA INTERFERENCE MEDIATED INHIBITION OF EPITHELIAL SODIUM CHANNEL (ENAC)
GENE EXPRESSION USING SHORT INTERFERING NUCLEIC ACID (SINA)

(51) International classification	:C12N
(31) Priority Document No	:61/118,144
(32) Priority Date	:26/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/064994 :18/11/2009
(87) International Publication No	:WO 2010/062817
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)SCHERING CORPORATION

Address of Applicant :2000 GALLOPING HILL ROAD,
KENILWORTH, NEW JERSEY 07033, U.S.A.

(72)Name of Inventor :

1)PICKERING, VICTORIA

2)STRAPPS, WALTER

(57) Abstract :

The present invention relates to compounds, compositions, and methods for the study, diagnosis, and treatment of traits, diseases and conditions that respond to the modulation of ENaC gene expression and/or activity, and/or modulate a ENaC gene expression pathway. Specifically, the invention relates to double-stranded nucleic acid molecules including small nucleic acid molecules, such as short interfering nucleic acid (siNA), short interfering RNA (siRNA), double-stranded RNA (dsRNA), micro-RNA (miRNA), and short hairpin RNA (shRNA) molecules that are capable of mediating or that mediate RNA interference (RNAi) against ENaC gene expression.

No. of Pages : 448 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.3750/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DISPLAY AND ELECTRONIC UNIT

(51) International classification	:G11C	(71) Name of Applicant :
(31) Priority Document No	:P2011-010407	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, Japan
(32) Priority Date	:21/01/2011	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KOJI MASAKI
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A display capable of inhibiting deformation of a component during transport or the like and an electronic unit including the display are provided. A display includes: a main section; and a board-mounting plate disposed on one surface of the main section and having a board-mounting region on a main surface on a side opposite to a side facing the main section, in which the board-mounting plate includes, at corners at both ends of a side of the mounting region, hook sections allowing comers, of a board to be hooked thereto, and the hook sections each are fixed to the main surface on two sides of the corner of the mounting region.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3841/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LINEAR ACTUATOR AND METHOD OF OPERATION THEREOF

(51) International classification

:B03C

(31) Priority Document No

:12/983042

(32) Priority Date

:31/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

A linear actuator is disclosed. The linear actuator includes a housing, a linear output member, and a rotary lock assembly. The linear output member includes a radial groove and is axially movable from a retracted position within the housing. The rotary lock assembly is constrained from axial motion within the housing and includes a rotor and a lock. The rotor is capable of rotation from a first to a second position. When the linear output member is in the retracted position, the rotor surrounds the radial groove. When the rotor rotates to the first position, the lock engages the radial groove and prevents axial motion of the output member from the retracted position.

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

(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)KOPECEK, JOSEPH THOMAS

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3842/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOTOR COMPRESSOR SYSTEM AND METHOD

(51) International classification	:B03C
(31) Priority Document No	:MI2010A002466
(32) Priority Date	:30/12/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NUOVO PIGNONE S.p.A.

Address of Applicant :VIA FELICE MATTEUCCI 2
FIRENZE, FLORENCE 50127 (IT) Italy

(72)**Name of Inventor :**

1)GIACHETTI, SILVIO

(57) Abstract :

A motor compressor system in which the motor is configured to activate the compressor. The system includes a common casing; a motor cartridge housing a motor, the motor cartridge detachably provided inside the common casing; and a compressor cartridge housing a compressor detachably connected to the motor, the compressor cartridge detachably provided inside the common casing.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3946/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ABSORBENT ARTICLE WITH DISPOSAL WRAPPER

(51) International classification	:A61F 13/551
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2008/051482
Filing Date	:17/12/2009
(87) International Publication No	:WO 2010/071512
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCA HYGIENE PRODUCTS AB

Address of Applicant :S-405 03 GOTEborg, SWEDEN

(72)Name of Inventor :

1)SOLGUN DREVIK

2)DENNIS DAHL

3)FREDRIK KARLSSON

(57) Abstract :

The invention provides a kit comprising an absorbent article and a wrapper for said absorbent article. The wrapper is defined by a boundary. The wrapper comprises at least one slit which partitions said wrapper to define a strip thereof, said strip being arranged such that the absorbent article may be rolled and/or folded within the wrapper and retained in a rolled and/or folded configuration by means of said strip. The invention also provides a method for disposal of an absorbent article.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3947/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEVICES AND METHODS FOR MICROREACTOR FLUID DISTRIBUTION

(51) International classification

:C07C 17/23

(31) Priority Document No

:08305873.5

(32) Priority Date

:28/11/2008

(33) Name of priority country

:EUROPEAN UNION

(86) International Application No

:PCT/US2009/065650

Filing Date

:24/11/2009

(87) International Publication No

:WO 2010/062882

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, U.S.A.

(72)Name of Inventor :

1)MIKHAIL SERGEEVICH CHIVILIKHIN

2)SYLVAIN MAXIME F GREMETZ

3)ROLAND GUIDAT

4)ELENA DANIELA LAVRIC

5)OLIVIER LOBET

6)PIERRE WOEHL

(57) Abstract :

A microreactor (10) includes a plurality of interconnected microstructures (14, 50, 40) arranged in m process units (102) with the process units (102) configured to be operable together in parallel. Each of the m process units (102) has a number n of respective process fluid inlets (104), wherein a number y of the n respective process fluid inlets (104) are connected individually to respective non-manifolded fluid pumps (20A, 20B, 20C, 20D; 22A, 22B, 22C, 22D; 24A, 24B, 24C, 24D), and wherein a number n minus y of the n respective process fluid inlets (104) are connected to a respective manifolded fluid pump (20, 22, 24, 26, 28, 30) via a manifold (80), wherein y is an integer from 1 to n-1 inclusive.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.3531/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ANTIBODY FORMULATION

(51) International classification	:C07K 16/24
(31) Priority Document No	:08170884.4
(32) Priority Date	:10/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/066675
Filing Date	:09/12/2009
(87) International Publication No	:WO 2010/066762
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL SWITZERLAND

(72)Name of Inventor :

1)MOMM JOACHIM

2)WALLNY HANS-JOACHIM

(57) Abstract :

The present invention relates to pharmaceutical formulations, in particular novel pharmaceutical formulations in which the active ingredient comprises human antibodies to human interleukin I beta (IL- 1(3), in particular ACZ885 antibody, pharmaceutical formulations which are stable and aggregate-free upon storage and delivery.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3710/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A PROCESS FOR BIOETHANOL PRODUCTION BY IMMOBILIZED STRESS TOLERANT MICROORGANISM

(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)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(ICAR)**

Address of Applicant :KRISHI BHAWAN, DR. RAJENDRA
PRASAD ROAD, NEW DELHI-110001, INDIA

(72)Name of Inventor :

**1)DAHIYA, MINAKSHI
2)VIJ SHILPA**

(57) Abstract :

The invention relates to a high yield fermentation process for the production of ethanol. More particularly, the said fermentation process employs immobilized stress tolerant fermenting organism which utilizes by-product of a dairy industry as the raw material for the production of ethanol. The said stress tolerant fermenting microorganism possesses the property of being thermotolerant, sugartolerant and ethanoltolerant.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3710/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MODIFIED CYANOBACTERIA FOR PRODUCING TRIGLYCERIDES

(51) International classification	:C12N 1/20
(31) Priority Document No	:61/107,979
(32) Priority Date	:23/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061936
Filing Date	:23/10/2009
(87) International Publication No	:WO 2010/048568
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TARGETED GROWTH, INC.

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SUITE 300, SEATTLE, WASHINGTON 98102, U.S.A.

(72)Name of Inventor :

- 1)ROBERTS, JAMES
- 2)CROSS, FRED
- 3)WARRENER, PAUL
- 4)MUNOZ, ERNESTO, JAVIER
- 5)LEE, MARTIN, HENRY
- 6)ROMARI, KHADIDJA
- 7)KOTOVIC, KIMBERLY, MARIE
- 8)HICKMAN, JASON, W.

(57) Abstract :

This disclosure describes genetically modified photosynthetic microorganisms, including Cyanobacteria, that contain one or more exogenous genes encoding a diacylglycerol acyltransferase, a phosphatidate phosphatase, and/or an acetyl-CoA carboxylase, and which are capable of producing increased amounts of fatty acids and/or synthesizing triglycerides.

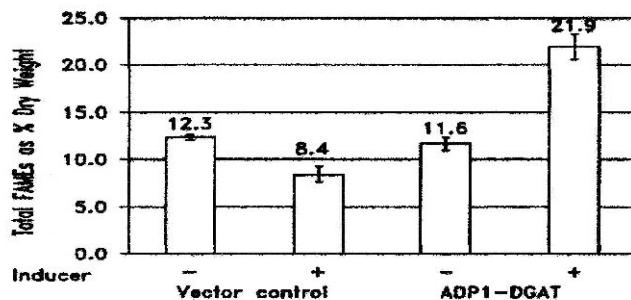


FIG. 1

No. of Pages : 131 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.3789/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN HERBAL HEALING CREAM FORMULATION FOR CRACKED HEELS.

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

(71)Name of Applicant :

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Address of Applicant :AMITY UNIVERSITY CAMPUS,
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(72)Name of Inventor :

1)DEVI DATT JOSHI

2)MANISH KANT PANT

3)HARSHA KHARKWAL

(57) Abstract :

The present invention relates to a novel herbal formulation for treatment and prevention of cracked heels and palms comprising aqueous extract of Bombyx mori leaves, aerial parts of Achyranthes aspera, and Centella asiatica mixed with Bee wax and Aloe vera gel. The Bombyx mori extract, which comprises carbohydrates and glycosides, Centella asiatica terpenoidal saponins and free alpha-hydroxy acids, while alkaloids with saponins from Achyranthes aspera provide a synergistic healing touch to the cracked heels, especially at an elderly stage.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3957/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYNTHESIS OF SUBSTITUTED TETRAHYDROINDENYL COMPLEXES

(51) International classification	:C07F 7/08
(31) Priority Document No	:PCT/RU2008/000814
(32) Priority Date	:30/12/2008
(33) Name of priority country	:Russia
(86) International Application No	:PCT/EP2009/067161
Filing Date	:15/12/2009
(87) International Publication No	:WO 2010/076188
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TOTAL PETROCHEMICALS RESEARCH FELUY
Address of Applicant :ZONE INDUSTRIELLE C, B-7181
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(72)**Name of Inventor :**

1)VOSKOBONYIKOV, ALEXANDER, Z.
2)IZMER, VYATCHESLAV, V.
3)KONONOVICH, DMITRY, S.
4)RAZAVI, ABBAS

(57) Abstract :

This invention relates to the synthesis of substituted tetrahydroindenyls and the use of the synthesised complexes in the homo- and co-polymerisation of ethylene and alpha-olefins.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3958/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STEEL SHEET, SURFACE-TREATED STEEL SHEET, AND METHODS FOR THEIR MANUFACTURE

(51) International classification	:C22C 38/00	(71) Name of Applicant :
(31) Priority Document No	:2008-295897	1)SUMITOMO METAL INDUSTRIES, LTD.
(32) Priority Date	:19/11/2008	Address of Applicant :5-33, KITAHAMA 4-CHOME CHUO-KU, OSAKA-SHI OSAKA 541-0041 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2009/069464	1)HAYASHI, KOUTAROU
Filing Date	:17/11/2009	2)MIZUKAMI, HIDEO
(87) International Publication No	:WO 2010/058762	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A high-strength steel sheet having a tensile strength of at least 590 MPa and excellent bending properties has a chemical composition containing C: 0.03 -0.20 %, Si: 0.005 - 2.0 %, Mn: 1.2 - 3.5 %, P ≤ 0.1 %, S: ≤ 0.01 %, sol. Al: 0.001 -1.0 %, N: ≤ 0.01 %, and Bi: 0.0001 - 0.05 %, optionally Ti: ≤ 0.3 %, Nb: ≤ 0.3 %, V: ≤ 0.3 %, Cr: ≤ 1 %, Mo: ≤ 1 %, Cu: ≤ 1 %, Ni: ≤ 1 %, Ca: ≤ 0.01 %, Mg: ≤ 0.01 %, REM: ≤ 0.01 %, Zr: ≤ 0.01 %, and B: ≤ 0.01 %, wherein the Mn segregation ratio (Mnmax/Mnav) calculated from the average Mn concentration (Mnav) and the maximum Mn concentration (Mnmax) at a depth of 1/20 of the sheet thickness from the surface of the steel sheet is less than 1.30.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3682/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A RING SEGMENT POSITIONING MEMBER

(51) International classification	:F01D 9/04
(31) Priority Document No	:0857904
(32) Priority Date	:21/11/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FP2009/052235
Filing Date	:20/11/2009
(87) International Publication No	:WO 2010/058137
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TURBOMECA

Address of Applicant :B.P.2, 64510 BORDES, FRANCE

(72)Name of Inventor :

1)JEAN-BAPTISTE ARILLA

2)DENIS CHANTELOUP

3)YVAN LAMEIGNERE

(57) Abstract :

The present invention relates to a positioning member (10) for presenting a ring segment for a turbine wheel mounted to rotate about an axis inside a casing. The invention is characterized in that the member presents: a fastener portion (20) for fastening to the casing; a resilient portion (24, 26, 28) forming a spring; and a bearing portion (30, 32) connected to the resilient portion and serving to bear axially against the ring segment in such a manner that when said member is mounted the ring segment is pressed axially against a portion of the casing by the positioning member.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3685/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VEHICLE SEAT, IN PARTICULAR MOTOR VEHICLE SEAT

(51) International classification	:B60N 2/02
(31) Priority Document No	:10 2008 062 092.0
(32) Priority Date	:10/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/007851
Filing Date	:03/11/2009
(87) International Publication No	:WO 2010/066320
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KEIPER GMBH & CO.KG

Address of Applicant :HERTELSBRUNNENRING 2, 67657 KAISERSLAUTERN, Germany

(72)Name of Inventor :

1)NORBERT HEEG

2)ANDREAS DIEHL

3)JENS SCHULZ

(57) Abstract :

A vehicle seat, in particular a motor vehicle seat, having a plurality of apparatuses (11) of on adjusting and/or locking at least one seat component of the vehicle seat (1), with each apparatus (11) having a mechanical component (11a) and an electric drive (11b) for driving the mechanical component (11a), characterized in that each apparatus (11) has an i-module (11e) which serves at least to control the electric drive (11b) and/or to diagnose the mechanical component (11a) .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3779/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TITANIUM-CONTAINING POWDER, EXHAUST GAS TREATING CATALYST, AND METHOD FOR PRODUCING TITANIUM-CONTAINING POWDER

(51) International classification	:C07D
(31) Priority Document No	:292986/2010
(32) Priority Date	:28/12/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

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EAST TOWER, 580 HORIKAWA-CHO, SAIWAI-KU,
KAWASAK CITY, KANAGAWA 212-0013, Japan

(72)**Name of Inventor :**

1)MORIO FUKUDA

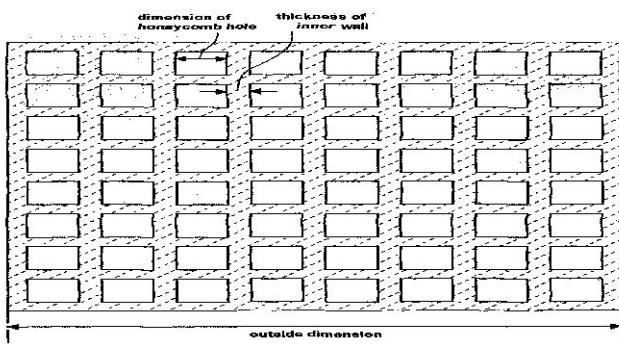
2)KENTARO ADACHI

3)TERUMASA NAKAMURA

(57) Abstract :

To provide titanium-containing powder for honeycomb exhaust gas treating catalyst that has good extruding property, has high abrasion resistance, and exhibits low decrease of specific surface area after calcining, and the like. [Means for Solution] Titanium-containing powder for a raw material of a honeycomb exhaust gas treating catalyst, contains at least one of titanium dioxide and a titanium composite oxide, that satisfies the following features: (a) the powder contains phosphorus in an amount of from 0.03 to 0.5% by mass in terms of P2O5, (b) a (101) plane of anatase type crystal has a crystallite diameter (1) in a range of from 12 to 40 nm in the case where the powder contains only titanium dioxide or (2) in a range of from 10 to 38 nm in the case where the powder contains a titanium composite oxide, and (c)the powder contains a sulfate radical in an amount of from 0.4 to 4.0% by mass. [Selected Figure]
Fig. 1

FIG. 1



No. of Pages : 65 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2011

(21) Application No.3877/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RP-HPLC STABILITY-INDICATING ASSAY

(51) International classification	:B23B	(71) Name of Applicant : 1)PUNJAB UNIVERSITY Address of Applicant :CHANDIGARH - 160 014, Punjab
(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)SINHA, VIVEK RANJAN
(87) International Publication No	:NA	2)GHAI, DHAMANJEET
(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 separation, identification and quantitative determination of a drug candidate, in particular talinolol, (l-(4-cyclohexylureidophenoxy)-2-hydroxy-3-tertbutylaminopropane), a 1 -specific adrenoceptor antagonist and its degradation products using reverse phase high performance liquid chromatographic (RP-HPLC).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3962/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHODS FOR FLUID PRESSURIZING UNITS OF INJECTION SYSTEMS

(51) International classification	:A61M 5/145
(31) Priority Document No	:12/324,087
(32) Priority Date	:26/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064668
Filing Date	:17/11/2009
(87) International Publication No	:WO 2010/062807
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ACIST MEDICAL SYSTEMS, INC.

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(72)Name of Inventor :

1)HIEB, MARTIN, G.

2)HAJICEK, DAVID, J.

3)NYSTROM, SIDNEY, D.

(57) Abstract :

Disabling a fluid pressurizing unit of a fluid injection system involves retracting a plunger shaft from a first position to a second position within a syringe of the unit, such that a plunger disengages from the plunger shaft and moves away therefrom within the syringe. The plunger shaft may include a groove and the plunger an internal tab that is configured for removable engagement with the groove of the plunger shaft when the shaft is fully inserted into the plunger.

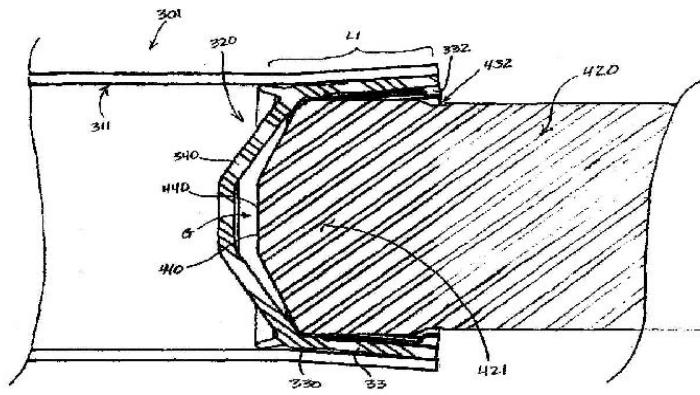


FIG. 4A

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.3847/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CAPSULE FOR THE PREPARATION OF A BEVERAGE BY CENTRIFUGATION

(51) International classification	:A47J 31/22
(31) Priority Document No	:08170559.2
(32) Priority Date	:03/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/065941
Filing Date	:27/11/2009
(87) International Publication No	:WO 2010/063644
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NESTEC S.A

Address of Applicant :AVENUE NESTLE 55, CH-1800
VEVEY, SWITZERLAND

(72)Name of Inventor :

**1)GERBAULET, ARNAUD
2)TINEMBART, JEAN-FRANCOIS
3)KAESER, THOMAS
4)DENISART, JEAN-PAUL
5)MAGRI, CARLO**

(57) Abstract :

Method for preparing a beverage, from a capsule (1) containing a substance, received in a beverage production device comprising: feeding water by an injection needle (90) while creating liquid tightness between the central inlet portion (8) and the surface of the needle and dispensing the beverage from the capsule by centrifugation through outlets in the peripheral outlet portion (9), wherein the capsule is configured in the central inlet portion to provide liquid tightness between the liquid inlet and the surface of the needle to prevent liquid from leaking outside of the capsule and wherein the capsule is configured to allow centrifuged liquid to pass through the outlets in the peripheral outlet portion (9).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.3848/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A PHASE FREQUENCY DETECTOR

(51) International classification	:H03D 13/00
(31) Priority Document No	:PI 20084711
(32) Priority Date	:21/11/2008
(33) Name of priority country	:Malaysia
(86) International Application No	:PCT/MY2009/000193
Filing Date	:16/11/2009
(87) International Publication No	:WO 2010/059032
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MIMOS BHD

Address of Applicant :TECHNOLOGY PARK, MALAYSIA,
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(72)Name of Inventor :

1)NESREEN, MAHMOUD, HAMMAM, ISMAIL

2)MOHD, SHAHIMAN, MOHD., SULAIMAN

(57) Abstract :

The present invention relates to a phase frequency detector (PFD) (100) for use as one of the blocks in a phase-locked loop. The PFD of the present invention has zero dead zone, has a simpler structure with a minimum number of transistors and requires a smaller area. The PFD of the present invention does not use any inverter or delay gate as found in the conventional PFD. Instead, the PFD of the present invention utilises feedback transistors that save power and thus the PFD of the present invention is suitable to be used in low power applications. Figure 4.

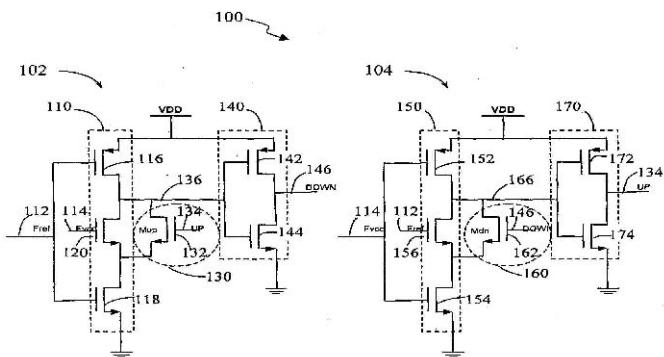


Figure 4

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3950/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PHARMACEUTICAL DISPENSER AND USE THEREOF

(51) International classification	:A61J 7/00
(31) Priority Document No	:10 2008 059 676.0
(32) Priority Date	:26/11/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/008124
Filing Date	:14/11/2009
(87) International Publication No	:WO 2010/060547
(61) 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 INTELLECTUAL PROPERTY GMBH

Address of Applicant :OF CREATIVE CAMPUS
MONHEIM, ALFRED-NOBEL-STR. 10, 40789 MONHEIM,
Germany

(72)Name of Inventor :

1)SABINE LEIFELD

2)HEIKE GRUTZMACHER

3)SAMER LEZZAIQ

4)TOM REINHOLD

(57) Abstract :

For safe storage and simple and reliable removal of tablets T by a user, a medicament dispenser 1 is created that has receiving means for an exchangeable cartridge 900 containing the medicament portions. The medicament dispenser 1 is equipped with at least one locking means for locking the cartridge 900 and with at least one means for cancelling the locking of the cartridge 900 in the medicament dispenser 1. The at least one locking means is movable in rotation. (Fig. 7)

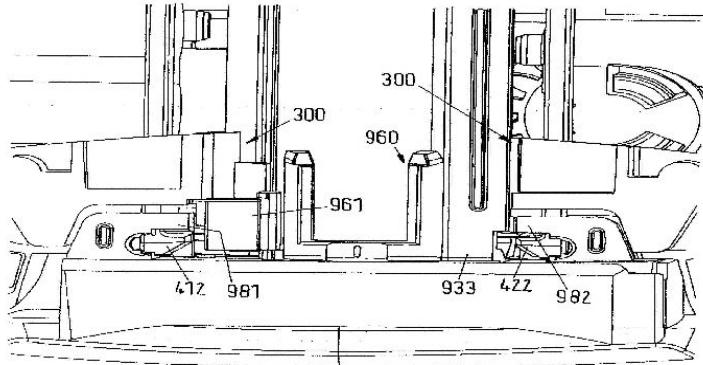


Fig.7

No. of Pages : 50 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3951/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOL-GEL-POLYMER NANOCOMPOSITE AND METHODS THEREOF

(51) International classification	:B01F 17/00
(31) Priority Document No	:08305847.9
(32) Priority Date	:26/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/US2009/064346
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/062802
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, U.S.A.

(72)**Name of Inventor :**

1)NIKITA SERGEEVICH SHELEHOV

(57) Abstract :

A nanocomposite material including organic-inorganic polymeric interpenetrating networks having a low or no-shrinkage characteristic and a method for making the composite, as defined herein.

No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3952/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEMS USING MASS FLOW PROMOTING INSERT WITH GAS PURGING AND METHODS THEREOF

(51) International classification	:C08F 6/00
(31) Priority Document No	:61/200,261
(32) Priority Date	:26/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/061816 :23/10/2009
(87) International Publication No	:WO 2010/062526
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)UNIVATION TECHNOLOGIES, LLC

Address of Applicant :5555 SAN FELIPE, SUITE 1950,
HOUSTON, TX 77056, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)WILLIAM J. BLICKLEY

2)MARK W. BLOOD

3)GLENN W. BALDWIN

(57) Abstract :

A system in one embodiment includes a barrier; an inverted cone in the barrier; and a member under the inverted cone and having dimensions that cause solids passing therealong between the member and the barrier to have about a constant velocity profile thereacross. A method for purging a gas from a solid/gas mixture according to one embodiment includes adding solids to a barrier having an inverted cone therein and a member under the inverted cone, wherein the solids passing along the member have about a constant vertical velocity profile thereacross; and injecting a purge gas into the solids from at least one point adjacent the member.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3953/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR PREPARING PERSONAL CARE COMPOSITION COMPRISING SURFACTANT AND HIGH MELTING POINT FATTY COMPOUND

(51) International classification	:A61K 8/41
(31) Priority Document No	:61/120,869
(32) Priority Date	:09/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067234
Filing Date	:09/12/2009
(87) International Publication No	:WO 2010/077704
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, OH 45202, U.S.A.

(72)**Name of Inventor :**

1)OKADA, TOSHIYUKI

2)ANADA, CHISATO

3)YOKOGI, JUNICHI

4)YANG, JIAN-ZHONG

(57) Abstract :

Disclosed is a method of preparing a personal care composition, comprising the steps: (1) preparing a hot oil phase comprising the surfactant and the high melting point fatty compound; (2) preparing a cold aqueous phase comprising the aqueous carrier; and (3) mixing the oil phase and the aqueous phase to form an emulsion; wherein the mixing step (3) comprises the following detailed steps: (3-1) feeding either of the oil phase or the aqueous phase into a high shear field having an energy density of 1.0x10² J/m³ or more; (3-2) feeding the other phase directly to the field; and (3-3) forming an emulsion. The method further requires that the surfactant is a cationic surfactant and the oil phase contains from 0 to 50% of an aqueous carrier by weight of the oil phase.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.3851/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VACCINE AGAINST AFRICAN HORSE SICKNESS VIRUS

(51) International classification	:A61K 39/00
(31) Priority Document No	:61/108,075
(32) Priority Date	:24/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061669
Filing Date	:22/10/2009
(87) International Publication No	:WO 2010/048394
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERIAL LIMITED

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2)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

3)UNIVERSITY OF PRETORIA

(72)Name of Inventor :

1)MINKE, JULES, MAARTEN

2)AUDONNET, JEAN-CHRISTOPHE

3)GUTHRIE, ALAN, JOHN

4)MACLACHLAN, NIGEL, JAMES

5)YAO, JIANSHENG

(57) Abstract :

The present invention provides vectors that contain and express in vivo the genes encoding VP2 and VPS of African Horse Sickness Virus or an epitope thereof that elicits an immune response in a horse against African horse sickness virus, compositions comprising said vectors, methods of vaccination against African horse sickness virus, and kits for use with such methods and compositions.

No. of Pages : 472 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.3853/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A FIBER TERMINAL BOX

(51) International classification	:G02B 6/44
(31) Priority Document No	:200810202060.6
(32) Priority Date	:28/10/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/IB2009/054640
Filing Date	:21/10/2009
(87) International Publication No	:WO 2010/049851
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RAYCHEM SHANGHAI CABLE ACCESSORIES LTD.

Address of Applicant :NO. 287 QING JIANG ROAD,
CAOHEJING, HI-TECH DEVELOPMENT PARK,
SHANGHAI, PEOPLES REPUBLIC OF CHINA, China

(72)Name of Inventor :

1)WANG, LIMING

(57) Abstract :

Disclosed is a fiber terminal box comprising: a panel having a front surface and a rear surface; a front cover for covering the front surface of the panel; and a case adapted to be embedded in a wall. An adapter and a fiber splicing member are mounted on the front surface of the panel, and the panel is adapted to be accommodated in the case and hence be embedded in the wall along with the case. The panel is provided with an optical cable inserting hole through which a lead-in end of an optical cable is led from the rear surface of the panel to the front surface of the panel and is connected to one end of the fiber splicing member. The panel is further provided with a fiber pigtail hole, one end of a fiber pigtail is connected to the terminal of the adapter, the other end of the fiber pigtail is led from the rear surface of the panel to the front surface of the panel through the fiber pigtail hole and is connected to the other end of the fiber splicing member. As the fiber terminal box of the present invention can be embedded in the wall along with the case, the fiber terminal box can be easily mounted and can be in harmony with other panels in house. In addition, since fiber devices, such as the adapter and the fiber splicing member, are all mounted on the front surface of the panel, the operation and management of the fibers become easier than in the prior art. [Fig. 1]

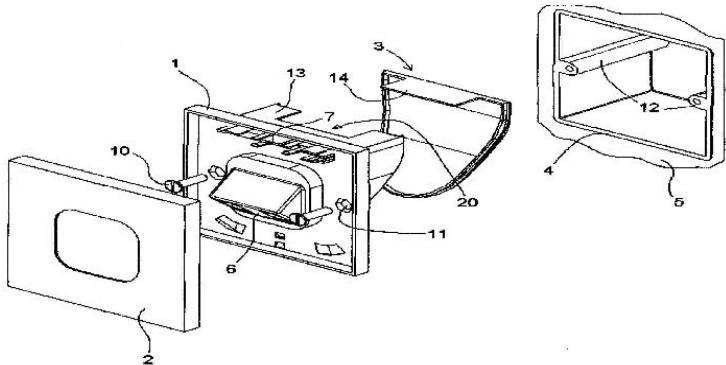


Fig. 1

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3970/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PYRIDO(4,3-B)INDOLES CONTAINING RIGID MOIETIES

(51) International classification	:A01N 43/42
(31) Priority Document No	:61/110,519
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062869
Filing Date	:30/10/2009
(87) International Publication No	:WO 2010/051501
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MEDIVATION TECHNOLOGIES, INC.

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(72)**Name of Inventor :**

1)HUNG, DAVID T.

2)PROTTER, ANDREW ASHER

3)JAIN, RAJENDRA PARASMAL

4)CHAKRAVARTY, SARVAJIT

5)GIORGETTI, MARCO

(57) Abstract :

This disclosure is directed to pyrido[4,3-b]indoles having rigid moieties. The compounds in one embodiment are pyrido[4,3-b]indoles having an unsaturated hydrocarbon moiety. The compounds in another embodiment are pyrido[4,3-b]indoles having a cycloalkyl, cycloalkenyl or heterocyclyl moiety. Pharmaceutical compositions comprising the compounds are also provided, as are methods of using the compounds in a variety of therapeutic applications, including the treatment of a cognitive disorder, psychotic disorder, neurotransmitter-mediated disorder and/or a neuronal disorder.

No. of Pages : 526 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3971/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BICYCLIC AMIDES AS KINASE INHIBITORS

(51) International classification	:C07D 403/12	(71)Name of Applicant :
(31) Priority Document No	:0420520.9	1)NOVARTIS AG
(32) Priority Date	:15/09/2004	Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL
(33) Name of priority country	:U.K.	Switzerland
(86) International Application No Filing Date	:PCT/IB2005/004030 :14/09/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2006/059234	1)BOLD GUIDO
(61) Patent of Addition to Application Number	:NA	2)CAPRARO HANS-GEORG
Filing Date	:NA	3)CARVATTI GIORGIO
(62) Divisional to Application Number	:915/DELNP/2007	4)FLOERSHEIMER ANDREAS
Filed on	:02/02/2007	5)FURET PASCAL
		6)MANLEY PAUL W.
		7)VAUPEL ANDREA
		8)SSOT SOLDERMANN COROLE
		9)GESSION FRANCOIS
		10)SCHNELL CHRISTIAN
		11)LITTLEWOOD-EVANS AMANDA JANE
		12)KAPA PRASAD KOTESWARA
		13)BAJWA JOGINDER S.
		14)JIANG XIANGLONG

(57) Abstract :

The Invention relates to compounds of formula (I) and their use in the treatment of the animal or human body, to pharmaceutical compositions comprising a compound of formula I and to the use of a compound of formula I for the preparation of pharmaceutical compositions for use in the treatment of protein kinase dependent diseases, especially of proliferative diseases, such as in particular tumour diseases.

No. of Pages : 114 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3972/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR CONTROLLING AIR CONDITIONER, AIR CONDITIONER, AND ENVIRONMENTAL TESTER

(51) International classification	:B61G	(71) Name of Applicant :
(31) Priority Document No	:2008-276623	1)NAGANO SCIENCE CO. LTD.
(32) Priority Date	:28/10/2008	Address of Applicant :1-10 Ama-Shinmachi Takatsuki-shi
(33) Name of priority country	:Japan	Osaka 569-1106 JAPAN.
(86) International Application No	:PCT/JP2009/005707	(72) Name of Inventor :
Filing Date	:28/10/2009	1)Yasuhiro JIN
(87) International Publication No	: NA	2)Ryuichi KAJI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An example control method is a method for controlling an air conditioner to turn a state in closed space to a predetermined target state. The control method includes: setting a target value for controlling a physical quantity; measuring the physical quantity at different positions in the closed space, and calculating a moving average of measurements of the physical quantity measured at each of the different positions; and controlling the air conditioner in such a manner that a median between the maximum value and the minimum value of the plurality of calculated moving averages is the target value.

No. of Pages : 43 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3973/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR THE ISOLATION AND IDENTIFICATION OF MICROORGANISMS

(51) International classification	:C02P
(31) Priority Document No	:61/110,187
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005887
Filing Date	:30/10/2009
(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)WALSH John

2)HYMAN Jones

3)THORPE Thurman

4)CLAY Bradford

(57) Abstract :

The present invention is directed to a method for separating, characterizing and/or identifying microorganisms in a test sample. The method of the invention comprises an optional lysis step for lysing non-microorganism cells that may be present in a test sample, followed by a subsequent separation step. The method may be useful for the separation, characterization and/or identification of microorganisms from complex samples such as blood-containing culture media. The invention further provides methods for separating, characterizing and/or identifying microorganisms in situ within a single system.

No. of Pages : 80 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3974/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR SEPARATION AND CHARACTERIZATION OF MICROORGANISMS USING IDENTIFIER AGENTS

(51) International classification	:C12P	(71) Name of Applicant :
(31) Priority Document No	:61/110,187	1)BIOMERIEUX INC.
(32) Priority Date	:31/10/2008	Address of Applicant :100 Rodolphe Street Durham NC
(33) Name of priority country	:U.S.A.	27712 UNITED STATES OF AMREICA
(86) International Application No	:PCT/US2009/005884	(72) Name of Inventor :
Filing Date	:30/10/2009	1)WALSH John
(87) International Publication No	: NA	2)HYMAN Jones
(61) Patent of Addition to Application Number	:NA	3)THORPE Thurman
Filing Date	:NA	4)CLAY Bradford
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a method for separating, characterizing and/or identifying microorganisms in a test sample. The method of the invention comprises an optional lysis step for lysing non-microorganism cells that may be present in a test sample, followed by a subsequent separation step. The method may be useful for the separation, characterization and/or identification of microorganisms from complex samples such as blood-containing culture media. The invention further provides for the use of one or more identifier agents and interrogating the microorganism sample and/or said one or more identifier agents to produce measurements which characterize and/or identify the microorganism based on the produced measurements and/or the presence or absence of the identifier agent or a metabolized form of the identifier agent in the microorganism sample.

No. of Pages : 47 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3975/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SCREW COMPRESSOR

(51) International classification	:H02G
(31) Priority Document No	:0821275.5
(32) Priority Date	:20/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002726
Filing Date	:20/11/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AAF MCQUAY INCORPORATED

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(72)Name of Inventor :

1)YOUNG Terence William Thomas

2)ROLL John Michael

3)WOODARD Peter Michael

(57) Abstract :

A single screw compressor is arranged to vent the flutes of its main rotor at all times, without having to provide a check valve in the discharge port of the main rotor casing. An additional outlet port in the casing vents gas from the discharge ends of the flutes into the body of a slide instead of to the discharge port. The vented gas is guided to an exit port of the slide, from where it can reach either the discharge port or the bypass port of the casing at all times during use of the compressor and under all loading conditions. The design of the slide further allows the use of an offset discharge port in the casing, in relation to the main rotor. This means that pressure acting through the discharge port in.....

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3976/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TRANSDERMAL SYSTEMS CONTAINING MULTILAYER ADHESIVE MATRICES TO MODIFY DRUG DELIVERY□

(51) International classification	:C12N	(71) Name of Applicant :
(31) Priority Document No	:12/272,706	1)MYLAN PHARMACEUTICALS, INC.
(32) Priority Date	:17/11/2008	Address of Applicant :P.O Box 4310 Morgantown WV
(33) Name of priority country	:U.S.A.	26505 U.S.A.
(86) International Application No	:PCT/US2009/064804	(72) Name of Inventor :
Filing Date	:17/11/2009	1)JACKSON Kristin
(87) International Publication No	: NA	2)MILLER Kenneth J. II
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transdermal drug-containing dosage unit comprises: a backing layer substantially impervious to the drug to be delivered transdermally; a first polymeric adhesive matrix, in contact with the backing layer, having dispersed therein the drug and having a first delivery profile of the drug; a second polymeric adhesive matrix, in contact with said first polymeric adhesive matrix, having dispersed therein the drug and having a second delivery profile of the drug, wherein said second delivery profile is different from said first delivery profile; and a release liner in contact with the second polymeric adhesive matrix. The first polymeric adhesive matrix can release the drug more quickly or more slowly than the second polymeric adhesive matrix. Through the selection of the two matrices, the delivery profile of the drug through the skin can be selectively modified and controlled.

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2011

(21) Application No.3815/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MAGNESIUM ALLOY JOINED PART

(51) International classification	:C10M
(31) Priority Document No	:2008-299755
(32) Priority Date	:25/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/069241
Filing Date	:12/11/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUMITOMO ELECTRIC INDUSTRIES LTD.

Address of Applicant :5-33 Kitahama 4-chome Chuo-ku
Osaka-shi Osaka 541-0041 JAPAN.

(72)Name of Inventor :

1)NUMANO Masatada

2)INOUE Ryuichi

3)OKUDA Nobuyuki

4)KAWABE Nozomu

5)MORI Koji

6)MORI Nobuyuki

7)OISHI Yukihiro

8)KITAMURA Takahiko

(57) Abstract :

A plurality of magnesium alloy parts are joined to one another through an inorganic joining layer (an reinforcing material 2, a boss 3, and a pin 4 are joined to a base material 1). Concrete examples of the inorganic joining layer include a layer of an inorganic adhesive and a metal thin film formed on the magnesium alloy part at the time of hot cladding. Because the magnesium alloy parts are joined together through the inorganic joining layer, in comparison with the case where a reinforcing material and the like are formed by machining, waste of the material can be reduced. The use of the inorganic joining layer can produce a magnesium alloy joined part that does not generate hazardous smoke and soot even when it is melted for recycling.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3911/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CARTRIDGE, PHARMACEUTICAL DISPENSER FOR SOLID PHARMACEUTICAL PORTIONS AND APPLICATIONS OF SAID CARTRIDGE AND SAID PHARMACEUTICAL DISPENSER

(51) International classification	:A61J 7/00	(71) Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :OF CREATIVE CAMPUS MONHEIM, ALFRED-NOBEL-STR. 10, 40789 MONHEIM, GERMANY
(31) Priority Document No	:10 2008 059674.4	
(32) Priority Date	:26/11/2008	
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2009/008123	1)SABINE LEIFELD
Filing Date	:14/11/2009	2)TOM REINHOLD
(87) International Publication No	:WO 2010/060546	3)SVEN FILLER
(61) Patent of Addition to Application Number	:NA	4)UWE KARLA
Filing Date	:NA	5)PETER WEBER
(62) Divisional to Application Number	:NA	6)NINA VOEGE
Filing Date	:NA	7)NAT JARVIS
		8)BENJAMIN HOLCH
		9)JAMES WHITTAKER

(57) Abstract :

For safe storage and simple and safe administration of tablets T by a user, a cartridge 900 is provided that can be inserted into a medicament dispenser 1 for solid medicament portions T and that is designed with a reservoir for receiving the medicament portions T, and a medicament dispenser 1 for this cartridge 900 is also provided. According to the invention, the cartridge 900 comprises a singulation device 910 that is designed to dispense defined medicament portions T and that comprises a movable mechanism 940 for separating a defined medicament portion T from the reservoir and for dispensing it from the medicament dispenser 1, wherein the singulation device 910 is designed to produce an operative connection to an actuating device 14, 220, 224, 226; 15, 210; 230 in the medicament dispenser 1.

No. of Pages : 58 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3912/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF TRANSMITTING A GEOGRAPHICAL COORDINATE

(51) International classification :G01S 5/00
(31) Priority Document No :0806612
(32) Priority Date :25/11/2008
(33) Name of priority country :France
(86) International Application No :PCT/EP09/065425
 Filing Date :18/11/2009
(87) International Publication No :WO 2010/060847
(61) Patent of Addition to Application Number:NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**

1)TALES

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

(72)**Name of Inventor :**

1)JULIEN COLLE

2)ERIC DE LARMINAT

(57) Abstract :

The present invention relates to a method for transmission to a receiver of a geographic coordinate λ of a transmitter positioned in a spherical coordinate system λ, φ , at least a portion of one hemisphere of the Earth's sphere being divided into N sections each bounded by a minimum φ and a maximum φ , each section being subdivided into X cells each bounded by a minimum λ and a maximum λ , X varying depending on the section, the method comprising at least the following steps: - partitioning all of the latitude sections into M+1 classes (C1, C2, C3), M sections being interspersed between two sections of the same class; - transmitting, in one and the same message, the coordinate λ of the transmitter referenced relative to the cell in which the transmitter is located and the class of the latitude section in which the transmitter is located, the range of the receiver being at the most equal to the width of a cell along the axis of variation of the coordinate λ .

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2011

(21) Application No.4029/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HONEYCOMB MINI-REACTOR SYSTEMS AND METHODS

(51) International classification	:B01J 19/00
(31) Priority Document No	:61/118,625
(32) Priority Date	:30/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065672
Filing Date	:24/11/2009
(87) International Publication No	:WO 2010/062886
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)JAMES SCOTT SUTHERLAND

(57) Abstract :

Disclosed is a reactor or reactor component comprising a honeycomb structure having cells extending along a common direction and having one or more passages each extending across at least some of the cells, wherein the path or paths of the one or more passages, taken within a plane perpendicular to the common direction, includes or include a number of repeating sub-path units arranged in a two-dimensional array, each sub-path unit including one or more turns or bends in the path. Methods of making, and methods of use, including resulting standardized reactor or reactor component systems, and standardized reactor or reactor component engineering or design, are also disclosed.

No. of Pages : 39 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2407/DEL/2010 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A COLD CATHODE FLUORESCENT LAMP AND AN APPARATUS THEREOF

(51) International classification	:H01J
(31) Priority Document No	:P2005-168095
(32) Priority Date	:08/06/2005
(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	:1321/DEL/2006
Filed on	:01/06/2006

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 108-0075, Japan

(72)Name of Inventor :

1)MAKIO IIDA

2)NORIMASA FURUKAWA

(57) Abstract :

A cold cathode fluorescent lamp apparatus is disclosed wherein a cold cathode fluorescent lamp can be lit readily and leak current is minimized. A pair of internal electrodes are disposed on an inner face of the cold cathode fluorescent lamp, and a pair of external electrodes are provided on an outer face side of the cold cathode fluorescent lamp. The internal electrodes are driven by a dc driving circuit, and the current to flow between the internal electrodes is controlled by a constant current circuit. The external electrodes are driven by an ac driving circuit.

No. of Pages : 207 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2455/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SELF EXCITED INDUCTION GENERATOR INTEGRATED WITH ROBUST AUTOMATIC ELECTRONIC VOLTAGE REGULATOR

(51) International classification

:G11B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INDIAN INSTITUTE OF TECHNOLOGY, DELHI

Address of Applicant :HAUZ KHAS, NEW DELHI - 110016
INDIA

(72)Name of Inventor :

1)S.S. MURTHY

2)UJJWAL KUMAR KALLA

3)INDER PRAKASH

(57) Abstract :

The present disclosure discloses a standalone, self excited induction generator driven by any fixed speed prime mover such as diesel engine or bio-gas engine having line and neutral output. The generator unit has two single phase windings in quadrature stator with a squirrel cage rotor. A set of fixed capacitors are connected in series of main winding and as shunt of auxiliary winding, a switched capacitor connected as shunt of main winding, an electronic controller to sense and control load voltage by means of thyristor switched capacitor and a anti parallel SCRs.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2011

(21) Application No.4020/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HIGH-PURITY FERRITIC STAINLESS STEEL HAVING EXCELLENT CORROSION RESISTANCE, AND METHOD FOR PRODUCING SAME

(51) International classification	:C22C 38/00
(31) Priority Document No	:2008-313700
(32) Priority Date	:09/12/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2009/070788 :07/12/2009
(87) International Publication No	:WO 2010/067878
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

**1)NIPPON STEEL & SUMIKIN STAINLESS STEEL
CORPORATION**

Address of Applicant :6-1, OTEMACHI 2-CHOME,
CHIYODA-KU, TOKYO 100-0004, Japan

(72)**Name of Inventor :**

**1)MASAHARU HATANO
2)AKIHIKO TAKAHASHI
3)EIICHIRO ISHIMARU
4)SHIGENORI TAKAHATA**

(57) Abstract :

The present invention provides an alloy-saving type of high purity ferritic stainless steel excellent in corrosion resistance and a method of production of the same. A high purity ferritic stainless steel excellent in corrosion resistance comprised of, by mass%, C: 0.001 to 0.02%, Si: 0.01 to 0.6%, Mn: 0.01 to 0.6%, P: 0.005 to 0.04%, S: 0.0001 to 0.01%, Cr: 13 to 22%, N: 0.001 to 0.02%, Al: 0.005 to 0.05%, Sn: 0.001 to 1%, and a balance of Fe and unavoidable impurities, said steel characterized by satisfying the two relations of the following formula (1) and formula (2) where I{Fe}, I(Cr), I(Sn), and I(0) are the X-ray intensities of the Fe oxides, Cr oxides, Sn oxides, and other detected oxides at the steel surface measured by an X-ray photoelectron spectrometer: 0

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2011

(21) Application No.4023/DELNP/2011 A

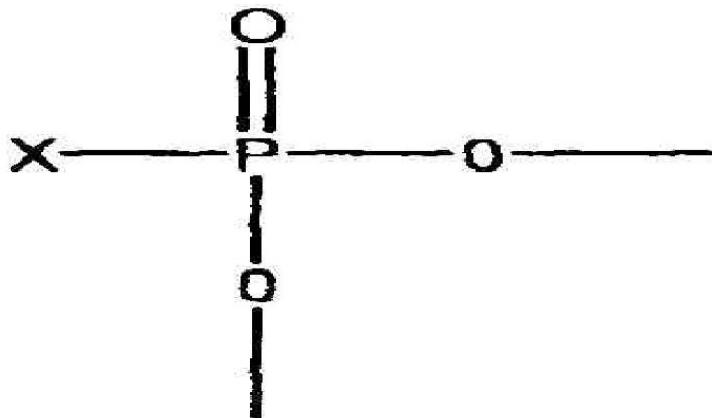
(43) Publication Date : 27/09/2013

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

(51) International classification	:C09D 5/44	(71) Name of Applicant :
(31) Priority Document No	:12/344,753	1)BASF COATINGS GMBH
(32) Priority Date	:29/12/2008	Address of Applicant :GLASURITSTRASSE 1, MUENSTER
(33) Name of priority country	:U.S.A.	48165, Germany
(86) International Application No	:PCT/US2009/058184	(72) Name of Inventor :
Filing Date	:24/09/2009	1)ABDELLATIF CHOUAI
(87) International Publication No	:WO 2010/077403	2)TIMOTHY S. DECEMBER
(61) Patent of Addition to Application Number	:NA	3)CYNTHIA A. STANTS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aqueous electrodeposition coating composition comprising a cathodically electrodeposable binder, the binder comprising a phosphorylated resin and a carboxyl group separated by from 2 to 4 carbons from an ester group, provides corrosion protection equivalent to that obtained by the conventional phosphate pretreatment-electrodeposition coating process. The aqueous coating composition may comprise a metal oxide selected from the group consisting of bismuth oxide, vanadium oxide, manganese oxide, cobalt oxide, zinc oxide, strontium oxide, yttrium oxide, molybdenum oxide, zirconium oxide, lanthanum oxide, oxides of the lanthanide series of elements and combinations thereof. The phosphorylated resin may comprise a phosphorous-containing group in which X is a hydrogen, a monovalent hydrocarbon, an alkyl group such as an aminoalkyl group, or an oxygen atom having a single covalent bond to the phosphorous atom, and each oxygen atom has a covalent bond to a hydrogen atom, an alkyl group, an aryl group, an alkylaryl group, an arylalkyl group, or the resin, with the caveat that at least one oxygen atom has a covalent bond to resin. The aqueous coating composition may comprise a tridentate amine ligand.



No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3954/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PERSONAL CARE COMPOSITION IN THE FORM OF AN ARTICLE HAVING A HYDROPHOBIC SURFACE-RESIDENT COATING

(51) International classification	:A61K 8/02	(71)Name of Applicant :
(31) Priority Document No	:61/120,790	1)THE PROCTER & GAMBLE COMPANY Address of Applicant :ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OH 45202, U.S.A.
(32) Priority Date	:08/12/2008	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)GLENN, ROBERT, WAYNE, JR. 2)HEINRICH, JAMES, MERLE 3)KAUFMAN, KATHY, MARY 4)HUTCHINS, VIRGINIA, TZUNG-HWEI 5)DUBOIS, ZERLINA, GUZDAR 6)LI, JIANJUN, JUSTIN 7)LABITZKE, KEVIN, M. 8)TROKHAN, DARREN, PAUL 9)DUFRESNE, TOM, EDWARD 10)SCHECHTMAN, LEE, ARNOLD
(86) International Application No Filing Date	:PCT/US2009/067133 :08/12/2009	
(87) International Publication No	:WO 2010/077653	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

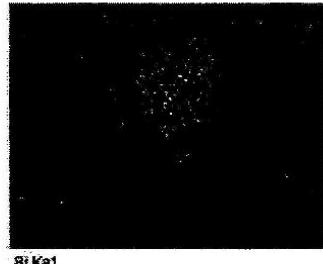
(57) Abstract :

The present invention relates to personal care compositions, especially those personal care compositions in the form of an article that is a porous, dissolvable solid structure. The article has a hydrophobic surface-resident coating that can provide enhanced deposition efficiency of hydrophobic actives contained therein.

Figure 1



SEM Image



Elemental Map of Silicon (white color)

No. of Pages : 60 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3955/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HAIR TREATMENT APPLICATOR FOR IMPROVED HAIR STRAND EFFECTS

(51) International classification	:A45D 19/00
(31) Priority Document No	:08021437.2
(32) Priority Date	:10/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2009/066521
Filing Date	:03/12/2009
(87) International Publication No	:WO 2010/068545
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, OH 45202, U.S.A.

(72)Name of Inventor :

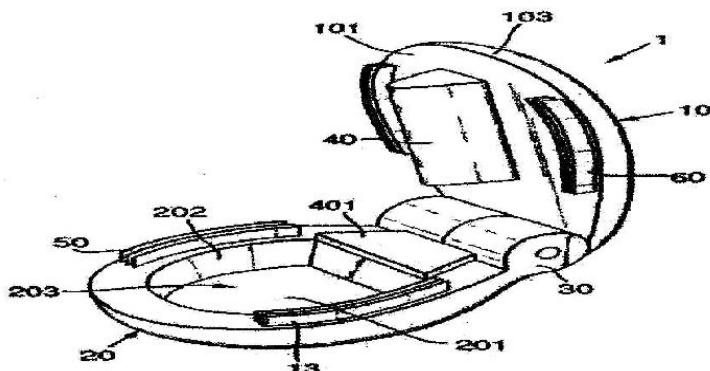
1)SMITH, PAUL, JAMES

2)GODFREY, SIMON, PAUL

(57) Abstract :

The present invention relates to an applicator (1) which allows for precise, non-messy and even application of a hair treatment composition to a hair strand. The applicator (1) comprises a plate (10) movably joined by a connection (30) to a well (20), a hair orientation means on the internal surface (101) of the plate (10) which extends towards the well (20) and a fluid metering means comprising a lower metering means (50) on the rim (222) of the well (20) and an upper metering means (60) on the internal surface of said plate (10), wherein said upper metering means (60) and lower metering means (50) independently comprise at least one resilient strip (13). When said applicator (1) is in a closed state, the lower metering means (50) and the upper metering means (60) are substantially juxtaposed to provide said fluid metering means.

Fig. 1.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3956/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PREPARATION OF LONG-CHAIN BRANCHED ISOTACTIC POLYPROPYLENE

(51) International classification	:C08F 210/06
(31) Priority Document No	:08291192.6
(32) Priority Date	:12/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/067062
Filing Date	:14/12/2009
(87) International Publication No	:WO 2010/066906
(61) Patent of Addition 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)CENTRE NATIONAL DE LA RECHERCHE
SCIENTIFIQUE (CNRS)

(72)Name of Inventor :

1)CARPENTIER, JEAN-FRANCOIS
2)KIRILLOV, EVGUENI
3)MARQUET, NICOLAS
4)RAZAVI, ABBAS

(57) Abstract :

The present invention discloses a method for preparing long-chain-branched isotactic polypropylene by first oligomerising propylene with a suitable oligomerisation catalyst system and then copolymerising propylene and the oligomer obtained in situ with a mono-aryl-substituted methylene bridged catalyst system.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.4071/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : UPLINK CONTROL SIGNALING IN CELLULAR TELECOMMUNICATION SYSTEM

(51) International classification	:H04W 72/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/067002
Filing Date	:08/12/2008
(87) International Publication No	:WO 2010/066280
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA SIEMENS NETWORKS OY

Address of Applicant :KARAPORTTI 3, FI-02610 ESPOO, FINLAND

(72)Name of Inventor :

1)LUNTILLA, TIMO ERKKI

2)PAJUKOSKI, KARI PEKKA

3)TIIROLA, ESA TAPANI

(57) Abstract :

A method, apparatus, and computer program for controlling allocation of control message fields (406) in uplink transmission in a cellular telecommunication system are presented. Uplink control message fields are allocated to the resources of a physical uplink shared traffic channel (406) according to an uplink transmission scheme selected for a user terminal (402). The control message fields are allocated so that transmission performance of the control messages is optimized for the selected uplink transmission scheme.

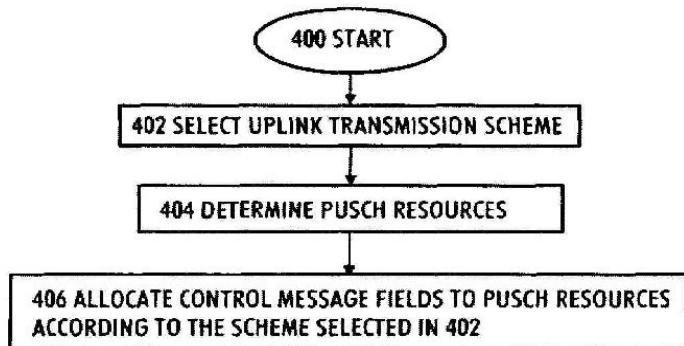


Fig 4

No. of Pages : 28 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.4072/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS FOR PROVIDING NERVE STIMULATION AND RELATED METHODS

(51) International classification	:A61N 1/40	(71) Name of Applicant :
(31) Priority Document No	:12/316,465	1)NOKIA CORPORATION
(32) Priority Date	:11/12/2008	Address of Applicant :KEILALAHDENTIE 4, FI-02150
(33) Name of priority country	:U.S.A.	ESPOO, FINLAND
(86) International Application No	:PCT/EP2009/066775	(72) Name of Inventor :
Filing Date	:09/12/2009	1)RADIVOJEVIC, ZORAN
(87) International Publication No	:WO 2010/066817	2)MARINELLI, CLAUDIO
(61) Patent of Addition to Application Number	:NA	3)RYHANEN, TAPANI
Filing Date	:NA	4)BEECHER, PAUL
(62) Divisional to Application Number	:NA	5)ANDREW, PIERS
Filing Date	:NA	

(57) Abstract :

An apparatus comprises an optically transparent electrode configured to provide transcutaneous electrical nerve stimulation to a user contacting a portion of an exterior surface of said apparatus proximal to said optically transparent electrode.

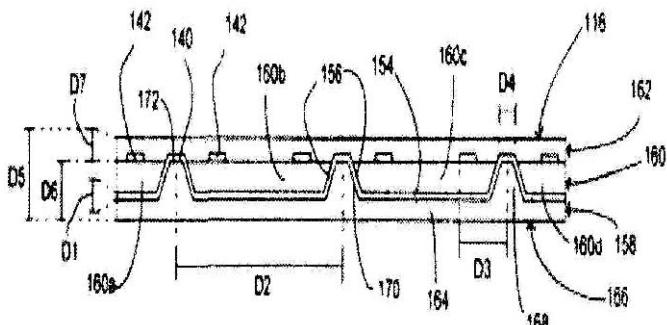


Figure 3B

No. of Pages : 49 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.4074/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOBILE RADIO ACCESS INFORMATION VALIDATION

(51) International classification	:H04L 29/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/064918
Filing Date	:04/11/2008
(87) International Publication No	:WO 2010/051829
(61) 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 (SE)

Sweden

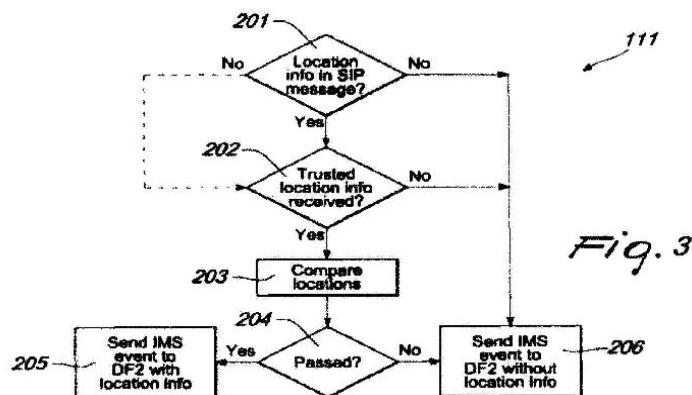
(72)Name of Inventor :

1)IMBIMBO, AMEDEO

2)LORETO, SALVATORE

(57) Abstract :

A validation method for validating IP information header in data packets from user equipment connected to a mobile telecommunications network (1) and accessing an IP network (5) through a proxy. In the method trusted location information of the user equipment (2) from a trusted source of the telecommunications network is requested (109). Then, the trusted location information is inserted into the IP information header of a message (112) to be sent to a location based function (17).



No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3966/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR DETERMINING THE FILTERABILITY OF BEER

(51) International classification	:C12C 7/14
(31) Priority Document No	:10 2008 060 446.1
(32) Priority Date	:04/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/008364
Filing Date	:24/11/2009
(87) International Publication No	:WO 2010/063392
(61) 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)SCHNEID, RALPH

(57) Abstract :

The Invention relates to a method for determining the filterability of beer, said method having the following steps: a) taking a wort or beer sample, b) filtering the sample on a plurality of filters of varying pore size, c) determining the size of the particles on the filter surfaces of the filters, d) qualitative analysis of the particles on the filter surfaces and assigning the measured particles to certain substances or groups of substances present in beer or the wort, wherein evidence on the filterability can be obtained from the size of the particles of different substances or groups of substances of individual fractions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3967/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRONIC MANAGEMENT SYSTEM FOR PHOTOVOLTAIC CELLS

(51) International classification	:G05F 1/67
(31) Priority Document No	:FR 0807119
(32) Priority Date	:18/12/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2009/055852
Filing Date	:18/12/2009
(87) International Publication No	:WO 2010/070621
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CENTRE NATIONAL DE LA RECHERCHE

SCIENTIFIQUE - (CNRS)

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PARIS CEDEX 16, FRANCE

2)TOTAL S.A.

(72)Name of Inventor :

1)VERMEERSCH, MARC

2)ESTIBALS, BRUNO

3)ALONSO, CORINNE

(57) Abstract :

An electronic management system for a photovoltaic generator comprises a plurality of static microconverters (14), each microconverter (14) being connected electrically to at least one photovoltaic cell (12). The system also comprises at least one reconfiguration module (22) able to transmit energy streams from at least one microconverter (14) to a load (100). A central electronic unit (20) is suitable for commanding a modification of the energy streams transmitted by said at least one reconfiguration module (22). The system of the invention makes it possible to optimize the production of electrical energy of the generator by adapting the power provided according to the requirements of the load and/or according to the state of operation of the various cells. Figure: 1

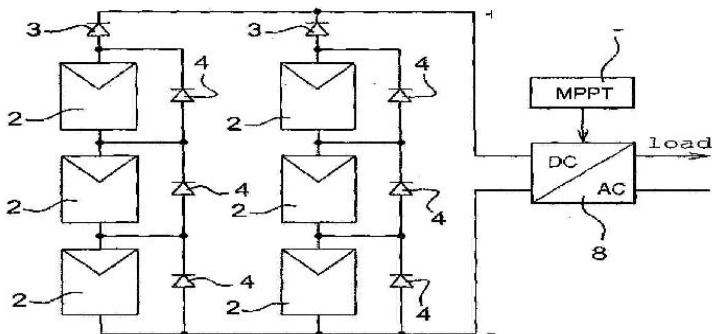


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3968/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CROSS-LINKING COMPOSITION IN PELLET FORM FOR PREPARING CROSS-LINKED BITUMEN/ELASTOMER COMPOSITIONS

(51) International classification	:C08L 95/00	(71) Name of Applicant :
(31) Priority Document No	:FR 09 00946	1)TOTAL RAFFINAGE MARKETING
(32) Priority Date	:03/03/2009	Address of Applicant :24, COURS MICHELET, F-92800 PUTEAUX, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/050892	1)DREESSEN, SYLVIA
Filing Date	:02/03/2010	2)CHAMINAND, JULIEN
(87) International Publication No	:WO 2010/100603	3)MARIOTTI, SOPHIE
(61) Patent of Addition to Application Number	:NA	4)LAURENT, PATRICE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a cross-linking composition in pellet form comprising at least one polymer matrix , at least one cross-linking agent and at least one hydrogen sulphide inhibiting agent, the hydrogen sulphide inhibiting agent comprising at least one zinc carboxylate and at least one triazine derivative. It also relates to its preparation method.

No. of Pages : 24 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3969/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AZEPINO[4,5-B]INDOLES AND METHODS OF USE

(51) International classification	:A01N 43/00
(31) Priority Document No	:61/110,527
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062872
Filing Date	:30/10/2009
(87) International Publication No	:WO 2010/051503
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MEDIVATION TECHNOLOGIES, INC.

Address of Applicant :525 MARKET STREET, 36TH FLOOR, SAN FRANCISCO, CALIFORNIA 94105, U.S.A.

(72)**Name of Inventor :**

1)HUNG, DAVID T.

2)PROTTER, ANDREW ASHER

3)JAIN, RAJENDRA PARASMAL

4)CHAKRAVARTY, SARVAJIT

5)GIORGETTI, MARCO

(57) Abstract :

This disclosure relates to new azepino[4,5-b]indole compounds that may be used to modulate a histamine receptor in an individual. Novel compounds are described, including new 1, 2,3,4,5, 6-tetrahydroazepino[4,5-b]indoless. Pharmaceutical compositions are also provided.

No. of Pages : 373 No. of Claims : 113

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.4084/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ROLLING BEARING WITH INTEGRATED SENSOR

(51) International classification	:F16C 33/72
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2008/055662
Filing Date	:02/12/2008
(87) International Publication No	:WO 2010/064088
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AKTIEBOLAGET SKF

Address of Applicant :HORNSGATAN 1, S-415 50
GOTEborg, SWEDEN Switzerland

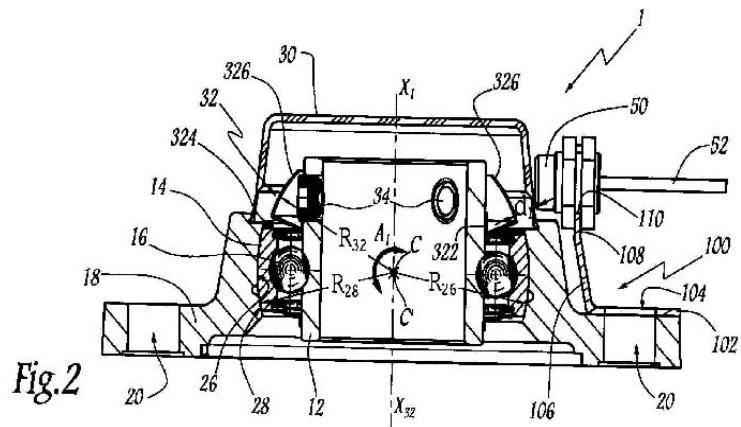
(72)Name of Inventor :

1)FRANCK LANDRIEVE

(57) Abstract :

This rolling bearing (1) comprises an inner ring (12), an outer ring (14), rolling bodies (16) between said inner and outer rings, an encoder washer (32) fast in rotation with said inner ring and a support member (18) having an internal surface (26) in the form of a section of a sphere, the internal surface being adapted to be in sliding contact with a corresponding external surface (28) of the outer ring (14) which is also in the form of a section of a sphere. The support member (18) is provided with means (100; 200; 300; 400) to hold a sensor (50) with respect to the encoder washer (32), in a position where the sensor can detect a rotation of the encoder washer.

Figure: 2



No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.4086/DELNP/2011 A

(43) Publication Date : 27/09/2013

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

(51) International classification	:C09D 5/08
(31) Priority Document No	:12/344,860
(32) Priority Date	:29/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/068162
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/077901
(61) 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 COATINGS GMBH

Address of Applicant :GLASURITSTR. 1, 48165
MUENSTER, Germany

(72)**Name of Inventor :**

1)ABDELLATIF CHOUAI

2)TIMOTHY S. DECEMBER

3)ROBERT D. SCHILLER

(57) Abstract :

An aqueous electrodeposition coating composition comprising a cathodically depositable binder, the binder comprising an amine-functional phosphorylated resin, provides corrosion protection equivalent to that obtained by the conventional phosphate pretreatment-electrodeposition coating process.

No. of Pages : 42 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3836/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ARMATURE FOR AN ELECTRIC MACHINE, MANUFACTURING METHOD FOR ARMATURE AND ELECTRIC MACHINE

(51) International classification	:B23B
(31) Priority Document No	:102010064323.8
(32) Priority Date	:29/12/2010
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)ROBERT BOSCH GmbH

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

(72)Name of Inventor :

1)SCHUSTEK, SIEGFRIED

(57) Abstract :

Described herein is an armature (2) for an electric machine (1), particularly a starter motor for a starting device for starting an internal combustion engine in a vehicle. The armature (2) comprises an armature body (33), particularly a laminated core, in which axially extending grooves (201) are formed, wherein windings (601, 701) are wound in the grooves (201) and a first and a second partial winding (601, 701) are wound in the grooves (201), which are connected in parallel to commutator sheets (301) of a commutator (3). The first partial winding (601) has a winding pitch higher than the second partial winding (701) in the grooves (201).

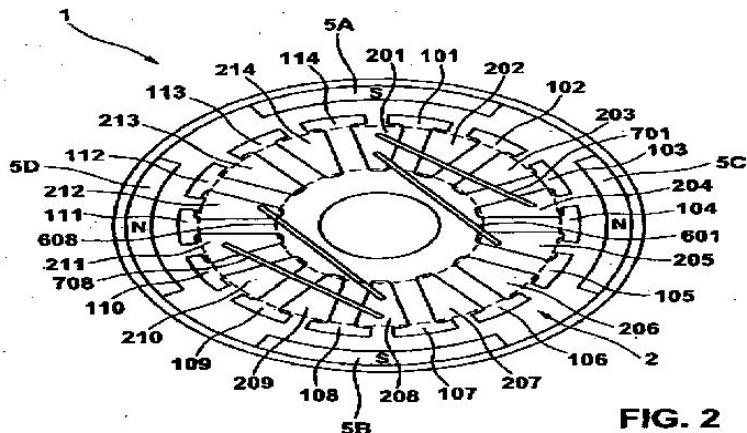


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3839/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF (5-METHYL-2-OXO-1, 3-DIOXOL-4-YL)METHYL 2-CYCLOPROPYL-1-((2'-(5-OXO-4,5-DIHYDRO-1,2,4-OXADIAZOL-3-YL)-[1,1'-BIPHENYL]-4-YL)METHYL)-1H-BENZIMIDAZOLE-7-CARBOXYLATE OR ITS SALTS AND POLYMORPHS THEREOF

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

(71)**Name of Applicant :**

1)JUBILANT LIFE SCIENCES LIMITED

Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-201
301, Uttar Pradesh India

(72)**Name of Inventor :**

1)BANSAL, DEEPAK

2)MISHRA, HIMANCHAL

3)DUBEY, SHAILENDR KUMAR

4)CHOUDHARY, ALKA SRIVASTAVA

5)VIR, DHARAM

6)AGARWAL, ASHUTOSH

(57) Abstract :

The present invention provides an improved process for the preparation of (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl-2-cyclopropyl-1 -((2'-(5 -oxo-4,5-dihydro-1,2,4-oxadiazol-3 -yl)- [1,1'-biphenyl]-4-yl)methyl)-1H-benzimidazole-7-carboxylate or its salts and polymorph thereof. The said process is industrial friendly, cost effective with good purity and yield. Further, it relates to the pharmaceutical composition and the use thereof.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.3840/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SCULPTED TRAILING EDGE SWIRLER COMBUSTION PREMIXER AND METHOD

(51) International classification	:B03C
(31) Priority Document No	:CO2010A000069
(32) Priority Date	:30/12/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :VIA FELICE MATTEUCCI, 2 50127
FLORENCE, Italy

(72)**Name of Inventor :**

1)EVULET, ANDREI TRISTAN

(57) Abstract :

Methods and devices useable in turbo-engines premixing of compressed air and fuel are provided. A premixer has a mixing part configured to receive a gas flow input in a flow direction and fuel injected substantially perpendicular to the flow direction. The mixing part has a rim configured to define a substantially cylindrical shape. The mixing part also has a swirler with (i) a center body located substantially in a middle of the cylindrical shape along the flow direction, and (ii) a set of vanes extending from the center body towards the rim, the vanes being configured to determine a rotation motion inside a flow that includes the received gas flow and the injected fuel when the flow passes through the mixing part, at least some of the vanes having a trailing edge with a waving profile configured to generate mixing zones inside the flow thereafter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3945/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HEAT EXCHANGERS FOR MICROSTRUCTURES

(51) International classification	:H05K 7/20
(31) Priority Document No	:08305844.6
(32) Priority Date	:26/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/US2009/065630
Filing Date	:24/11/2009
(87) International Publication No	:WO 2010/062875
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING NEW YORK 14831, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)ELENA DANIELA LAVRIC

(57) Abstract :

A multiple-layered microfluidic device [10] comprises at least a first fluid path [40, 40A, 40B] and at least a second fluid path [50], wherein the first fluid path [40, 40A, 40B] comprises a layer [32] or portion of a layer [32A, 32B] of the microfluidic device [10]. The first path [40, 40A, 40B] has multiple rows [74] of serpentine wall segments [72] positioned there along. The wall segments [72] extend in a direction along the first path [40]. The rows [74] extend along a direction cross-ways to the first path [40, 40A, 40B]. Adjacent ones of wall segments [72] within a row [74] are arranged such that concave portions [73] face concave portions [73] of adjacent ones of segments [72], while convex portions [75] face convex portions [75] of adjacent ones of segments [72].

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/06/2011

(21) Application No.4151/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMMUNOSTIMULATORY OLIGONUCLEOTIDES

(51) International classification	:A61K 39/00
(31) Priority Document No	:61/121,022
(32) Priority Date	:09/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/055444
Filing Date	:01/12/2009
(87) International Publication No	:WO 2010/067262
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COLEY PHARMACEUTICAL GROUP, INC.

Address of Applicant :235 EAST 42ND STREET, NEW YORK, NEW YORK 10017, U.S.A.

(72)Name of Inventor :

1)HEATHER LYNN DAVIS

2)RISINI DHAMMIKA WEERATNA

(57) Abstract :

The invention relates to immunostimulatory oligonucleotides and methods of using immunostimulatory oligonucleotides to induce an antigen-specific immune response. The invention further relates to a vaccine that comprises an immunostimulatory oligonucleotide and an antigen, and comprises a pharmaceutically acceptable carrier. The immunostimulatory oligonucleotides of the invention, in some embodiments, include one or more modified linkage(s).

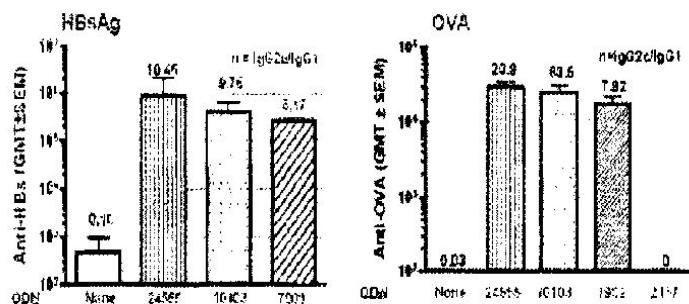


Figure 1.

No. of Pages : 78 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3371/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR MANAGING INFORMATION IN A COLLABORATIVE ENVIRONMENT.

(51) International classification	:F02B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NETORBIS SOCIAL MEDIA PRIVATE LIMITED
Address of Applicant :J-34/B, PHASE I, ASHOK VIHAR,
DELHI 110052. India

(72)Name of Inventor :

1)RAHUL UPPAL

(57) Abstract :

The present invention relates to a system and a method for managing information in a collaborative environment.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3372/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRIC CURRENT GENERATOR

(51) International classification	:B64D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Gattani Manoj Kumar

Address of Applicant :PO: Himmatsar (334802) Dist:
Bikaner Rajasthan India

(72)Name of Inventor :

1)Gattani Manoj Kumar

(57) Abstract :

Disclosed is an electric current generator (100) having a magnetic arrangement (110) having a first magnet (112) a second magnet (114) arranged oppositely and distal to the first magnet (112) and a traversing magnet (116) arranged there-between. The traversing magnet (116) is capable of traversing between the first magnet and the second magnet due to magnetic repulsion forces exerted by the first magnet and the second magnet. At least one coil (125) is magnetically coupled with the traversing magnet. The coil is capable of retaining an electrical current generated therein during the traversing of the traversing magnet. One or more accelerating zones (122) are operatively coupled to the magnetic arrangement for accelerating the traversing magnet thereby augmenting an amount of electrical current generated in the coil of the electric current generator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3915/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESS OF MAKING AN ARTICLE FOR DISSOLUTION UPON USE TO DELIVER SURFACTANTS

(51) International classification	:A61K 8/37	(71)Name of Applicant :
(31) Priority Document No	:61/120,637	1)THE PROCTER & GAMBLE COMPANY Address of Applicant :ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OH 45202, U.S.A.
(32) Priority Date	:08/12/2008	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)GLENN, ROBERT, WAYNE, JR. 2)HECHT, JOHN, PHILIP 3)MACCARTY, JASON, DONALD 4)NUNES, RAUL, VICTORINO 5)HAMERSKY, MARK, WILLIAM 6)WILDER, ELIZABETH, ANNE 7)HEINRICH, JAMES, MERLE 8)TROKHAN, DARREN, PAUL 9)DUFRESNE, TOM, EDWARD 10)LUBBERS, JULIE, MASTERS 11)BOLDEN, RENEE, DANIELLE 12)SCHECHTMAN, LEE, ARNOLD
(86) International Application No Filing Date	:PCT/US2009/067087 :08/12/2009	
(87) International Publication No	:WO 2010/077627	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process that results in a flexible dissolvable porous solid article that can be used as a personal care composition or a fabric care composition

No. of Pages : 62 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3917/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SCROLL-TYPE REFRIGERATOR COMPRESSOR

(51) International classification	:F04C 18/02
(31) Priority Document No	:08/58815
(32) Priority Date	:19/12/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/052515
Filing Date	:14/12/2009
(87) International Publication No	:WO 2010/070227
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)DANFOSS COMMERCIAL COMPRESSORS

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FRANCE

(72)**Name of Inventor :**

1)ANCEL, CHRISTOPHE

2)GINIES, PIERRE

3)CLEMENT, PIERRE EMILIE

(57) Abstract :

This compressor comprises first and second volutes (8, 11) describing an orbital relative movement and each comprising a plate (9, 12) from which a spiral (10, 13) extends, the two spirals being engaged one inside the other and defining pairs of compression chambers (14) of variable volume. The compressor has a housing (25) formed in that surface of the plate (9) of the first volute which is turned towards the spirals (10, 13), which housing (25) opens into one of the compression chambers (14), refrigerant delivery means (33) leading into the housing (25), and a nonreturn device (26) being mounted in the housing (25), the nonreturn device preventing communication between the delivery means and the compression chamber into which the housing (25) opens in a first or closed position, and allowing communication between the delivery means and said compression chamber in a second or open position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2011

(21) Application No.4033/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ALIGNMENT FACILITIES FOR OPTICAL DYES

(51) International classification	:C09K 19/04
(31) Priority Document No	:12/329,197
(32) Priority Date	:05/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065850
Filing Date	:25/11/2009
(87) International Publication No	:WO 2010/065406
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TRANSITIONS OPTICAL, INC.

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(72)Name of Inventor :

1)HE, MENG

2)KUMAR, ANIL

3)FOLLER, PETER, C.,

4)LI, CHENGUANG

5)XU, RUISONG

6)SHAO, JIPING

(57) Abstract :

Various non-limiting embodiments disclosed herein provide phase-separating polymer systems including a cured polymeric liquid crystal matrix phase and a guest phase including at least one photoactive material where the guest phase separates from the matrix phase during the curing process. Optical elements, including ophthalmic elements and other articles of manufacture including the phase-separating polymer systems are also disclosed. Methods of forming a liquid crystal phase-separating photoactive polymer system are also described.

No. of Pages : 93 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/06/2011

(21) Application No.4165/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVED FILTER MEDIA WITH NANOWEB LAYER

(51) International classification	:B01D 39/16
(31) Priority Document No	:61/120080
(32) Priority Date	:05/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/66936
Filing Date	:07/12/2009
(87) International Publication No	:WO 2010/065949
(61) Patent of Addition 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)LIM, HYUN SUNG

2)CHI, CHENG-HANG

(57) Abstract :

A filter media for filtering particulates from air or other gases contains a membrane, and a depth filtration layer upstream and in fluid contact with the membrane. The depth filtration layer contains a nanoweb layer and a prefiltration layer upstream of and in fluid communication with the nanoweb layer. The prefiltration layer may be a nonwoven, and in one embodiment, specifically a melt blown nonwoven which may also be charged.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.3203/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPROVED ELECTRODE CONFIGURATION FOR BATTERIES

(51) International classification	:H01M 4/13
(31) Priority Document No	:61/107,225
(32) Priority Date	:21/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061324
Filing Date	:20/10/2009
(87) International Publication No	:WO 2010/048181
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)JOHNSON CONTROLS- SAFT ADVANCED POWER SOLUTIONS LLC

Address of Applicant :1209 ORANGE STREET,
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(72)**Name of Inventor :**

**1)JEFFREY L. SWOYER
2)THOMAS J. DOUGHERTY**

(57) Abstract :

An electrode for an electrochemical cell comprising: a polymer substrate; a conductive material in contact with the polymer substrate; a conductive ink in contact with the conductive material; and an active electrode material in contact with the conductive ink; wherein the conductive ink is configured to enhance the adhesion between the conductive material and the active electrode material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3205/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NOVEL CEFUROXIME FORMULATIONS USING A BIO-POLYMER FROM LAGENARIA SICERARIA FOR BRAIN SPECIFICITY VIA EAR

(51) International classification	:C07C	(71) Name of Applicant : 1)N.V. SATEESH MADHAV Address of Applicant :DIT, FACULTY OF PHARMACY, VILL. MAKKAWALA MUSSOORIE DIVERSION ROAD, D- DUN Uttarakhand 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)N. V. SATHEESH MADHAV
(87) International Publication No	:NA	2)MUKTA MALA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The current invention disclose novelistic approach for formulating bionanoparticles of Cefuroxime using a biopolymer obtained from the fruit pulp of Lagenaria siceraria for ear to brain targeting. Biopolymer was isolated by non solvent addition, method and it was characterized for presence of - (-CH₃) alkenes, (≡CH) alkynes, amines, (-NO₂) nitro, alcohol and ether functional groups present in biopolymer. Prepared nanoparticles were suspended in gelling agent for ear to brain targeting. The study revealed that the formulations showed promising prolongability in drug release for a period of 32 hours apart from this it also showed promising emulsifying ability, retardability and film forming ability which was confirmed by suitable formulations. Conclusion was drawn that the formulating bionanoparticles can be used for ear to brain targeting and biopolymer can be used as bio excipient by formulating various drug delivery system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2011

(21) Application No.3207/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN IMPROVED METHOD AND APPARATUS FOR BREAKING AN EMULSION

(51) International classification	:A01K
(31) Priority Document No	:0818362.6
(32) Priority Date	:08/10/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/051347
Filing Date	:08/10/2009
(87) International Publication No	:WO 2010/041080
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PURSUIT DYNAMICS PLC

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BRITAIN U.K.

(72)**Name of Inventor :**

1)FENTON, MARCUS BRIAN MAYHALL

(57) Abstract :

A method of demulsifying an emulsion is provided, the method comprising an initial step of supplying the emulsion to a fluid processor passage (14) having an inlet (16) and an outlet (18), wherein the cross sectional area of the passage (14) between the inlet (16) and outlet (18) does not reduce below the cross sectional area at the inlet (16).A transport fluid is supplied from a transport fluid source (60) to a transport fluid nozzle (34) which circumscribes the passage (14) and opens into the passage (14) intermediate the inlet (16) and the outlet (18). The transport fluid is accelerated through a throat (38) of the transport fluid nozzle (34), the throat (34) having a cross sectional area which is less than that of either the nozzle inlet (36) or nozzle outlet (40). The transport fluid is injected from the nozzle outlet (40) into the emulsion in the passage (14) such that the emulsion is atomised and a vapour-droplet regime is formed comprising a dispersed phase of emulsion droplets within a continuous vapour phase. At least some of the emulsion droplets are vaporised within the vapour-droplet regime and finally the vapour is condensed back to the liquid phase. An apparatus suitable for carrying out this method is also provided.

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.4120/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DUAL VARIABLE DOMAIN IMMUNOGLOBULINS AND USES THEREOF

(51) International classification	:C07K 16/46
(31) Priority Document No	:61/200,877
(32) Priority Date	:04/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/066815
Filing Date	:04/12/2009
(87) International Publication No	:WO 2010/065882
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABBOTT LABORATORIES

Address of Applicant :100 ABBOTT PARK ROAD,
ABBOTT PARK, IL 60064-6008, U.S.A.

(72)Name of Inventor :

1)JAKOB CLARISSA G.

2)WU CHENGBIN

3)WALTER KARL A.

4)GHAYUR TARIQ

(57) Abstract :

The present invention relates to engineered multivalent and multispecific binding proteins, methods of making, and specifically to their uses in the prevention, diagnosis, and/or treatment of disease.

No. of Pages : 263 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2011

(21) Application No.4265/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DEFOAMER COMPOSITION COMPRISING ALKOXYLATED 2-PROPYLHEPTANOL □

(51) International classification	:C07D
(31) Priority Document No	:08172063.3
(32) Priority Date	:18/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/067018
Filing Date	:14/12/2009
(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)AKZO NOBEL N.V.

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The NETHERLANDS

(72)Name of Inventor :

1)LANG Adrian

2)COMPANY Mahnaz

(57) Abstract :

The present invention relates to defoaming compositions comprising compounds having the formula C5H11CH(CH2CH2CH3)CH2O(CH2CH(X)O)nH (I) where X=(CH2)aCH3 where a= 0 or 1 and where n=0.5-5; and one or more hydrotropes selected from the group consisting of branched or linear C4-C10 alkyl glycosides and optionally one or more anionic hydrotrope selected from the group consisting of fatty acid soaps where the acyl group contains 10-22 carbon atoms, and which could be saturated or unsaturated, linear or branched; or a sulfonate chosen from the group cumene sulfonate and xylene sulfonate, and the use of such compositions as defoaming and/or antifoaming agents. The invention also pertains to a composition comprising a) a compound C5H11CH(CH2CH2CH3)CH2O(CH2CH(X)O)nH (I) where X=(CH2)aCH3 where a= 0 or 1 and n=0.5-5 b) one or more hydrotrope selected from the...

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3959/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : THIENOTRIAZOLODIAZEPINE DERIVATIVES ACTIVE ON APO A

(51) International classification	:C07D 495/14
(31) Priority Document No	:08167982.1
(32) Priority Date	:30/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/064243
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/049466
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CIRCOMED LLC

Address of Applicant :8, SYLVAN WAY PARSIPPANY,
NEW JERSEY 07054, U.S.A.

(72)Name of Inventor :

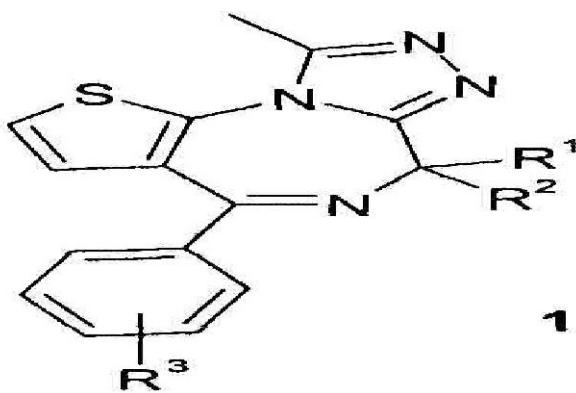
1)KEMPEN, HERMAN

2)BELLUS, DANIEL

3)STAHELIN, BARBARA

(57) Abstract :

The invention relates to new thienotriazolodiazepine derivatives of the formula 1 wherein R1 is CH3, R2 is CH3 or -(CH2)n-R4 or - (CH2)N-O-R4 or -(CH2)n-S-R4 wherein n is 1, 2, 3 or 4 and R4 is CH3, CH2CH3 or CH2CH2OCH3, and R3 is hydrogen or - OCH2O- or -OCH2CH2O- connected to the ortho/meta position or meta/para position of the phenyl ring; or wherein R1 and R2 are hydrogen and R3 is -OCH2O- or -OCH2CH2O- connected to the ortho/meta position or meta/para position of the phenyl ring; and pharmaceutically acceptable acid addition salts thereof. These compounds and pharmaceutical compositions containing them are useful in the treatment and prevention of atherosclerotic artery diseases, such as myocardial infarction and stroke, and of Alzheimer's disease.



No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3960/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SEALING MEMBER

(51) International classification	:F16J 15/06
(31) Priority Document No	:200810175518.3
(32) Priority Date	:03/11/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/074744
Filing Date	:02/11/2009
(87) International Publication No	:WO 2010/060336
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZHONGYE CHANGTIAN INTERNATIONAL
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(72)Name of Inventor :

1)GAO, DELIANG

(57) Abstract :

A sealing member comprises two bugles (1) integrated with each other, wherein the length of each bugle is equal to the length of a plane or a cambered surface or a curved surface of a component that requires sealing. The sealing member is made of elastic sealing material. A cross section of each bugle is n-shaped. An integrated connecting portion (3) is provided between two adjacent bugles. Two outermost bugles are respectively connected with an integrated extending portion (2). A cushion block (4) is provided below the connecting portions and/or the extending portions. A groove (5) is provided at a lower side opposite to the bulges. The sealing member ensures sealing effect between the planes or cambered surfaces or curved surfaces of the component that requires sealing.

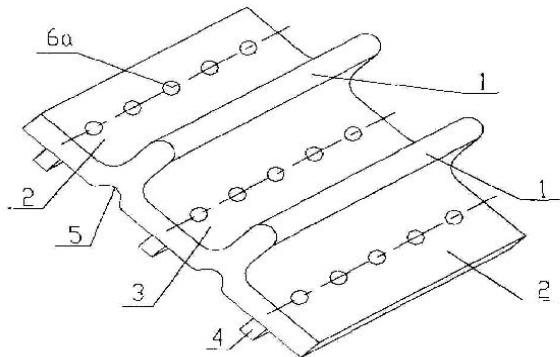


Fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3961/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPARATUS AND METHODS FOR FLUID PRESSURIZING UNITS OF INJECTION SYSTEMS

(51) International classification	:A61M 5/145
(31) Priority Document No	:12/324,087
(32) Priority Date	:26/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064497
Filing Date	:16/11/2009
(87) International Publication No	:WO 2010/062804
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ACIST MEDICAL SYSTEMS, INC.

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PRAIRIE, MN 55344, U.S.A.

(72)Name of Inventor :

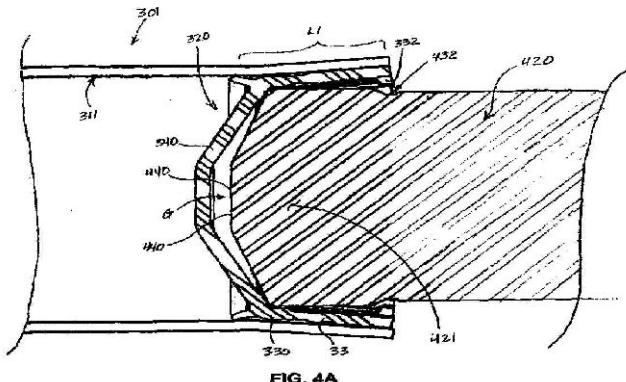
1)HIEB, MARTIN, G.

2)HAJICEK, DAVID, J.

3)NYSTROM, SIDNEY, D.

(57) Abstract :

An injection system includes a syringe and a plunger. A wiper sidewall of the plunger defines a cavity, into which a plunger shaft of the system is inserted, for moving the plunger, within the syringe, for fluid injection. The plunger includes a feature for engaging the shaft, and the sidewall preferably includes an expandable-contractible portion, in which the feature is formed. When the plunger is initially mounted within a first length of the syringe, the expandable-contractible portion of the sidewall is expanded and the feature of the plunger does not operably engage the inserted shaft. When the shaft moves the plunger into a second length of the syringe, the expandable-contractible portion of the sidewall contracts and the feature operably engages the shaft. An optional deformable end wall of the plunger may be spaced apart from a distal terminal end of the inserted shaft.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.4065/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PERFUME SYSTEMS

(51) International classification	:C11D 3/50
(31) Priority Document No	:12/336,080
(32) Priority Date	:16/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2008/055474
Filing Date	:19/12/2008
(87) International Publication No	:WO 2009/027957
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE PROCTER & GAMBLE COMPANY

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(72)Name of Inventor :

1)VELAZQUEZ, JOSE MARIA

2)ROSALDO, RAFAEL, TRUJILLO

3)PORTER, PHILIP, JOHN

4)DUBOIS, ZERLINA, GUZDAR

5)SUNOHARA, YOSHIMI

6)MEDINA, JAVIER

7)GREEN, MICHAEL

8)DENUTTE, HUGO, ROBERT GERMAIN

9)CLARE, JONATHAN, RICHARD

10)HERTENSTEIN, STACY

(57) Abstract :

The present application relates to perfume raw materials, perfume systems and consumer products comprising such perfume raw materials and/or such perfume systems, as well as processes for making and using such, perfume systems and consumer products. The perfume compositions, including the delivery systems, disclosed herein expand the perfume communities options as such perfume raw materials can provide variations on character and such compositions can provide desired odor profiles.

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2011

(21) Application No.4323/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PEROXIDE DISPERSIONS

(51) International classification	:C08L 67/00
(31) Priority Document No	:12/329,867
(32) Priority Date	:08/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062001
Filing Date	:26/10/2009
(87) International Publication No	:WO 2010/068341
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ILLINOIS TOOL WORKS INC.

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GLENVIEW, ILLINOIS 60026, U.S.A.

(72)Name of Inventor :

1)REYNOLDS, JEFFREY

(57) Abstract :

A hardener composition useful in a two part resin system. The hardener composition includes a reactive carrier, a peroxide catalyst, a thickener and thixotropic agent selected from fumed silica and precipitated silica, and optionally a filler. The hardener composition can have a shelf life of over six months. A two-part polyester resin system and a method of making a polyester resin composition are also disclosed.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2011

(21) Application No.3177/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A FLAVIVIRUS WHICH IS A DENGUE VIRUS OR A CHIMERIC VIRUS THEREOF

(51) International classification	:A01K
(31) Priority Document No	:60/348,949
(32) Priority Date	:15/01/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US03/01214
Filing Date	:16/07/2004
(87) International Publication No	:WO 03/103571
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2057/DELNP/2004
Filed on	:16/07/2004

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)THOMAS P. MONATH,

2)FARSHAD GUIRAKHOO

3)JUAN ARROYO

4)KONSTANTIN PUGACHEV

(57) Abstract :

The present invention relates to a flavivirus which is a dengue virus or a chimeric virus thereof comprising a yellow fever virus in which the membrane and envelope proteins of the yellow fever virus have been replaced with the membrane and envelope proteins of said dengue virus, wherein the envelope protein of the flavivirus comprises a mutation that decreases viscerotropism of the flavivirus, relative to a corresponding flavivirus lacking the mutation.

No. of Pages : 47 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3341/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ELECTRICAL STEEL SHEET AND MANUFACTURING METHOD THEREOF

(51) International classification	:C23C 22/00
(31) Priority Document No	:2008-302233
(32) Priority Date	:27/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/069109
Filing Date	:10/11/2009
(87) International Publication No	:WO 2010/061722
(61) Patent of Addition 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)KAZUTOSHI TAKEDA

2)KENJI KOSUGE

3)TATSUYA TAKASE

4)HIROYASU FUJII

(57) Abstract :

An electrical steel sheet provides: a steel strip (1) for an electrical steel sheet; and an insulating film (2) formed at a surface of the steel strip (1) and containing metal phosphate and organic resin. At least a part of the metal phosphate includes at least one kind of crystal structure selected from a group consisting of a cubic system, a tetragonal system, a hexagonal system, and an orthorhombic system. The organic resin contains at least one kind selected from a group consisting of an acryl-based resin, an epoxy-based resin, and a polyester resin having a carboxyl group or a hydroxyl group at a surface of an emulsion particle for one part by mass to 50 parts by mass relative to 100 parts by mass of the metal phosphate.

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3702/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR MANUFACTURING SOLAR CELL, ETCHING, DEVICE, AND CVD DEVICE

(51) International classification	:H01L 31/18
(31) Priority Document No	:2008-278725
(32) Priority Date	:29/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/005675
Filing Date	:27/10/2009
(87) International Publication No	:WO 2010/050189
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ULVAC, INC.

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KANAGAWA 253-8543 Japan

(72)Name of Inventor :

1)TAKAHASHI, HIROHISA

2)ISHIBASHI, SATORU

3)UKISHIMA, SADAYUKI

4)MATSUBARA, MASAHIKE

5)OKABE, SATOSHI

(57) Abstract :

A solar cell manufacturing method according to the present invention is a solar cell manufacturing method that forms a transparent conductive film of ZnO as an electric power extracting electrode on a light incident side, the method comprises at least in a following order: a process A forming the transparent conductive film on a substrate by applying a sputtering voltage to sputter a target made of a film formation material for the transparent conductive film; a process B forming a texture on a surface of the transparent conductive film; a process C cleaning the surface of the transparent conductive film on which the texture has been formed using an UV/ozone; and a process D forming an electric power generation layer on the transparent conductive film.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2011

(21) Application No.4240/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR THE PREPARATION OF A HYDROCARBON SYNTHESIS CATALYST MATERIAL AND THE USE THEREOF IN A HYDROCARBON SYNTHESIS PROCESS

(51) International classification	:B01J 23/74	(71) Name of Applicant :
(31) Priority Document No	:61/138,806	1)SASOL TECHNOLOGY (PTY) LIMITED
(32) Priority Date	:18/12/2008	Address of Applicant :1 STURDEE AVENUE, ROSEBANK, 2196 JOHANNESBURG, SOUTH AFRICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/IB2009/055600	1)BOTHA , JAN, MATTHEUS
Filing Date	:09/12/2009	2)FERREIRA, ALTA, CARINA
(87) International Publication No	:WO 2010/070541	3)REYNHARDT, JAN, PETRUS, KAREL
(61) Patent of Addition to Application Number	:NA	4)WELKER - NIEUWOUDT, CATHRIN, ALEXANDRA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a method for the preparation of a hydrocarbon synthesis catalyst material, in the form of a hydrocarbon synthesis catalyst precursor and/or catalyst, preferably, a Fischer Tropsch synthesis catalyst precursor and/or catalyst. The invention also extends to the use of a catalyst precursor and/or catalyst prepared by the method according to the invention in a hydrocarbon synthesis process, preferably, a Fischer Tropsch synthesis process. According to this invention, a method for the preparation of a hydrocarbon synthesis catalyst material includes the steps of treating Fe(II) carboxylate in solution with an oxidising agent to convert it to Fe(III) carboxylate in solution under conditions which ensure that such oxidation does not take place simultaneously with any dissolution of Fe(0); and hydrolysing the Fe(III) carboxylate solution resulting from step (iii) and precipitating one or more Fe(III) hydrolysis products.

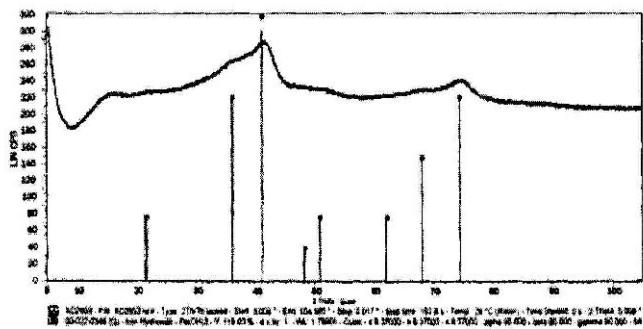


FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4391/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STABLE INSECTICIDE COMPOSITIONS

(51) International classification	:A01N 25/22
(31) Priority Document No	:61/203,689
(32) Priority Date	:26/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/006676
Filing Date	:22/12/2009
(87) International Publication No	:WO 2010/074751
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)DOW AGROSCIENCES LLC

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U.S.A.

(72)**Name of Inventor :**

1)KUIDE QIN

2)RAYMOND E. BOUCHER, JR.

(57) Abstract :

Insect controlling compositions including an N-substituted (6-haloalkylpyridin-3-yl) alkyl sulfoximine compound and an organic acid or a salt thereof exhibit increased stability.

No. of Pages : 75 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3730/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS FOR THE PREPARATION OF FUNGICIDES

(51) International classification	:C07D 231/12
(31) Priority Document No	:61/140,650
(32) Priority Date	:24/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/067283
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/072631
(61) Patent of Addition 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 :EUROPEAN REGIONAL CENTRE,
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(72)Name of Inventor :

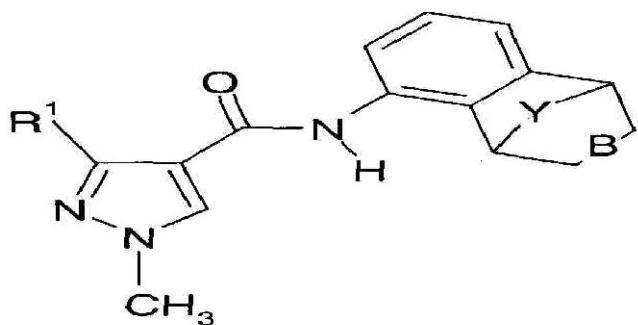
1)HODGES GEORGE ROBERT

2)MITCHELL LISA

3)ROBINSON ALAN JAMES

(57) Abstract :

The present invention relates to methods of preparing compounds of formula (I): comprising the step of reacting the corresponding amide with the corresponding substituted aryl in the presence of a catalyst, which catalyst comprises copper and a ligand, Y is CHCHR6(R7) or C=C(A)Z, CY2(R2)Y3(R3), C=N-NR4(R5); Y2 and Y3 are, independently, O, S, N; A and Z are, independently, C1-6 alkyl; R1 is CF3 or CF2H; R2 and R are, independently, C1-8 alkyl, wherein R and R are optionally joined to form a 5-8 membered ring; R4 and R5 are, independently, C1-8 alkyl; B is a single bond or a double bond; R6 and R7 are, independently, hydrogen or C1-6 alkyl.



(I)

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3904/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR THE TREATMENT OF HEMOPHILIA

(51) International classification	:A61K 38/36
(31) Priority Document No	:61/110,809
(32) Priority Date	:03/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063151
Filing Date	:03/11/2009
(87) International Publication No	:WO 2010/062768
(61) 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 HEALTHCARE LLC

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(72)Name of Inventor :

1)HAIYAN JIANG

2)TONGYAO LIU

3)XIN ZHANG

(57) Abstract :

The present invention is directed to a method for the treatment of hemophilia.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3905/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF FORMING AN INDIUM-CONTAINING TRANSPARENT CONDUCTIVE OXIDE FILM, METAL TARGETS USED IN THE METHOD AND PHOTOVOLTAIC DEVICES UTILIZING SAID FILMS

(51) International classification	:C23C 14/00
(31) Priority Document No	:61/206,877
(32) Priority Date	:04/02/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/000310
Filing Date	:04/02/2010
(87) International Publication No	:WO 2010/090740
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HELIOVOLT CORPORATION

Address of Applicant :6301-8 E. STASSNEY LANE,
AUSTIN, TX 78744, U.S.A.

(72)Name of Inventor :

1)YUEPENG DENG

2)LOUAY ELDADA

**3)ANNE OSWALD (LEGAL REPRESENTATIVE OF
DECEASED INVENTOR ROBERT OSWALD)**

(57) Abstract :

A method of forming an indium-containing transparent conductive oxide by reactive sputtering a metal target containing indium in an oxygen containing atmosphere and then depositing the resulting indium oxide on a substrate. Metal targets used in the method and photovoltaic devices utilizing the transparent conductive oxides are also disclosed.

No. of Pages : 23 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3907/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CARBONYLATION PROCESS FOR THE PRODUCTION OF METHYL ACETATE

(51) International classification	:C07C
(31) Priority Document No	:08253827.3
(32) Priority Date	:27/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/GB2009/002696
Filing Date	:19/11/2009
(87) International Publication No	:WO 2005/105720
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BP CHEMICALS LIMITED

Address of Applicant :CHERTSEY ROAD, SUNBURY-ON-THAMES, MIDDLESEX TW16 7BP, UNITED KINGDOM

(72)Name of Inventor :

**1)NICHOLAS JOHN HAZEL
2)LESLEY ANN KEY
3)MARK STEPHEN ROBERTS
4)JOHN GLENN SUNLEY**

(57) Abstract :

A process for the production of methyl acetate by reacting dimethyl ether with carbon monoxide into a carbonylation reactor containing a mordenite catalyst in the presence of added methyl acetate and/or acetic acid.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3908/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OSTOMY POUCH APPLIANCE

(51) International classification	:A61F 5/447
(31) Priority Document No	:61/116,173
(32) Priority Date	:19/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/066100
Filing Date	:30/11/2009
(87) International Publication No	:WO 2010/060115
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CONVATEC TECHNOLOGIES INC.

Address of Applicant :3993 HOWARD HUGHES PARKWAY, SUITE 250, LAS VEGAS, NEVADA 89169-6754, U.S.A.

(72)**Name of Inventor :**

1)GEORGE FATTMAN

2)GARY OBERHOLTZER

(57) Abstract :

A coupling assembly for fastening an adhesive wafer to an ostomy appliance device, the coupling assembly including a captive connection between the adhesive wafer and ostomy appliance that permits captive relative displacement between the entire adhesive wafer and the entrance aperture of the appliance, to facilitate access to the wafer from the non-body-contacting side. The coupling assembly further comprises a fixation coupling for fixing the adhesive wafer in the operative position.

No. of Pages : 45 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3909/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : OSTOMY APPLIANCE WITH MOLDABLE ADHESIVE

(51) International classification	:A61F 5/447
(31) Priority Document No	:61/116,179
(32) Priority Date	:19/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/066112
Filing Date	:30/11/2009
(87) International Publication No	:WO 2010/060116
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CONVATEC TECHNOLOGIES INC.

Address of Applicant :3993 HOWARD HUGHES PARKWAY, SUITE 250, LAS VEGAS, NEVADA 89169-6754, U.S.A.

(72)**Name of Inventor :**

1)KATHRYN CRAMER

2)GEORGE FATTMAN

3)TINH NGUYEN-DEMARY

(57) Abstract :

A body fitment for an ostomy appliance comprises an adhesive wafer including a moldable region shapable by the user. A removable release liner covering an external adhesive surface of the wafer is configured to permit molding of the moldable region by manually manipulating the adhesive through the release liner, and/or with removable segments. In an alternative form, an interior release liner is removable through the entrance aperture of the wafer, by pulling on a grip portion that protrudes through the entrance aperture. In an alternative form, an ostomy pouch includes a finger pocket in a front pouch wall, for permitting insertion of a finger tip for molding the moldable region of an adhesive wafer that is secured around a stomal aperture in a rear pouch wall.

No. of Pages : 47 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4382/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AUTOMATED SYSTEM FOR THE LYSIS OF MICROORGANISMS IN A SAMPLE, AND FOR THE EXTRACTION AND PURIFICATION OF THE NUCLEIC ACIDS OF SAID MICROORGANISMS FOR ANALYSIS

(51) International classification	:C12N 1/06
(31) Priority Document No	:0858420
(32) Priority Date	:10/12/2008
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2009/052458 :09/12/2009
(87) International Publication No	:WO 2010/067019
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BIOMERIEUX

Address of Applicant :CHEMIN DE L'ORME, F-69280
MARCY L'ETOILE, FRANCE

(72)Name of Inventor :

1)PATRICK BROYER

2)AGNES DUPONTFILLIARD

3)MASSIMO GALDIERO

4)MICHEL GUY

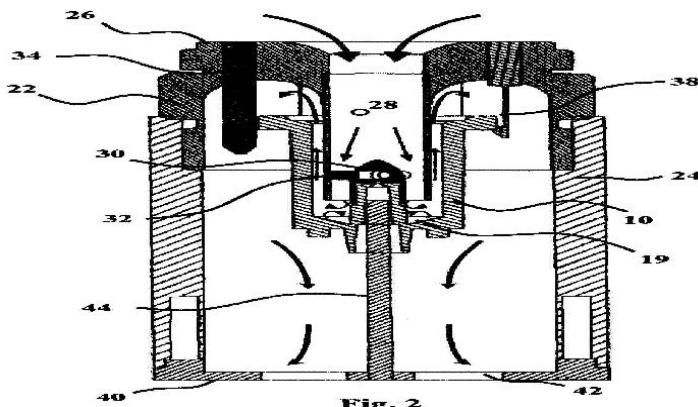
5)HERMANUS JOHANNES MARIA KREUWEL

6)EMILIANO MAIONE

7)EMIEL GEREBERN MARIA VERWIMP

(57) Abstract :

The present invention relates to, among other things, a device for collecting airborne microorganisms, said device having: an air collecting module, comprising: i. an upper element having an air admission duct permitting entry of an air stream into said module, said duct being provided, at its base, with means for disturbance of the air stream, ii. a lower element having air evacuating means permitting the air stream created to exit and said upper and lower elements can be made integral with one another so that the air stream can be created within said air collecting module; a cartridge, of roughly cylindrical shape, having a microorganism retention zone, said retention zone having means for lysis of the microorganisms, said cartridge being positioned within said air collecting module. Fig. 2



No. of Pages : 51 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.3769/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TURBOMACHINE ELECTRIC CONNECTION AND METHOD

(51) International classification

:B08B

(31) Priority Document No

:CO2010A000067

(32) Priority Date

:23/12/2010

(33) Name of priority country

:Italy

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

A turbomachine includes an expander; a central region having a first end attached to the expander; a compressor attached to a second end of the central region; an electrical device provided inside the central region; and an electrical connection including a first part and a second part, the first part being configured to be removably attached directly to the second part. The first part is configured to be removably attached to an external surface of an external casing of the central region, and the second part is configured to be fixedly attached to a bundle.

No. of Pages : 28 No. of Claims : 10

(71)Name of Applicant :

1)NUOVO PIGNONE S.p.A.

Address of Applicant :VIA FELICE MATTEUCCI, 2 50127
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(72)Name of Inventor :

1)MARIOTTI, GABRIELE

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.3863/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HEMIFUMARATE SALT OF 1-[4- [1- (4 - CYCLOHEXYL-3-TRIFLUOROMETHYL-BENZYLOXYIMINO) -ETHYL] -2 - ETHYL-BENZYL] -A ZETIDINE -3- CARBOXYLIC ACID

(51) International classification	:C07D 205/04
(31) Priority Document No	:61/203,053
(32) Priority Date	:18/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US/2009/068143 :16/12/2009
(87) International Publication No	:WO 2010/080409
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)NOVARTIS AG

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(72)**Name of Inventor :**

1)CISZEWSKI LECH

2)NA

3)DE LA CRUZ MARILYN

4)KARPINSKI PIOTR H.

5)MUTZ MICHAEL

6)RIEGERT CHRISTIAN

7)VOGEL CASPAR

8)SCHNEBERGER RICARDO

(57) Abstract :

This invention relates to a hemifumarate salt of 1-(4-{1-[(E)-4-cyclohexyl-3- trifluoromethyl-benzyloxyinnino]-ethyl}-2-ethyl-benzyl)-azetidin-3-carboxylic acid (Compound I), to pharmaceutical compositions comprising this salt, to processes for forming this salt and to its use in medical treatment. In addition, the present invention also relates to new polymorphic forms of the hemifumarate salt form of Compound I, as well as to pharmaceutical compositions comprising these polymorphic forms, to processes for obtaining them, and their use In medical treatment.

No. of Pages : 58 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4424/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : STRIPPING COLUMN AND PROCESS FOR EXTRACTING A COMPONENT FROM A LIQUID MEDIUM

(51) International classification	:B01D 3/00	(71) Name of Applicant : 1)SOL VAY SA Address of Applicant :RUE DU PRINCE ALBERT, 33, B-1050 BRUSSELS, BELGIUM
(31) Priority Document No	:0858916	
(32) Priority Date	:22/12/2008	
(33) Name of priority country	:France	
(86) International Application No	:PCT/EP2009/067143	(72) Name of Inventor :
Filing Date	:15/12/2009	1)CARTAGE, THIERRY
(87) International Publication No	:WO 2010/072613	2)SALTO, ANDREA
(61) Patent of Addition to Application Number	:NA	3)RIBEIRO, PEDRO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Stripping column and process for extracting a component from a liquid medium using a gas, the stripping column comprising a vertical column (10) comprising an essentially cylindrical wall (54), the vertical column (10) being divided by horizontal perforated plates (20) into a series of superposed chambers (11, 12, ..., 16, 17), each chamber (11, 12, ..., 16, 17) comprising several vertical partitions (34, 34I, 34II, 34III, 34IV 34V) positioned so as to form chicanes, an upper chamber (17) comprising at least one liquid medium inlet port (28). According to one important aspect of the invention, the upper chamber (17) comprises a liquid medium receiving zone (90), the receiving zone (90) being configured so as to be able to carry out a degassing of the liquid medium in the receiving zone (90).

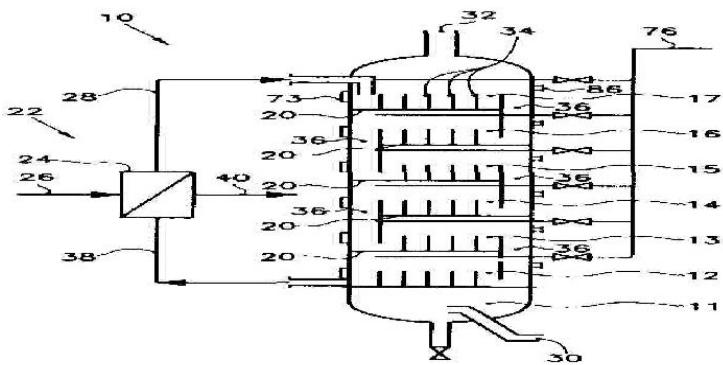


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4425/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PYRAZINE COMPOUNDS AS PHOSPHODIESTERASE 10 INHIBITORS

(51) International classification	:C07D 403/12
(31) Priority Document No	:61/114,567
(32) Priority Date	:14/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064637
Filing Date	:16/11/2009
(87) International Publication No	:WO 2010/057121
(61) Patent of Addition 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)ALLEN, JENNIFER R.

2)BOURBEAU, MATTHEW P.

3)CHEN, NING

4)HU, ESSA

5)KUNZ, ROXANNE

6)RUMFELT, SHANNON

(57) Abstract :

Pyrazine compounds, and compositions containing them, and processes for preparing such compounds. Provided herein also are methods of treating disorders or diseases treatable by inhibition of PDE10, such as obesity, non-insulin dependent diabetes, schizophrenia, bipolar disorder, obsessive-compulsive disorder, and the like.

No. of Pages : 304 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4426/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ION-EXCHANGE DEVICE AND REGENERATION METHOD OF ION-EXCHANGE METERIAL THEREOF

(51) International classification	:C02F 1/469
(31) Priority Document No	:12/336,792
(32) Priority Date	:17/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064397
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/077448
(61) Patent of Addition 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)XIONG RIHUA

2)CAI WEI

3)ZHENG LIPING

4)YANG HAI

5)LU SU

6)DENG ZHIGANG

7)CHEN LIN

(57) Abstract :

An electrochemical device comprises an electrochemical cell. The electrochemical cell comprises a composite cation-exchange member including a conductive base and a cation-exchange material in physical contact with the conductive base, a composite anion-exchange member including a conductive base and an anion-exchange material in physical contact with the conductive base; and a compartment between the composite cation-exchange and anion-exchange members. The compartment comprises an inlet for introducing a feed stream, and an outlet for exiting of an output stream out of the compartment. The electrochemical device comprises a control device configured to transmit an electrical current to the composite cation-exchange and anion-exchange members at a regeneration stage in a manner that the conductive base on the composite cation-exchange member loses electrons and the conductive base on the composite anion-exchange member gains electrons.

No. of Pages : 28 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2011

(21) Application No.3894/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A PROCESS FOR THE DEVELOPMENT OF PHOTOCHROMIC THIN FILM OF PURPLE MEMBRANE OF VARIABLE THICKNESS AND ISOLATION OF PURPLE MEMBRANE FOR THE SAME

(51) International classification	:G01R	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Prem Chandra Pandey
(32) Priority Date	:NA	Address of Applicant :Department of Applied Chemistry
(33) Name of priority country	:NA	Institute of Technology Banaras Hindu University Varanasi India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Richa Singh
(87) International Publication No	: NA	2)Prem Chandra Pandey
(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 process for the development of photochromic thin film of purple membrane (PM) having desired thickness and in desired geometry. The invention also describes the process for extracting the PM from Halobacterium species compatible with the components used for film forming material. The film forming material is a homogenized gelatin solution whereas PM was purified in form of homogenized PVA suspension. The invention further relates to designing the process for desired film casting block followed by the curing component and finally designing of the film in required geometry of practical application.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.4118/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLEXIBLE INSULATED DOOR PANELS WITH INTERNAL BAFFLES

(51) International classification	:E06B
(31) Priority Document No	:12/325,944
(32) Priority Date	:01/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065554
Filing Date	:23/11/2009
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RITE-HITE HOLDING CORPORATION

Address of Applicant :8900 NORTH ARBON DRIVE,
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(72)Name of Inventor :

1)KNUTSON PERRY W.

2)UNGS MARK

(57) Abstract :

An example of a vertically operating door includes a flexible panel comprising two pliable sheets of material with a plurality of pads or mats of thermal insulation between the two sheets. In some examples, a plurality of horizontally elongate baffles made of pliable strips of material are installed between the two sheets. The baffles effectively divide one large interior volume between the sheets into more manageable smaller volumes or chambers. The baffles restrict the air between the sheets from being forced to the bottom of the panel as the panel ascends and bends across an overhead roller. Without the baffles and smaller chambers, the panel sheets in the area near the bottom of the panel would tend to bulge outward as the door opens.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4409/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BEARING ARRANGEMENT FOR SUPPORTING A SHAFT, GEARSHIFT DOME UNIT COMPRISING SAID BEARING ARRANGEMENT, AND METHOD

(51) International classification	:F16C 31/04
(31) Priority Document No	:10 2008 061 888.8
(32) Priority Date	:11/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/066197
Filing Date	:02/12/2009
(87) International Publication No	:WO 2010/066614
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SCHAEFFLER TECHNOLOGIES GMBH & CO. KG

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HERZOGENAURACH, Germany

(72)**Name of Inventor :**

1)TINO BECK

2)DIETER JAUERNIG

3)WALDEMAR MAIER

(57) Abstract :

The object of the present invention is to provide a mounting arrangement for mounting a shaft, a gearshift dome assembly and a method of manufacturing which enables a simple assembly. For this purpose, the invention proposes a mounting arrangement 11, 12 for mounting a shaft 4, which mounting arrangement 11, 12 comprises a mounting device 16, said mounting device 16 being configured for a pivotal and/or sliding mounting of the shaft 4. The mounting arrangement further comprises a reception section 14, 15 and the mounting device 16 is arranged in a reception 21 of the reception section 14, 15. The mounting arrangement further comprises a retention element 23, 28 which is arranged and/or configured for preventing an escape of the mounting device 16 out of the reception 21, and a holding device 17, 27 for the retention element 23, 28 which is pushed into the holding device 17, 27 in a pushing-in direction which is at an angle to the longitudinal extent of the shaft 4.

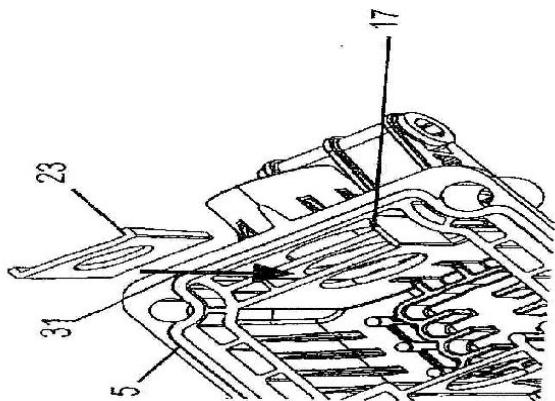


Fig. 10

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4413/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : TUBE ARRANGEMENT FITTING FOR HEAT TRANSFER TUBES

(51) International classification	:F22B 37/20
(31) Priority Document No	:2009-102093
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/071407
Filing Date	:24/12/2009
(87) International Publication No	:WO 2010/112691
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES LTD.

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(72)Name of Inventor :

1)NOBUYOSHI KOMAI

2)TAKESHI MIYAZAWA

3)KIYOTAKA AOKI

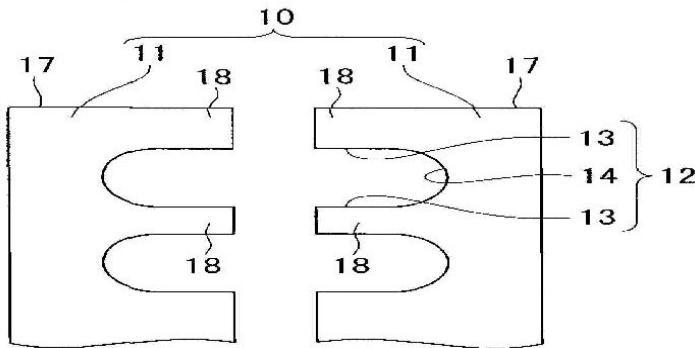
4)SACHIO IWAMOTO

5)MASAHIRO KOBAYASHI

(57) Abstract :

Deflection (bend) in the length direction due to a difference in the heat expansion between two plate-like members, between which rows of heat transfer tubes are sandwiched, is reduced, and deflection (bend) of rows of heat transfer tubes is prevented. Two long plate-like members (11), in which a plurality of cutouts (12) along the longitudinal direction are provided in one side the widthwise direction, are provided, and each of the cutouts (12) includes two rectilinear sections (13) that extend in a direction perpendicular to the longitudinal direction axis of the plate-like members (11), and a semicircular section (14) that links one end of the rectilinear sections (13) together. The distance between the two rectilinear sections (13) along the lengthwise direction axis of the plate-like members (11) and the diameter of the semicircular section (14) is set so as to be greater than the diameter of the heat transfer tubes that are contained within the cutouts (12). Tongue sections (18) are provided both between adjacent cutouts (12) and between the cutouts (12) positioned at both end portions of the plate-like members (11) in the length direction and both side surfaces (17) of the plate-like members (11) in the lengthwise direction. FIG. 2.

FIG. 2



No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2011

(21) Application No.3287/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR PRODUCING A FIBROUS SEMIFINISHED PRODUCT FROM CELLULOSE-CONTAINING MATERIALS AND LINE FOR IMPLEMENTING SAME

(51) International classification	:D21C 1/00
(31) Priority Document No	:A 2008 12163
(32) Priority Date	:14/10/2008
(33) Name of priority country	:Ukraine
(86) International Application No	:PCT/UA09/000049
Filing Date	:12/10/2009
(87) International Publication No	:WO 2010/053464
(61) Patent of Addition 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)ANATOLIJ LVOVYCH MYSTECKYJ

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(57) Abstract :

The invention relates to the pulp and paper industry. The method for manufacturing fibrous semi-finished product from cellulose-containing materials comprises loading initial raw material, transporting cooking liquor to initial raw material, saturating initial raw material with cooking liquor, separating excess cooking liquor from saturated raw material, moving raw material saturated with cooking liquor to a cooking tank, and heat treatment of raw material saturated with cooking liquor in the cooking tank. The saturation of initial raw material with cooking liquor is conducted immediately after loading initial raw material to the transportation device in the form of a conveyor-saturator-dewaterer by delivering primary cooking liquor or mixed cooking liquor to initial raw material. Free draining of excess cooking liquor from saturated raw material takes place when transporting saturated raw material over a section with holes which is located on the bottom of the conveyor-saturator-dewaterer. Under the section with holes there is a tank for mixed cooking liquor that has the open top. Saturated raw material freed from excess cooking liquor is transferred to the cooking tank for further heat treatment. The tank for mixed cooking liquor is at the same time a tank for secondary cooking liquor and a tank for excess cooking liquor. A pipeline for feeding secondary cooking liquor is a pipeline for feeding mixed cooking liquor and is connected to the tank for mixed cooking liquor. The outlet of the pipeline for feeding mixed cooking liquor is directed towards the inlet of the conveyor-saturator-dewaterer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 27/09/2013

(54) Title of the invention : SUPPRESSION OF CANCER

(51) International classification	:A61K 38/48
(31) Priority Document No	:0820970.2
(32) Priority Date	:17/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/051559
Filing Date	:17/11/2009
(87) International Publication No	:WO 2010/055358
(61) Patent of Addition 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)MADEC, FREDERIC

2)LECANE, PHILIP

3)MARKS, PHILIP

4)FOSTER, KEITH

(57) Abstract :

The present invention relates to polypeptides for use in suppressing cancer and cancer disorders. The treatment employs use of a non-cytotoxic protease, which is targeted to the cancer cell, and, when so delivered, the protease is internalised and inhibits secretion from the cancer cell.

No. of Pages : 315 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.3633/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CRYSTALLINE FORM OF A 4-[2-(2-FLUOROPHENOXYMETHYL)PHENYL]PIPERIDINE COMPOUND

(51) International classification	:C07D 211/22	(71) Name of Applicant :
(31) Priority Document No	:61/114,541	1)THERAVANCE, INC.
(32) Priority Date	:14/11/2008	Address of Applicant :901 GATEWAY BOULEVARD, SOUTH SAN FRANCISCO, CALIFORNIA 94080, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2009/064306	1)LORI JEAN PATTERSON
Filing Date	:13/11/2009	2)ROBERT CHAO
(87) International Publication No	:WO 2010/056939	3)MIROSLAV RAPTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a crystalline hydrochloride salt of 4-[2-(2,4,6-trifluorophenoxyethyl)phenyl]piperidine. This invention also provides pharmaceutical compositions comprising the crystalline salt, processes and intermediates for preparing the crystalline salt, and methods of using the crystalline salt to treat diseases.

No. of Pages : 49 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.3635/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NEW HALOGEN-SUBSTITUTED COMPOUNDS

(51) International classification :C07D 213/81
(31) Priority Document No :08168405.2
(32) Priority Date :05/11/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/007668
Filing Date :27/10/2009
(87) International Publication No :WO 2010/051926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)ALEXANDER SUDAU

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12)ARND VOERSTE

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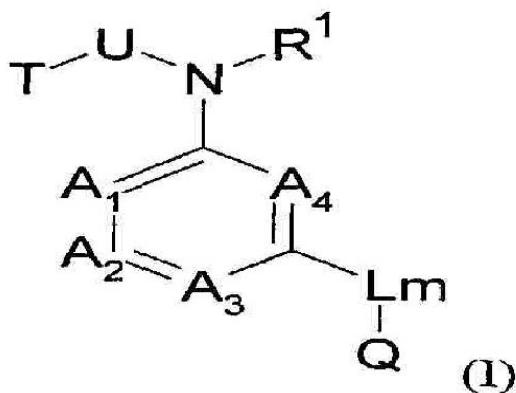
15)MARK WILHELM DREWES

16)ANGELA BECKER

17)EVA MARIA FRANKEN

(57) Abstract :

The invention relates to compounds of the general formula (I), in which the radicals A₁, A₂, A₃, A₄, Lm, Q, R₁, T and U have the meaning given in the description and to the use of the compounds for controlling animal pests. In addition, the invention relates to processes and intermediates for the preparation of the compounds according to formula (I).



No. of Pages : 201 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2011

(21) Application No.4502/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MACHILE-TOOL AND A PROCESS FOR MANUFACTURING GEARINGS

(51) International classification	:B23F 5/20
(31) Priority Document No	:10 2008 063 858.7
(32) Priority Date	:19/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/009024
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/069554
(61) Patent of Addition 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)HUTTER, WOLFGANG

2)HUMMEL, ERHARD

(57) Abstract :

The invention concerns a machine-tool, in particular a milling machine Including - a machine frame; - a tool carrier mounted on the machine frame for receiving a tool; - a drive device for rotationally driving the tool in the tool carrier about a tool axis; - a receiving device (6) mounted on the machine frame (1), for receiving a workpiece (7); - a first rotary drive device for generating a first relative angular movement between the tool carrier and the receiving device and a second rotary drive device for generating a second relative angular movement between the tool carrier and the receiving device; - a translational drive device for generating a relative translation movement between the tool carrier and the receiving device along three axes; - a control device, which is designed in such a way that it enables to control the relative rectilinear movements between the tool carrier and the receiving device and the relative angular movement between the tool carrier and the receiving device substantially at the same time; wherein the tool is designed as a face or face circumference milling cutter and contains blades, which exhibit at least one partial contour of a gearing to be milled in the workpiece; wherein the external diameter of the blades is greater than the distance of two adjoining tooth flanks - tooth gap; The invention is characterised in that the control device is designed, to move the tool in such a way through the region of the gearing to be produced that it is displaced globally along the tooth flank to be machined with equal or substantially equal distance with respect to the tooth gap base and/or with respect to the tooth tip of the gearing to be produced.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.4076/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPLYING TORQUE TO PARAMAGNETIC STRUCTURES IN BODIES USING DUAL MAGNETIC FIELDS.

(51) International classification	:A61N 2/00
(31) Priority Document No	:61/114,999
(32) Priority Date	:14/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/064473 :13/11/2009
(87) International Publication No	:WO 2010/057050
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)DIAMENT, PAUL

2)TRAKHT, ILYA

(57) Abstract :

Technique for applying torque to microscopic paramagnetic structures in a body includes exposing a body simultaneously to a first magnetic field oscillating at a first frequency in a first direction and a different second magnetic field oscillating at a second frequency in a second direction. The body includes a plurality of microscopic paramagnetic structures for which magnetic susceptibility to the first magnetic field is different from magnetic susceptibility to the second magnetic field. Such technique are effective for ameliorating a symptom of a disease in an animal in which disease agents or diseased cells selectively include microscopic paramagnetic structures, including malaria.

No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.4077/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLAR BIOFACTORY, PHOTOBIOREACTORS, PASSIVE THERMAL REGULATION SYSTEMS AND METHODS FOR PRODUCING PRODUCTS

(51) International classification	:C12M 1/00
(31) Priority Document No	:61/201,548
(32) Priority Date	:11/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/006516 :11/12/2009
(87) International Publication No	:WO 2010/068288
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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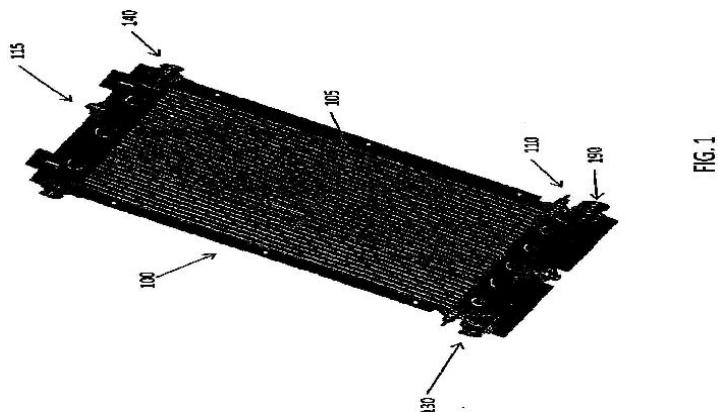
5)MCINTIRE, JAMES, R

6)MICHONSKI, SCOTT, A

7)POSNER, ANDREW

(57) Abstract :

The invention described herein relates to photobioreactors, methods, assembly and use of such apparatus for culturing light-capturing organisms in a cost-effective manner. Various embodiments provide for a passive thermal regulation system employing selected microorganisms in a photobioreactor apparatus and methods for biological production of various fuel and chemical products from these organisms. Additional embodiments provide a solar biofactory system capable of culturing light capturing organisms to an areal productivity of 3.3g/m²/hr. Further embodiments are directed to a photobioreactor capable of culturing light capturing organisms to an OD730 of about 14 g/L DCW. Such embodiments incorporate passive thermal regulation and systems.



No. of Pages : 118 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2011

(21) Application No.4494/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POLYPROPYLENE RESIN MOLDED ARTICLE

(51) International classification	:B32B 27/32
(31) Priority Document No	:2009-021050
(32) Priority Date	:31/01/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/050213
Filing Date	:12/01/2010
(87) International Publication No	:WO 2010/035912
(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)REIRA IKOMA

4)SHOHEI IWASAKI

(57) Abstract :

The present invention provides a polypropylene-based resin molded article having an excellent balance of rigidity, heat resistance, and impact resistance, and, in particular, having high impact strength; a method for producing the polypropylene-based resin molded article; and a method for improving the impact resistance of a polypropylene-based resin molded article. The polypropylene-based resin molded article comprising a layered structure including layers A and B comprising a polypropylene-based resin, one of the layers A and B having a polypropylene chain orientation different from that of the other layer; and each of the layers A and B having a maximum absolute value of birefringence of 0.005 or more, the birefringences of the layers A and B being different from each other, one being positive and the other being negative.

No. of Pages : 57 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2011

(21) Application No.4496/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SIDEWALL SHEAR DECOUPLING LAYER

(51) International classification	:B60C 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2008/087907
Filing Date	:22/12/2008
(87) International Publication No	:WO 2010/074679
(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)BENJAMIN KAPLAN
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3)SEBASTIEN RIGO

(57) Abstract :

A pneumatic tire, comprising: a tread supported by a crown, the crown being positioned radially-inward of the tread; a pair of sidewalls, each sidewall extending radially-inward from an axial edge of the crown, each sidewall defining a side of the tire; a pair of beads, each bead having a circumferentially-inextensible bead core defining a bead core center, each bead positioned radially-inward of each sidewall respectively; a carcass layer constructed from a plurality of radially-oriented carcass layer cords embedded in an elastomeric matrix and extending through the crown and between the beads, the carcass layer having a pair of carcass layer ends, each end being anchored in each bead respectively; one or more crown plies disposed radially-inward of the tread and radially-outward of the carcass layer and extending between the sidewalls of the tire; a pair of shoulder section shear layers, one of the pair located at each sidewall respectively and each positioned on at least one axial side of the carcass layer, the shoulder section shear layers extending from the sidewall to a position radially-inward of the crown ply by a predetermined distance d from an axial edge of the crown ply; a pair of bead section shear layers, one of the pair located at each sidewall respectively and each positioned on at least one axial side of the carcass layer, the bead section shear layers extending from the sidewall to a position located at a predetermined distance h from the center of the bead core in a direction perpendicular to an axial direction of the tire, wherein one or more of the pairs of shoulder section and bead section shear layers are constituted of an elastomer composition having a modulus of elongation measured at 10 % (MA 10) of no greater than 110 % of an MA 10 selected as a lowest MA 10 of all elastomer compositions constituting the sidewall components that are positioned axially-outward of an axially-inward side of the carcass layer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2011

(21) Application No.4230/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MOLDING SOFT FLUID - FILLED IMPLANT SHELLS

(51) International classification	:B29C 41/14
(31) Priority Document No	:61/116,406
(32) Priority Date	:20/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/065159
Filing Date	:19/11/2009
(87) International Publication No	:WO 2010/059834
(61) Patent of Addition 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)FEARGAL D. JUDGE

2)KEVIN J. DEMPSEY

(57) Abstract :

Systems and methods for molding shells for fluid-filled prosthetic implants, including spinning and rotating dip- or spray-mandrels during a devolatilization step to ensure an even covering. The mandrels may be spun during the dipping or spraying step, and/or afterward while a solvent evaporates until a gum state is formed. The techniques are particularly useful for forming hollow shells from silicone dispersions for soft implants, such as breast implants.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2011

(21) Application No.4236/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR THE POST - TREATMENT OF METAL LAYERS

(51) International classification	:C25D 9/04
(31) Priority Document No	:08019899.7
(32) Priority Date	:14/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US09/064394
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/057001
(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)ANDREAS KONIGSHOFEN

4)MARKUS DAHLHAUS

(57) Abstract :

A process for treating the surface of a metal substrate comprising a constituent metal selected from the group consisting of Cr, Cu, Mn, Mo, Ag, Au, Pt, Pd, Rb, Pb, Sn, Ni, 2n, in some cases Fe, and alloys of these metals. An anodic potential is applied to the metal surface in an electrolytic circuit comprising the metal surface, a cathode, and an electrolytic solution that is in contact with the metal surface and in electrically conductive communication with the cathode. The electrolytic solution may contain an electrolyte comprising anions of phosphate, phosphonate, phosphite, phosphinate, nitrate, borate, silicate, molybdate, tungstate, carboxylate, oxalate and combinations thereof. The anion may comprise a polymer having a pendent moiety selected from the group consisting of phosphate, phosphonate, phosphite, phosphinate, sulfate, sulfonate, carboxylate and combinations thereof. The potential applied to the circuit is such that the substrate is anodically oxidized and reacts with the anion to form a composition that imparts an enhanced property to the metal surface. Preferably, the pH of the electrolytic solution is less than about 6.0, the potential applied is between about 0.5 and about 20 volts, and the current density is between about 0.01 and 2 amps/dm² of the geometric surface area of metal in contact with the electrolytic solution and is controlled such that nascent cations of said constituent metal produced by anodic oxidation of said constituent metal react with said anions at the metal surface without significant formation of any oxide or hydroxide of said constituent metal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4389/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLUTIONS FOR VOLUME THERAPY

(51) International classification	:A61K 9/08
(31) Priority Document No	:08022089.0
(32) Priority Date	:19/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP09/009123
Filing Date	:18/12/2009
(87) International Publication No	:WO 2010/078935
(61) Patent of Addition 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)NORBERT BREITER

(57) Abstract :

The invention relates to artificial plasma-like solutions and methods for their use. The subject solutions find use in a variety of applications, particularly in those applications where at least a portion of a host's blood volume is replaced with a blood substitute.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.4650/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : UV AND LIGHT PROTECTIVE FILM

(51) International classification	:C08J 5/18
(31) Priority Document No	:10 2008 062 407.1
(32) Priority Date	:17/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/008845
Filing Date	:10/12/2009
(87) International Publication No	:WO 2010/075946
(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)HENDRIK HUMMEL
3)MANFRED RUBNER**

(57) Abstract :

The present invention relates to an at least contact transparent single layer or multilayer film absorbing and/or reflecting UV radiation and short-wavelength visible light, comprising at least one layer based on at least one optionally modified thermoplastic olefin homo- or co-polymer, comprising a combination of at least one organic or inorganic colored pigment or dye absorbing and/or reflecting short-wavelength visible light, and of at least one organic or inorganic compound absorbing and/or reflecting the UV radiation, and to the use of said film as a protective film against the effects of UV radiation and short-wavelength visible light, and a sewer cleaning system comprising said multilayer film as an external hose film and an inner, multilayer plastic film, and an impregnated UV-curable carrier material present between the two hose films.

No. of Pages : 37 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4392/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : AN APPARATUS AND METHOD FOR PROCESSING DATA STREAMS

(51) International classification	:G06F 11/20
(31) Priority Document No	:0822627.6
(32) Priority Date	:12/12/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/051662
Filing Date	:08/12/2009
(87) International Publication No	:WO 2010/067105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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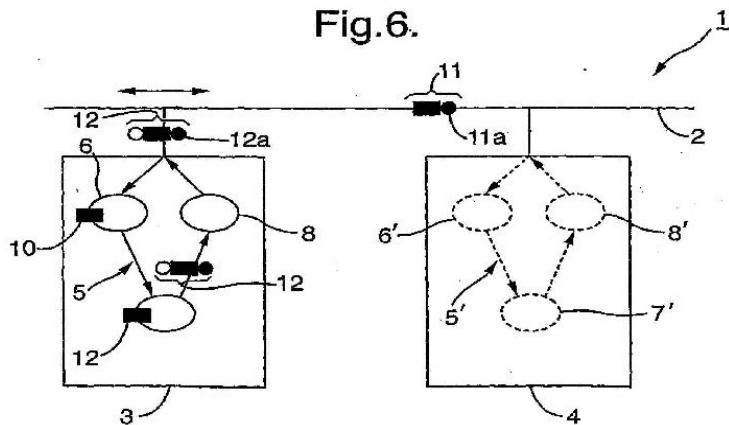
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3)MICHAEL GRAY

(57) Abstract :

A distributed architecture and method for maintaining the integrity of data streams within a multi-pipelined processing environment. The architecture comprising a communications network for carrying a plurality of data streams and a master processor adapted to process one or more messages in at least one of the data streams, the message processing including the creation of one or more data packets within the stream, each packet encapsulating at least a transaction summary of the data that has been processed. The architecture further comprising at least one slave processor per master processor adapted to emulate the transactional state of the master processor by regenerating the data stream as a result of processing the one or more data packets, whereupon in response to an error event on the master processor, the slave processor acts to avoid interrupting the data stream by generating one or more successive data packet(s). Hence, the architecture and method serve as a high availability, robust fault tolerant system, mitigating against the loss of data within data streams. [Figure 6]

Fig.6.



No. of Pages : 33 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4394/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR ACTIVATING STRENGTHENED IRON CATALYST FOR SLURRY REACTORS

(51) International classification	:B01J 23/72
(31) Priority Document No	:12/272,960
(32) Priority Date	:18/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/064895
Filing Date	:18/11/2009
(87) International Publication No	:WO 2010/059660
(61) Patent of Addition 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)BELMA DEMIREL

2)CHARLES B. BENHAM

3)DAN FRAENKEL

4)RICHARD BLEY

5)JESSE W. TAYLOR

6)BAHMAN REJAI

7)SARA L. ROLFE

8)HAROLD A. WRIGHT

(57) Abstract :

A method of activating an iron Fischer-Tropsch catalyst by introducing an inert gas into a reactor comprising a slurry of the catalyst at a first temperature, increasing the reactor temperature from the first temperature to a second temperature at a first ramp rate, wherein the second temperature is in the range of from about 150°C to 250°C, introducing synthesis gas having a ratio of H₂:CO to the reactor at a space velocity, and increasing the reactor temperature from the second temperature to a third temperature at a second ramp rate, wherein the third temperature is in the range of from about 270°C to 300°C. The iron Fischer-Tropsch catalyst may be a precipitated unsupported iron catalyst, production of which is also provided.

No. of Pages : 60 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4396/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : THIAZOLYL OXIME ETHER AND HYDRAZONES ASL PLANT PROTECTION AGENT

(51) International classification	:C07D 417/14
(31) Priority Document No	:08171392.7
(32) Priority Date	:11/12/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/008492
Filing Date	:28/11/2009
(87) International Publication No	:WO 2010/066353
(61) 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 CROPSCIENCE AG

Address of Applicant :ALFRED-NOBEL-STR. 50, 40789
MONHEIM Germany

(72)Name of Inventor :

1)PIERRE CRISTAU

2)NICOLA RAHN

3)TOMOKI TSUCHIYA

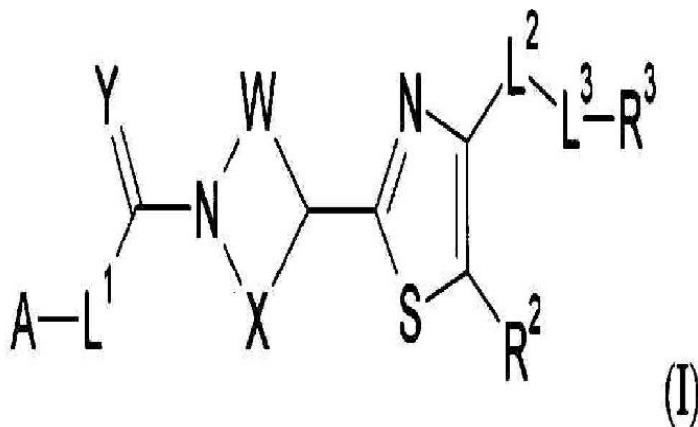
4)ULRIKE WACHENDORFF-NEUMANN

5)ARND VOERSTE

6)JURGEN BENTING

(57) Abstract :

Thiazolyl oxime ethers and hydrazones of the formula (I) in which the symbols A, L1, L2, Y, W, X, R1, R2, R3, R4, R5, R6 and R7 have the meanings given in the description, and also agrochemically active salts thereof, and their use for controlling phytopathogenic harmful fungi, and also methods for controlling phytopathogenic harmful fungi and processes for preparing compounds of the formula (I).



No. of Pages : 103 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2011

(21) Application No.4525/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR GRANULATING ETHYLENE/TETRAFLUOROETHYLENE COPOLYMER

(51) International classification	:C10L
(31) Priority Document No	:2008-335047
(32) Priority Date	:26/12/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/071259
Filing Date	:21/12/2009
(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)Asahi Glass Company Limited

Address of Applicant :12-1 Yurakucho 1-chome Chiyoda-ku TOKYO 100-8405 JAPAN.

(72)Name of Inventor :

1)Shigeru Aida

2)Atsushi Tsuji

3)Akio Ogawa

4)Toshiyuki Chisaka

5)Jumpei Nomura

(57) Abstract :

To provide a method for producing ETFE granules having a low content of an ethylene/tetrafluoroethylene copolymer oligomer and being excellent in handling efficiency. A method for granulating an ethylene/tetrafluoroethylene copolymer, which is characterized by stirring and granulating a slurry of an ethylene/tetrafluoroethylene copolymer together with water in the presence of both ethylene and tetrafluoroethylene at a granulation temperature of from 10 to 130°C for a granulation time of from 30 to 240 minutes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.4661/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : MOVING IMAGE DATA COMPRESSING METHOD

(51) International classification	:H04N 7/30
(31) Priority Document No	:2008-307608
(32) Priority Date	:02/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/069938
Filing Date	:26/11/2009
(87) International Publication No	:WO 2010/064569
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUMITOMO ELECTRIC INDUSTRIES, LTD.

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(72)Name of Inventor :

1)FUJITA, YASUHITO

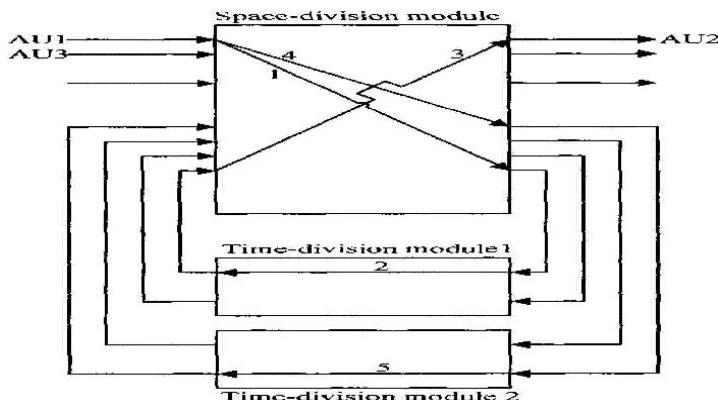
2)KAKII, TOSHIAKI

3)HATA, YOICHI

4)GOTO, YOSHIMITSU

(57) Abstract :

The present invention discloses a method and an apparatus for adjusting a service of optical synchronous digital hierarchy network, and the method for adjusting a service is used to adjust the cross path among the space-division module and at least two time-division modules, which comprises: at first configuring the input time-slot space-division cross path to the time-division module after adjustment in space-division module and the time-division cross path of the time-division module after adjustment; and configuring the output time-slot space-division cross path from the time-division module after adjustment in space-division module; deleting the original cross path formed by the time-division module before adjustment. The apparatus comprises: a first configuration unit used to configure the input time-slot space-division cross path to the time-division module after adjustment in space-division module and the time-division cross path of the time-division module after adjustment; a second configuration unit configuring the output time-slot space-division cross path from the time-division module after adjustment in the space-division module; deleting the original cross path formed by the time-division module before adjustment. The present invention can reduce the service instant-interrupt time to be less than 50ms.



No. of Pages : 31 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3777/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : DAMPER DEVICE, FLUID PUMP AND INJECTION SYSTEM PARTICULARLY FOR A MOTOR VEHICLE

(51) International classification

:B08B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

The invention relates to a damper device (105 for damping pressure peaks in a fluid in a certain volume, particularly of a fuel in an injection system (1), particularly for a motor vehicle, comprising a variable pressure volume (V) confined by a moveable body (110) which may be loaded by the fluid under pressure, wherein the damper device (10) is designed in such a manner that the moveable body (110) increases the pressure volume (V) in the presence of a pressure peak in the fluid. Furthermore the invention relates to a fluid pump (20, 40), particularly to a low-pressure pump (20), a single-piston pump (20) or a fuel pre-pump (20), particularly for a motor vehicle, comprising a damper device (10) according to the invention. Moreover, the invention relates to an injection system (1) particularly for a motor vehicle, comprising a fluid pump (20, 40) and/or a damper device (10) according to the invention. (Fig. 1)

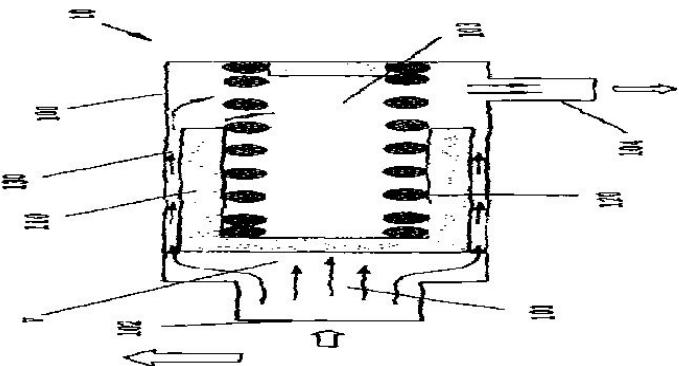


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.3859/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NEW POLYMORPHIC FORM OF 1- (4- { L-[(E) -4- CYCLOHEXYL -3- TRIFLUOROMETHYLBENZYLOXYIMINO] -ETHYL) -2- ETHYL-BENZYL) - AZETIDINE-3- CARBOXYLIC

(51) International classification	:C07D 205/04
(31) Priority Document No	:61/203,052
(32) Priority Date	:18/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/068346 :17/12/2009
(87) International Publication No	:WO 2010/071794
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)NOVARTIS AG

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(72)**Name of Inventor :**

1)LIU, YUGANG

2)PAPOUTSAKIS DIMITRIS

3)RODDY ELIZABETH

(57) Abstract :

This invention relates to a novel crystalline form (Form A) of 1-(4-{l-[(E)-4-cyclohexyl-3-trifluoromethyl-benzyloxyimino]-ethyl}-2-ethyl-benzyl)-azetidine-3-carboxylic acid (Compound I), to pharmaceutical compositions comprising this crystalline form, to processes for forming it and to its use in medical treatment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.4458/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A FAN ASSEMBLY

(51) International classification	:F04D 25/10
(31) Priority Document No	:0903674.0
(32) Priority Date	:04/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050268
Filing Date	:18/02/2010
(87) International Publication No	:WO 2010/100450
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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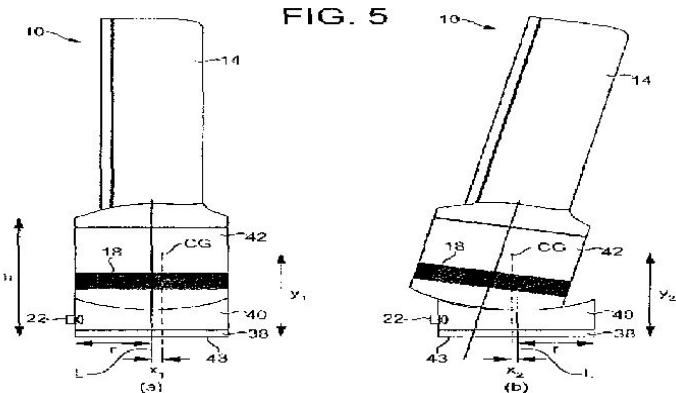
(72)Name of Inventor :

1)GAMMACK, PETER

(57) Abstract :

A fan assembly for creating an air current comprises an air outlet (14) mounted on a stand (12). The stand (12) comprises a base (38, 40) and a body (42) tiltable relative to the base (38, 40). The fan assembly has a centre of gravity (CG) located so that when the base is located on a substantially horizontal support surface, the projection of the centre of gravity on the support surface is within the footprint of the base when the body is in a fully tilted position.

FIG. 5



No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.4714/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR SELECTING CLOCK SOURCE IN SYNCHRONIZATION DIGITAL HIERARCHY NETWORK

(51) International classification	:H04L
(31) Priority Document No	:200910148676.4
(32) Priority Date	:25/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/076310
Filing Date	:31/12/2009
(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)ZTE CORPORATION

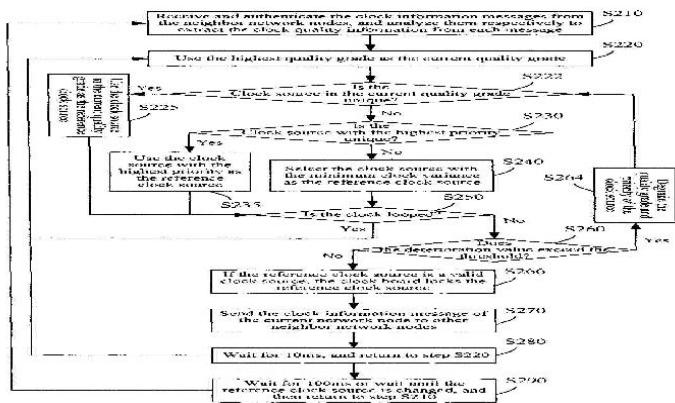
Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R. CHINA

(72)Name of Inventor :

1)GAO, RUI

(57) Abstract :

A method for selecting a clock source in Synchronization Digital Hierarchy (SDH) network and a clock module are provided in the present invention. The method includes: generating a clock information message based on the clock quality information in SDH network, and the clock module of every network node in said SDH network independently selects a clock source by using said clock information message. The method and clock module for selecting a clock source in SDH provided in the present invention enable automatic switch and recovery for a clock source, and effectively solve the problem of clock looping, and adequately maintain the compatibility with the existing system without increasing the cost of the system.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.4715/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLAR CELL MODULES COMPRISING AN ENCAPSULANT SHEET OF A BLEND OF ETHYLENE COPOLYMERS

(51) International classification	:C08L 23/08	(71) Name of Applicant :
(31) Priority Document No	:12/276846	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:24/11/2008	Address of Applicant :1007 MARKET STREET, WILMINGTON, DELAWARE 19898, U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/65595	(72) Name of Inventor :
Filing Date	:24/11/2009	1)CHOU, RICHARD, T.
(87) International Publication No	:WO 2010/060064	
(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 solar cell module comprising a polymeric encapsulant sheet, wherein the polymeric encapsulant sheet comprises a blend composition of an ethylene copolymer A and an ethylene copolymer B, the blend composition having a melt flow rate of less than 100 g/10 min, as determined in accordance with ASTM D1238 at 190°C and 2.16 kg, and wherein the ethylene copolymer A comprises copolymerized units of ethylene and about 3 to about 20 wt% of an ester or anhydride of a C4-C8 unsaturated acid having two carboxylic acid groups and the ethylene copolymer B comprises copolymerized units of ethylene and about 6 to about 40 wt% of a polar monomer selected from the group consisting of vinyl acetate, alkyl (meth)acrylates, and mixtures thereof

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.4110/DELNP/2011 A

(43) Publication Date : 27/09/2013

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

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

(71)Name of Applicant :

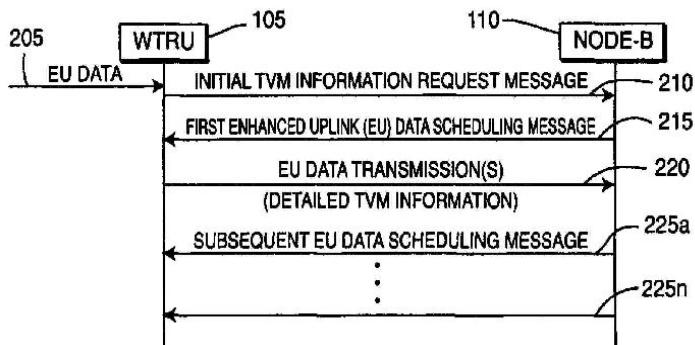
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(72)Name of Inventor :

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

(57) Abstract :

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



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.4478/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PROCESSES FOR THE PREPARTION OF ISOTHIAZOLE DERIVATIVES

(51) International classification	:A61K 31/425
(31) Priority Document No	:60/604,542
(32) Priority Date	:26/08/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/027398
Filing Date	:02/08/2005
(87) International Publication No	:WO 2006/026034
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1088/DELNP/2007
Filed on	:09/02/2007

(71)Name of Applicant :

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Address of Applicant :235 EAST 42ND STREET, NEW YORK, NEW YORK 10017-5755 U.S.A.

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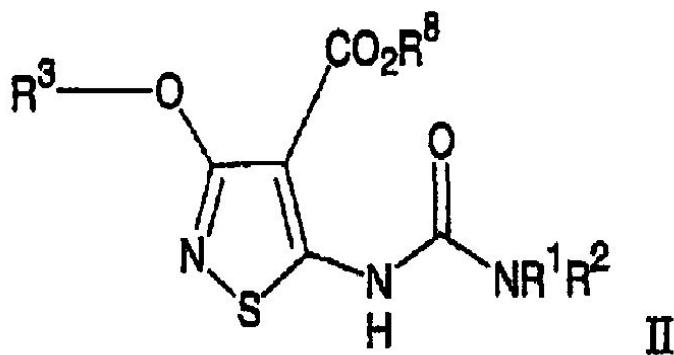
(72)Name of Inventor :

1)DAVID BURNS DAMON

2)BRIAN PATRICK JONES,

(57) Abstract :

A process for the preparation of a compound of Formula II or a pharmaceutically acceptable salt thereof, wherein; R1, R2, R3 and R8 are herein as described as in specification and claims.



No. of Pages : 58 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.4482/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HYPOALLERGENIC DERMATOLOGICAL COMPOSITION

(51) International classification	:A61K 36/899
(31) Priority Document No	:0857755
(32) Priority Date	:14/11/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2009/061971
Filing Date	:15/09/2009
(87) International Publication No	:WO 2010/054878
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PIERRE FABRE DERMO-COSMETIQUE

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(72)Name of Inventor :

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2)FABRE, BERNARD

3)TEYSSEYRE, VAL%RIE

4)BOE, JEAN-FRAN%OIS

5)CREBASSA TRIGUEROS, V%RONIQUE

(57) Abstract :

The invention relates to a hypoallergenic dermatological composition comprising an extract of aerial part of cereal or pseudocereal, excluding the grains, for use in persons allergic to cereals.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.4724/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : RADIO FREQUENCY TRANSPONDER SYSTEM

(51) International classification	:G01S 13/75
(31) Priority Document No	:2008906011
(32) Priority Date	:20/11/2008
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2009/001514
Filing Date	:20/11/2009
(87) International Publication No	:WO 2010/057263
(61) Patent of Addition 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 :WELLINGTON ROAD, CLAYTON,
VICTORIA, 3800, AUSTRALIA

(72)Name of Inventor :

1)KARMAKAR, NEMAI, CHANDRA

2)BALBIN, ISAAC

(57) Abstract :

A radio frequency transponder, including: a substrate; and at least one planar antenna on said substrate, said antenna having a shape determining a corresponding resonant frequency of said antenna; wherein said antenna causes a phase difference between backscattered signals generated in response to excitation of said antenna by orthogonally polarised interrogation signals at said resonant frequency, and said phase difference represents a code of said antenna. FIG.1

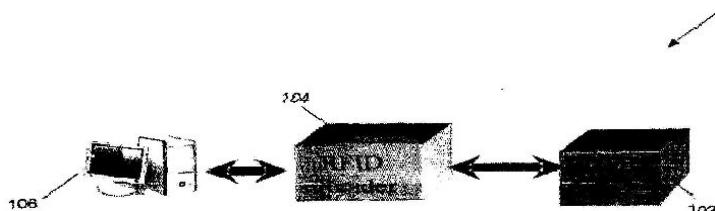


Figure 1

No. of Pages : 50 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.4727/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VALVE FOR SPRAYING COATING PRODUCT AND SPRAYGUN COMPRISING SUCH A VALVE

(51) International classification	:F16K 1/44
(31) Priority Document No	:08 58413
(32) Priority Date	:09/12/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/052454
Filing Date	:08/12/2009
(87) International Publication No	:WO 2010/067016
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAMES TECHNOLOGIES

Address of Applicant :13 CHEMIN DE MALACHER ZIRST,
F-38240 MEYLAN, FRANCE

(72)**Name of Inventor :**

1)STEPHANE ROBERT

(57) Abstract :

1. A valve (100; 200; 300) comprising: a body (101; 201; 301); - at least one first duct (111; 211; 311) for channeling the flow of a fluid; at least one second duct (112; 212; 312) for channeling the flow of a fluid; a first needle (130; 230; 330) mounted to move in translation, in a first direction (X112; X212; X312), between an open position and a closed position for opening and closing the or each first duct (111; 211; 311), the body (101; 201; 301) forming a first seat (123; 223) for the first needle (130; 230; 330); and a second needle (160; 260; 360) mounted to move in translation, in a second direction (X112; X212; X312), between an open position and a closed position for opening and closing the or each second duct (112; 212; 312); where the first direction (X112; X212; X312) and the second direction (X112; X212; X312) are parallel or coincide, the first needle (130; 230; 330) defines a recess (140; 240; 340) for receiving the second needle (160; 260; 360), the first needle (130; 230; 330) forms a second seat (136; 236) for the second needle (160; 260; 360) and the body (101; 201; 301) defines the first duct (111; 211; 311), and in that the second needle (160; 260; 360) has an internal cavity (170; 270) forming a portion of the second duct (112; 212; 312), the valve (100; 200; 300) being characterized in that: - the body (101; 201; 301) has an opening (104.1; 204.1) common to the first duct (111; 211; 311) and to the second duct (112; 212; 312) and - the first needle (130; 230; 330) and the second needle (160; 260; 360) come flush with said opening (104.1).

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.3699/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HUMAN ANTI TSHR ANTIBODIES

(51) International classification	:C07K 16/28
(31) Priority Document No	:0823562.4
(32) Priority Date	:24/12/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002946
Filing Date	:23/12/2009
(87) International Publication No	:WO 2010/073012
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)R S R LIMITED

Address of Applicant :AVENUE PARK, PENTWYN,
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(72)Name of Inventor :

1)REES SMITH, BERNARD

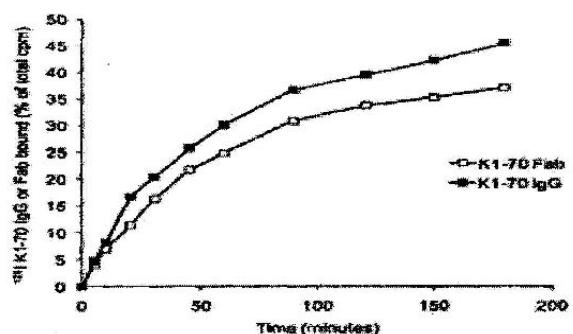
2)SANDERS, JANE

3)FURMANIAK, JADWIGA

(57) Abstract :

According to one aspect there is provided An isolated human antibody molecule which binds to the TSHR and which reduces ligand-induced stimulation of the TSHR but has no effect on TSHR constitutive activity wherein the isolated human antibody molecule has the characteristic of patient serum TSHR autoantibodies of inhibiting TSH and M22 binding to the TSHR.

Figure 1a Time course of binding of ^{125}I -labelled K1-70 IgG and Fab to TSHR (full strength) coated tubes



Non-specific binding & binding of labelled K1-70 IgG/Fab to tubes not coated with the TSHR was at below 2% of total cpm added and was not subtracted from the data shown in the Figure.

No. of Pages : 378 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2011

(21) Application No.3792/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PERSONAL CARE COMPOSITION IN THE FORM OF AN ARTICLE HAVING A POROUS, DISSOLVABLE SOLID STRUCTURE

(51) International classification	:A61K 8/02
(31) Priority Document No	:61/120,643
(32) Priority Date	:08/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/067130 :08/12/2009
(87) International Publication No	:WO 2010/077650
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)GLENN, ROBERT, WAYNE, JR.

2)HEINRICH, JAMES, MERLE

3)KAUFMAN, KATHY, MARY

4)RUSCHE, JOHN, ROBERT

5)KITKO, DAVID, JOHNATHAN

(57) Abstract :

The present invention relates to a dissolvable article in the form of a porous dissolvable solid structure, comprising from about 23% to about 75% surfactant; wherein the surfactant has an average ethoxylate/alkyl ratio of from about 0.001 to about 0.45; from about 10% to about 50% water soluble polymer; and from about 1% to about 15% plasticizer; and wherein the article has a density of from about 0.05 g/cm³ to about 0.25 g/cm³.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.3793/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : NOVEL PROCESS FOR SYNTHESIZING A PRECURSOR COMPOUND

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SRINATH BALAJI ARALIKATTI PRAHLADACHAR

2)RADHA ACHANATH

(57) Abstract :

The invention relates to a process for preparation of radiopharmaceutical precursors, and in particular protected amino acid derivatives which are used as precursors for production of radiolabelled amino acids for use in in vivo imaging procedures such as positron emission tomography (PET). Particularly, the invention relates to a process for preparation of a precursor useful in the preparation of the [18F]-l-amino-3-fluorocyclobutanecarboxylic acid ([18F] FACBC) PET tracer.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2011

(21) Application No.3794/DEL/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POWER CONVERSION SYSTEM AND METHOD

(51) International classification

:B03C

(31) Priority Document No

:12/979,909

(32) Priority Date

:28/12/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)VESTAS WIND SYSTEMS A/S
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THAILAND

(72)Name of Inventor :

**1)TRIPATHI, ANSHUMAN
2)KARUPPANAN, YUGARAJAN
3)OPINA, GIL JR. LAMPONG
4)GUPTA, AMIT KUMAR
5)ANG, ZHI YOONG**

(57) Abstract :

A power conversion system for converting electrical power from at least one power source includes a plurality of converter chains which couple the at least one power source to at least one load. At least two of the converter chains comprise an associated dissipating unit. The dissipating units are coupled via at least one switch. A controller is arranged to control the at least one switch to route power to be dissipated from one of the converter chains to the converter chain's associated dissipating unit, or to at least one of the other dissipating units, or to the converter chain's associated dissipating unit and to at least one of the other dissipating units, to cause corresponding dissipation of the power to be dissipated.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4764/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : BLOCKED MERCAPTOSILANE COUPLING AGENT

(51) International classification	:C07F 7/18
(31) Priority Document No	:0858931
(32) Priority Date	:22/12/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2009/067554
Filing Date	:18/12/2009
(87) International Publication No	:WO 2010/072685
(61) Patent of Addition 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)NICOLAS SEEBOOTH

2)KARINE LONGCHAMBON

3)LAURE BELIN

4)JOSE CARLOS ARAUJO DA SILVA

(57) Abstract :

The invention relates to a blocked mercaptosilane of general formula I below: (HO)₂R₁ - Si - Z - S - C (= O) - A in which: - R₁ represents a monovalent hydrocarbon-based group chosen from alkyls, which are linear or branched, cycloalkyls or aryls, having from 1 to 18 carbon atoms; - A represents hydrogen or a monovalent hydrocarbon-based group chosen from alkyls, which are linear or branched, cycloalkyls or aryls, having from 1 to 18 carbon atoms; - Z represents a divalent bonding group comprising from 1 to 18 carbon atoms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4765/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PREPARATIONS BASED ON FIBRINOGEN AND SULFATED POLYSACCHARIDES

(51) International classification :A61L 26/00
(31) Priority Document No :61/121,808
(32) Priority Date :11/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP09/066897
 Filing Date :11/12/2009
(87) International Publication No :WO 2010/066869
(61) Patent of Addition 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)FRIEDRICH SCEIFLINGER
3)HANS CHRISTIAN HEDRICH
4)KLAUS TSCHETSCHKOWITSCH
5)ADREAS GOPPELT

(57) Abstract :

The present invention provides a preparation comprising fibrinogen and a sulfated polysaccharide as a one component composition or as a kit of parts comprising fibrinogen and sulfated polysaccharide as separated components. The present invention further provides a fibrin clot like structure obtainable by a defined process, a hemostatic patch, a two-component syringe system and various uses of the described preparations, fibrin clot like structures and patches.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4429/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A NEW SYSTEM FOR SCREENING OF EPITHELIA PRE-CANCER WORLD-WIDE

(51) International classification	:G06F 19/00
(31) Priority Document No	:0820720.1
(32) Priority Date	:12/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2009/008074
Filing Date	:12/11/2009
(87) International Publication No	:WO 2010/054821
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NORCHIP A/S

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(72)Name of Inventor :

1)KARLSEN, FRANK

2)SKOMEDAL, HANNE

(57) Abstract :

The invention relates to in vitro methods of screening female human subjects for the presence of human papillomavirus, for example as a marker of cervical epithelial precancer. In particular, the invention provides methods and apparatus which can be used to filter a patient data set of measurements related to multiple HPV types according to the geographical location of the patient under test, so that only those measurements of HPV types which are pre-determined to be relevant for the geographical region in which the patient under test is located are selected for output/display.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.4662/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD AND APPARATUS FOR REGULATING SERVICE OF OPTICAL SYNCHRONOUS DIGITAL HIERARCHY NETWORK

(51) International classification	:H04J
(31) Priority Document No	:200910107934.4
(32) Priority Date	:11/06/2009
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2009/073887 :11/09/2009
(87) International Publication No	:WO 2010/142093
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN, GUANGDONG PROVINCE 518057, P.R. CHINA

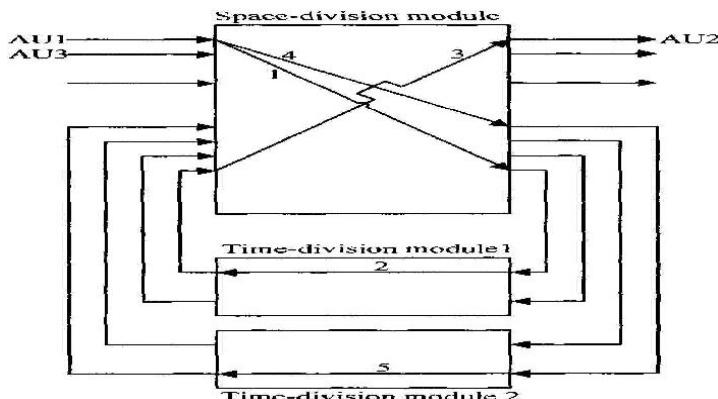
(72)Name of Inventor :

1)TU, XIAOPING

2)LV, JUN

(57) Abstract :

The present invention discloses a method and an apparatus for adjusting a service of optical synchronous digital hierarchy network, and the method for adjusting a service is used to adjust the cross path among the space-division module and at least two time-division modules, which comprises: at first configuring the input time-slot space-division cross path to the time-division module after adjustment in space-division module and the time-division cross path of the time-division module after adjustment; and configuring the output time-slot space-division cross path from the time-division module after adjustment in space-division module; deleting the original cross path formed by the time-division module before adjustment. The apparatus comprises: a first configuration unit used to configure the input time-slot space-division cross path to the time-division module after adjustment in space-division module and the time-division cross path of the time-division module after adjustment; a second configuration unit configuring the output time-slot space-division cross path from the time-division module after adjustment in the space-division module; deleting the original cross path formed by the time-division module before adjustment. The present invention can reduce the service instant-interrupt time to be less than 50ms.



No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4782/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR FABRICATING POLYMERS

(51) International classification	:C08F 10/00
(31) Priority Document No	:61/203,390
(32) Priority Date	:22/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/068438
Filing Date	:17/12/2009
(87) International Publication No	:WO 2010/075160
(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)MARK G. GOODE

2),MARIA POLLARD

3)KEVIN J. CANN

4)RONALD S. EISINGER

5)BARBARA J. KOPP

6)JOHN H. MOORHOUSE

(57) Abstract :

Disclosed herein are various methods and systems for gas and liquid phase polymer production. In certain embodiments, the methods comprise manipulating properties of polymers produced by adjusting the hydrogen feed rate.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4784/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INTRAVASCULAR INDWELLING CATHETER LOCK SOLUTION CONTAINING WEAK ACID AND CONTAINER CONTAINING THE SAME

(51) International classification	:A61M	(71) Name of Applicant :
(31) Priority Document No	:NA	1)JMS CO., LTD
(32) Priority Date	:NA	Address of Applicant :12-17 KAKOMACHI, NAKA-KU
(33) Name of priority country	:NA	HIROSHIMA-SHI, HIROSHIMA 730-8652, Japan
(86) International Application No	:PCT/JP2008/072186	(72) Name of Inventor :
Filing Date	:05/12/2008	1)KIMURA, YUKO
(87) International Publication No	:NA	2)SUZUKI, KOJI
(61) Patent of Addition to Application Number	:NA	3)IWATA,MINORU
Filing Date	:NA	4)IWAMOTO, SUMIKA
(62) Divisional to Application Number	:NA	5)YAMAMOTO, TAKASHI
Filing Date	:NA	

(57) Abstract :

A catheter lock solution which is a catheter lock preparation having a bacteriostatic property at physiological osmotic pressure without practically containing a bacteriostatic component such as a preservative, an antimicrobial agent, or an antibiotic and having high safety, characterized in that the preparation contains a weak acid having an acid dissociation constant (pK_a) of 3.0 to 6.5 as a buffer, a pH of the solution is less than 6.0, preferably from 3.0 to about 5.5, an osmotic pressure ratio is from 0.5 to 3.0, and a pH change (variation) can be suppressed to less than the 6.0 with the weak acid, and a container containing the catheter lock solution.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4788/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PERSONAL CARE ARTICLE FOR SEQUENTIALLY DISPENSING COMPOSITIONS WITH DIFFERENT FRAGRANCES

(51) International classification	:A61K 8/02	(71)Name of Applicant :
(31) Priority Document No	:12/361,474	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:28/01/2009	Address of Applicant :ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/022354 :28/01/2010	1)CETTI, JONATHAN, ROBERT 2)PUTMAN,CHRISTOPHER, DEAN 3)VELARDE, ANDREAS, ERNESTO 4)LEHNHOFF, KAREN 5)SMITH, EDWARD, DEWEY, III 6)PLOS,JULIEN, CLAUDE 7)SCAVONE, TIMOTHEY, ALAN 8)WITT, STEVEN, EDWARD 9)BENJAMIN, JOYCE, MARIE 10)CRISP, CYNTHIA, LOUISE
(87) International Publication No	:WO 2010/088349	
(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 personal-care article for dispensing and or applying a personal-care product that comprises a package and a personal-care product. The package comprises at least one chamber, a dispensing orifice, a first zone proximate to the dispensing orifice and a second zone distal to the dispensing orifice, wherein the first zone and the second zone are both located in the at least one chamber. The personal-care product comprises a first personal-care composition substantially disposed within the first zone and the second personal-care composition substantially disposed within the second zone. The first composition comprises a first fragrance releaseably associated with a suppressing agent and the second composition comprises a second fragrance releaseably associated with a suppressing agent; wherein the first fragrance is different from the second fragrance.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3935/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD OF DERIVING CENTRAL AORTIC SYSTOLIC PRESSURE VALUES AND METHOD FOR ANALYSING AN ARTERIAL DATASET TO DERIVE THE SAME

(51) International classification	:A61B 5/021
(31) Priority Document No	:PCT/SG2008/000468
(32) Priority Date	:05/12/2008
(33) Name of priority country	:
(86) International Application No	:PCT/SG2008/000468
Filing Date	:05/12/2008
(87) International Publication No	:WO 2010/064993
(61) Patent of Addition 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)TING CHOON MENG

2)CHUA NGAK HWEE

3)PEH WEE LENG

(57) Abstract :

A method, system and computer readable medium for deriving central aortic systolic pressure by reversing the order of a set of predetermined number of blood pressure measurements to obtain a reversed blood pressure set; averaging the reversed blood pressure set such that the average set represents a moving average waveform; overlaying the reversed blood pressure set and the moving average waveform; identifying a point of intersection on the reversed arterial waveform and the moving average waveform, and setting the central aortic systolic pressure as a reversed blood pressure value in the reversed blood pressure set nearest to the point of intersection.

No. of Pages : 40 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.3936/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SOLUBLE POLYPEPTIDES FOR USE IN TREATING AUTOIMMUNE AND INFLAMMATORY DISORDERS

(51) International classification	:C07K 14/435
(31) Priority Document No	:08172369.4
(32) Priority Date	:19/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/067411
Filing Date	:17/12/2009
(87) International Publication No	:WO 2010/070047
(61) Patent of Addition 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)RAYMOND MARIANNE

2)SARFATI MARIE

3)WELZENBACH KARL

4)WOISETSCHLAEGER MAXIMILIAN

(57) Abstract :

The present invention relates to soluble CD47 binding polypeptides, for use as a medicament, in particular for the prevention or treatment of autoimmune and inflammatory disorders, for example allergic asthma and inflammatory bowel diseases. The Invention more specifically relates to a soluble CD47 binding polypeptide for use as a medicament, comprising an extracellular domain of SIRPa (CD172a) or functional derivatives which bind to human CD47.

No. of Pages : 79 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.4438/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FIRE SUPPRESSION APPARATUS AND METHOD FOR GENERATING FOAM

(51) International classification	:A62C 35/00
(31) Priority Document No	:12/291,784
(32) Priority Date	:13/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005349
Filing Date	:28/09/2009
(87) International Publication No	:WO 2010/056264
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HENRY, DARREN SEAN

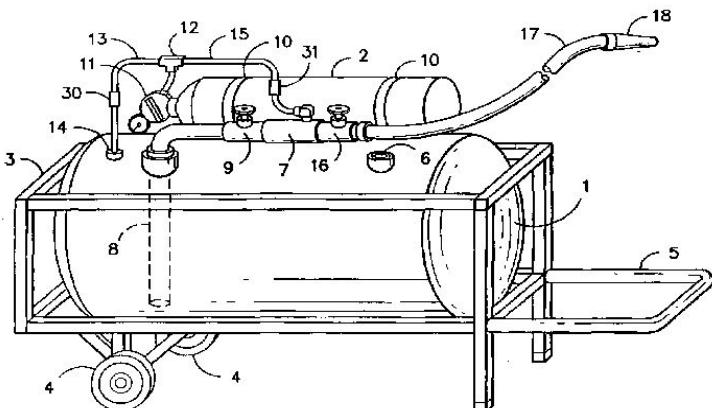
Address of Applicant :108 BENFIELD RIDGE,
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(72)Name of Inventor :

1)HENRY, DARREN SEAN

(57) Abstract :

A fire suppression apparatus and method of generating foam are provided in which a foam-forming liquid is introduced under high velocity and pressure into a mixing manifold through a plurality of jets, and a non-combustible gas is introduced under high velocity and pressure into the center of the mixing manifold, downstream of the jets and in the direction of flow of the foam-forming liquid. The foam generated in the mixing manifold is discharged through a hose and nozzle connected to the mixing manifold. The apparatus may be a self-contained unit, supported on a frame, with its own supply of foam-forming liquid and non-combustible gas.



No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.4676/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : INDIVIDUALIZED CANCER TREATMENT

(51) International classification	:G06F 19/00
(31) Priority Document No	:61/155,898
(32) Priority Date	:18/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065011
Filing Date	:18/11/2009
(87) International Publication No	:WO 2010/059742
(61) Patent of Addition 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)LEHRER, RAPHAEL

2)COOPERSMITH, ROBERT

(57) Abstract :

Methods to formulate treatments for individual cancer patients by assessing genomic and/or phenotypic differences between cancer and normal tissues and integrating the results to identify dysfunctional pathways are described.

No. of Pages : 109 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4805/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : CELULASE CEL5H RELATED REAGENTS AND THEIR USE IN MICROORGANISMS

(51) International classification	:C12N 9/42	(71)Name of Applicant :
(31) Priority Document No	:08291120.7	1)TOTAL S.A.
(32) Priority Date	:28/11/2008	Address of Applicant :2 PLACE JEAN MILLIER, LA DEFENSE 6, F-92400 COURBEVOIE,FRANCE
(33) Name of priority country	:EPO	2)LE CENTRE NATIONAL DE RECHERCHE SCIENTIFIQUE (CNRS)
(86) International Application No	:PCT/EP2009/065922	3)L'UNIVERSITE DE LA MEDITERRANEE
Filing Date	:26/11/2009	4)L'UNIVERSITE DE PROVENCE
(87) International Publication No	:WO 2010/060964	5)L'INSTITUT NATIONAL DES SCIENCES APPLIQUEES (INSA)
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)FIERROBE, HENRI-PIERRE
(62) Divisional to Application Number	:NA	2)CHANAL-VIAL, ANGELIQUE
Filing Date	:NA	3)MOLINIER, ANNE-LAURE
		4)TARDIF, CHANTAL
		5)DEDIEU, LUE

(57) Abstract :

The invention relates to applications of the cellulase Cel5H of *Saccharophagus degradans* and its homologues, functional fragments and/or variants and engineered forms thereof, in the context of recombinant, more particularly solventogenic microorganisms, more particularly *C. acetobutylicum*. The invention also characterises a novel domain of the Cel5H cellulase with a putative cellulose-binding module function, and its uses in chimeric proteins for depolymerisation of cellulose containing substrates.

No. of Pages : 80 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4806/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : APPLYING A DESIGN ON A TEXTILE

(51) International classification	:B05D 1/14
(31) Priority Document No	:2008/1016
(32) Priority Date	:22/12/2008
(33) Name of priority country	:Ireland
(86) International Application No	:PCT/US2009/069277
Filing Date	:22/12/2009
(87) International Publication No	:WO 2010/075436
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ILLINOIS TOOL WORKS INC.

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GLENVIEW IL 60026-1215, U.S.A.

(72)Name of Inventor :

1)CREMIN, CELINE, M

2)MOLONEY, PADRAIG, M.

(57) Abstract :

An applique for applying a design to a fabric includes a flock in a predetermined multi-colour pattern retained by a flock adhesive and an application adhesive suitable for adhering the applique to a fabric. A garment or piece of fabric having an applique and a method of decorating a fabric by applying an applique using an application adhesive are disclosed.

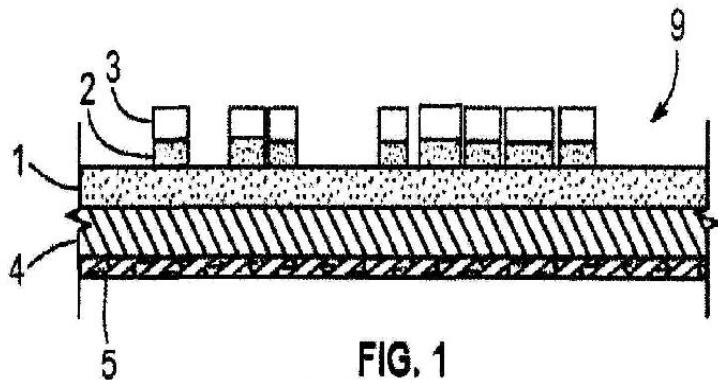


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.3949/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SIMPLE METHOD AND SYSTEM FOR RECYCLING MOTHER LIQUOR OF PTA APPARATUS EFFICIENTLY

(51) International classification	:C07C 51/42
(31) Priority Document No	:200810238996.4
(32) Priority Date	:08/12/2008
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2009/075352 :07/12/2009
(87) International Publication No	:WO 2010/066181
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)CHINA NATIONAL PETROLEUM CORPORATION

Address of Applicant :NO. 9, DONGZHIMEN NORTH STREET, DONGCHENG DISTRICT, BEIJING 10007 China

**2)CHINA TEXTILE INDUSTRIAL ENGINEERING
INSTITUTE**

(72)**Name of Inventor :**

- 1)WENDE LUO**
- 2)HUATANG ZHOU**
- 3)RUIKUI YAO**
- 4)CHUN ZHANG**
- 5)MENGHE CHEN**
- 6)LIJUN LI**
- 7)JUN YUAN**

(57) Abstract :

Disclosed is a simple method for recycling the refinement mother liquor of PTA apparatus efficiently and a system used in the method. The method comprises the following steps: (1) the refinement mother liquor is cooled by heat exchange method; (2) the cooled refinement mother liquor is processed by ultrafiltration, and the ultrafiltration concentrated solution is returned to oxidation unit; (3) the ultrafiltration filtrate is processed by ion exchanging; at first, Co and Mn ions in the filtrate are selectively adsorbed, and Co and Mn desorption liquid is recycled as catalyst, then other metal ions are adsorbed; and (4) the liquid after ion exchanging is used as the endothermic medium of step (1) to heat exchange with the refinement mother liquor, and after warming, a small part is emitted, and the majority is transmitted to a drying spray tower for spraying. The system comprises a heat exchange system, an ultrafiltration system, an ion exchanging system and a drying spray tower. The method has the following advantage; the treating process is greatly simplified; the investment cost and operation cost are reduced; the energy consumption is lowered; the method is benefited to environment protection and energy saving; and the economic benefit is also increased.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.4464/DELNP/2011 A

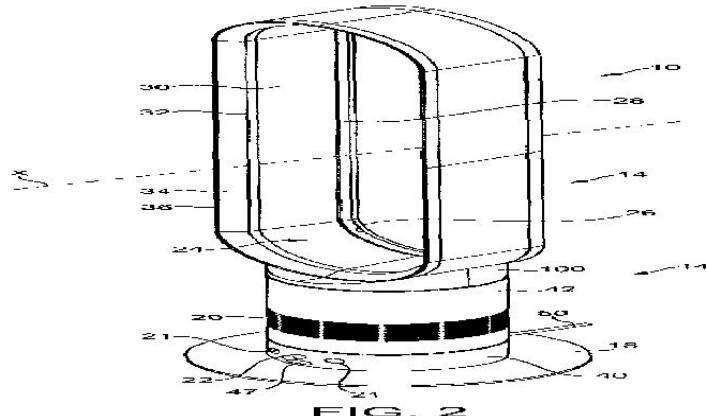
(43) Publication Date : 27/09/2013

(54) Title of the invention : A FAN ASSEMBLY

(51) International classification	:F04F 5/16	(71) Name of Applicant :
(31) Priority Document No	:0903693.0	1)DYSON TECHNOLOGY LIMITED
(32) Priority Date	:04/03/2009	Address of Applicant :TETBURY HILL, MALMESBURY
(33) Name of priority country	:U.K.	WILTSHIRE, SN16 0RP UNITED KINGDOM
(86) International Application No	:PCT/GB2010/050274	(72) Name of Inventor :
Filing Date	:18/02/2010	1)GAMMACK, PETER DAVID
(87) International Publication No	:WO 2010/100455	2)DYSON, JAMES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fan assembly for creating an air current comprises an air inlet (20), an air outlet (14), an impeller (64) and a motor (68) for rotating the impeller to create an air flow passing from the air inlet to the air outlet. The air outlet (14) comprises an interior passage (94) for receiving the air flow and a mouth (26) for emitting the air flow. The air outlet defines an opening (24) through which air from outside the fan assembly is drawn by the air flow emitted from the mouth. The motor (68) has a rotor which, in use, is capable of rotating at a speed of at least 5,000 rpm.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4824/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR TREATING A GASIFICATION SLAG PRODUCT

(51) International classification

:C10J 3/52

(31) Priority Document No

:61/146,189

(32) Priority Date

:21/01/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/020220

Filing Date

:06/01/2010

(87) International Publication No

:WO 2010/090784

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

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(72)Name of Inventor :

1)ALBERT C. TSANG

2)MAX W. THOMPSON

3)RICK Q. HONAKER

(57) Abstract :

1. A system comprising: a) a hindered-bed settler for fluidizing and segregating said slag product into an overflow stream containing carbon particles and an underflow stream; b) a gravity settler for separating said overflow stream into a carbon stream and wash water; and c) a recycle water tank for recycling said wash water, wherein said wash water in said recycle water tank is recycled back into said hindered-bed settler and said carbon stream is recycled back into said gasifier.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4825/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A BEARING ASSEMBLY

(51) International classification	:F16C 33/62
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/068239
Filing Date	:23/12/2008
(87) International Publication No	:WO 2010/072266
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AKTIEBOLAGET SKF

Address of Applicant :41550 GOTEBORG, SWEDEN

(72)Name of Inventor :

1)FRANCESCO GALLUCCI

2)ROBERTO MOLA

(57) Abstract :

A bearing assembly (10) provided with a rolling bearing unit (20) having an outer ring (21) provided with a centring flange (21 f) with a peripheral edge (21) and an inner ring (22) provided with a relevant centring flange (22f) with a relevant peripheral edge (28) with a contact configuration for rolling elements, a plastic modular body (50) which snapped fixed on the bearing unit (20) and is radially limited by a radially outer, axial cylindrical surface (11) integral with the outer ring (21) and a radially inner, axial cylindrical surface (12) integral with the inner ring (22) ; coupling device (80) being provided to join mechanically the plastic body (50) to the bearing unit (20) so as peripheral edges (27, 28) partly define the relevant cylindrical surfaces (11, 12), and the plastic modular body (50) being provided, for each ring (21) (22) , with two annular bodies (62, 64) (71, 73) which are mounted on either side of said central flange (21 f, 22f) .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.4415/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : A METHOD OF SELF ORGANIZED COMMUNICATION

(51) International classification	:G06F 17/00
(31) Priority Document No	:PI 20084515
(32) Priority Date	:11/11/2008
(33) Name of priority country	:Malaysia
(86) International Application No	:PCT/MY2009/000188
Filing Date	:09/11/2009
(87) International Publication No	:WO 2010/056104
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MIMOS BERHAD

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(72)**Name of Inventor :**

1)AL-TALIB, SAHAR, A.

2)ABBAS, MAZLAN

3)MOHD ALI, BORHANUDDIN

(57) Abstract :

There Is provided a method that allows adding complex dependency logic to an existing database for self organized system without having to modify the underlying structure of the database. The present invention provides a way to flexibly handle record state transitions by using an event model. In other embodiment of the present invention an event meta-model is instantiated to represent a number of different event models and the corresponding dependencies that inter-relate them. Hash algorithm approach may be implemented for building the self-organized communication system database.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.4689/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : ASSAY DEVICE AND METHOD FOR PERFORMING BIOLOGICAL ASSAYS

(51) International classification	:B01L 3/00
(31) Priority Document No	:61/140,328
(32) Priority Date	:23/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CH09/000412
Filing Date	:23/12/2009
(87) International Publication No	:WO 2010/072011
(61) Patent of Addition 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)NICOLAS DEMIERRE

2)DONZEL NADER

3)JOSE GIL

4)PHILIPPE RENAUD

(57) Abstract :

A trailer includes a coupling to attach the trailer to a tractor, and a frame attached to the coupling. The frame is positionable as a single unit about a container such that the frame can be attached to the container in four regions of the container to lift the container. The trailer has road wheels for long-haul transportation over road systems. The trailer frame can be positioned about the container by laterally expanding and retracting, pivoting about a horizontal axis, and pivoting about a vertical axis.

No. of Pages : 56 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4819/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SUPPRESSION OF ANTAGONISTIC HYDRATION REACTIONS IN BLENDED CEMENTS

(51) International classification	:C04B 7/32
(31) Priority Document No	:61/140,341
(32) Priority Date	:23/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062712
Filing Date	:30/10/2009
(87) International Publication No	:WO 2010/074811
(61) Patent of Addition 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)DENISE A. SILVA

2)JOSEPHINE CHEUNG

3)PAUL SANDBERG

4)LAWRENCE R. ROBERTS

5)DURGA V.SUBRAMANIAN

6)JOHN L. GALLAGHER

7)LAWRENCE L. KUO

(57) Abstract :

Method for suppressing antagonistic hydration reactions in Portland fly ash cement involves the use of unponded fly ash that is pre-hydrated, preferably as an aqueous slurry wherein fly ash, preferably having an alkaline earth metal oxide of at least 10% by weight, is soaked, whereby the hydration reaction of the resultant mixed fly ash and cement is accelerated when these components are mixed together with water to hydrate the cement. Blended Portland cement/fly ash compositions of the invention will also have higher early strength as well as shorter set time compared to untreated blends.

No. of Pages : 46 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4820/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : VACUUM CHAMBER FOR COATING INSTALLATIONS AND METHOD FOR PRODUCING A VACUUM BHAMBER FOR COATING INSTALLATIONS

(51) International classification	:B01J 3/03
(31) Priority Document No	:61/146,016
(32) Priority Date	:21/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP09/007703
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/083856
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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TRUBBACH, SWITZERLAND

(72)**Name of Inventor :**

1)MARKUS ESSELBACH

(57) Abstract :

A vacuum chamber (1) for coating installations is provided, wherein the vacuum chamber (1) has a bottom plate (6) and a top plate (2), which are connected to each other by struts (4) running substantially perpendicularly to the bottom plate (6) and the top plate (2), wherein a plurality of openings (9) are defined by the bottom plate (6), the top plate (2) and the struts (4), and wherein at least a portion of a front edge (15') of the bottom plate (6) and a portion of the front edge (15) of the top plate (2) form together with two struts (4) a sealing area, running around one opening (9) of the multiplicity of openings (9), for an insert plate (8) that can be inserted into the opening (9). In addition, a method for producing a vacuum chamber (1) for coating installations is provided, comprising the following steps: putting together a frame which has a bottom plate (6), a top plate (2) and struts (4), which connect the bottom plate (6) and the top plate (2), and welding the bottom plate (6) and the top plate (2) to the struts (4).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4821/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : FLAME-PROTECTED IMPACT STRENGTH MODIFIED POLYCARBONATE COMPOUNDS

(51) International classification	:C08L 69/00
(31) Priority Document No	:10 2008 062903.0
(32) Priority Date	:23/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP09/008965
Filing Date	:15/12/2009
(87) International Publication No	:WO 2010/072350
(61) Patent of Addition 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)VERA TASCHNER

2)THOMAS ECKEL

3)ACHIM FELDERMANN

4)ECKHARD WENZ

5)DIETER WITTMANN

(57) Abstract :

The present invention relates to impact strength modified polycarbonate compounds comprising a graft polymer comprising silicon acrylate composite rubber as a graft basis, wherein the proportion of silicone rubber is 65 - 95 % by weight (relative to the graft basis), talc having a d98-value (also known as a top cut) of less than 20 µm, and phosphoric flame-protection agents, to the use of the polycarbonate compounds for producing molded parts, and to the molded parts themselves. The compositions and molding compounds according to the invention comprise an optimal combination of good flame protection, good chemical and hydrolysis resistance, and good mechanical properties (particularly high E-modulus and high notch impact toughness aK).

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.4719/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR REGENERATING AN OPEN PARTICLE SEPARATOR

(51) International classification	:F01N 9/00
(31) Priority Document No	:10 2008 058 418.5
(32) Priority Date	:21/11/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/064657
Filing Date	:05/11/2009
(87) International Publication No	:WO 2010/057780
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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LOHMAR (DE) Germany

(72)Name of Inventor :

1)HODGSON, JAN
2)BRUCK, ROLF

(57) Abstract :

The invention relates to a method for regenerating an open particle separator, comprising at least the following steps: a) establishing at least one parameter (7) as a characteristic of the regeneration capability of the open particle separator (1); b) comparing the at least one parameter (7) with a first threshold value (4); c) determining at least one portion (3) of a comparison time period (2) at which the parameter (7) has reached the first threshold value (4); d) comparing the portion (3) having a first minimum portion that corresponds to a minimum regeneration time in the comparison time period (2); and e) taking measures to influence the parameter (7) so that said parameter lies at least according to the first minimum portion and the first threshold (4) is reached and/or the open particle separator (1) is regenerated.

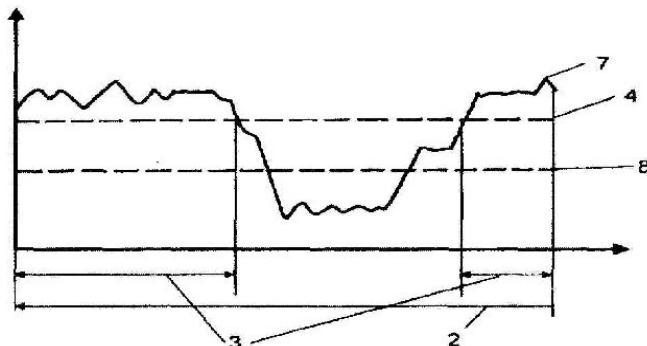


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4832/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : METHOD FOR DETERMINING AZIMUTH AND ELEVATION ANGLES OF ARRIVAL OF COHERENT SOURCES

(51) International classification	:G01S 3/74
(31) Priority Document No	:0807404
(32) Priority Date	:23/12/2008
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2009/065663 :23/11/2009
(87) International Publication No	:WO 2010/072494
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ANNE FERREOL

2)JEREMY BRUGIER

3)PHILIPPE MORGAND

(57) Abstract :

The present invention relates to a method for jointly determining the azimuth angle θ and the elevation angle Δ of the wave vectors of P waves in a system comprising an array (1001) of sensors, a number of waves out of the P waves being propagated along coherent or substantially coherent paths between a source and said sensors, the method comprising at least the following steps: ■ selecting a subset of sensors from said sensors to form a linear subarray (1002) of sensors; ■ applying, to the signals from the chosen subarray, an algorithm according to a single dimension to decorrelate the sources of the P waves; ■ determining a first component w of said wave vectors by applying, to the signals observed on the sensors of the chosen subarray, a goniometry algorithm according to the single dimension w; ■ determining a second component u of said wave vectors by applying a goniometry algorithm according to the single dimension u to the signals from the entire array of sensors; ■ determining θ and Δ from w and u. Figure 10 to be published

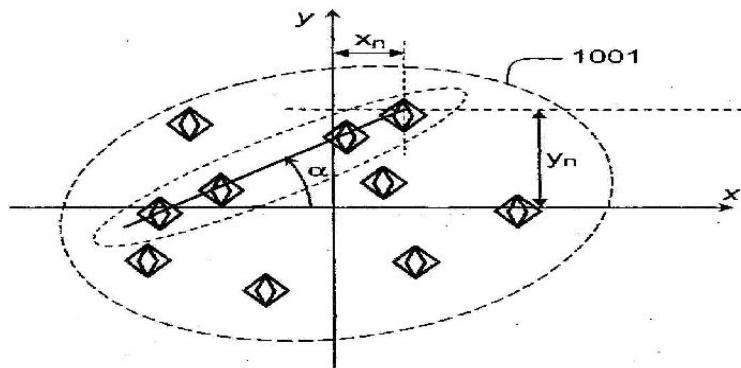


FIG.10

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4834/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : POWDER COATING COMPOSITION WITH NEW PIGMENT

(51) International classification	:C09D 5/03
(31) Priority Document No	:61/203,109
(32) Priority Date	:18/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/068208
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/080429
(61) Patent of Addition 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)VISSCHER, KARYN, B.

4)YOKOYAMA, AYUMU

5)DECKER, OWEN, H.

(57) Abstract :

The present invention provides a powder coating composition comprising an intimate mixture of A1) at least one film forming resin binder, B1) 0.1 to 50 wt%, based on total weight of the powder coating composition, of at least one modified encapsulated titanium dioxide, and C1) optionally, at least one crosslinking agent in an effective amount to cure said powder coating composition wherein the components A1), B1) and C1) are not reacted prior to being mixed together. The present invention provides a powder coating composition which exhibits improved appearance with regard to the coatings, particularly higher DOI (distinctness of image) which relates to reduced orange peel, lower haze and better flow as well as higher adhesion, impact resistance and durability of the coatings.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4835/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SYSTEM AND METHODS FOR IMPROVING THE INTELLIGIBILITY OF SPEECH IN A NOISY ENVIRONMENT

(51) International classification	:G10L 21/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2008/051518
Filing Date	:19/12/2008
(87) International Publication No	:WO 2010/071521
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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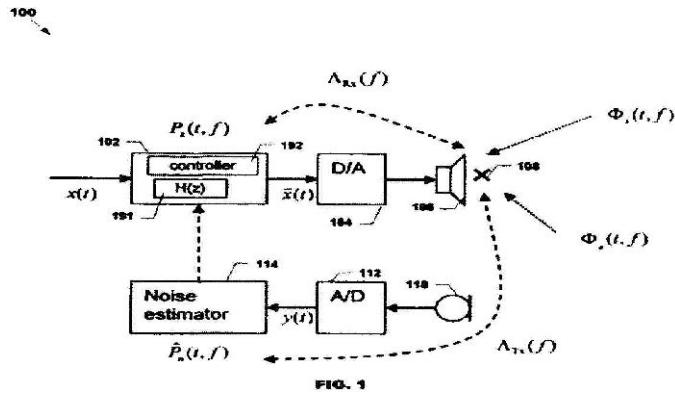
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1)ERIKSSON, ANDERS

2)AHGREN, PER

(57) Abstract :

One aspect of the invention provides a method for enhancing speech output by an electro-acoustical transducer in a noisy listening environment. In some embodiments, this method includes: filtering an input audio signal $x(t)$ using a filter $H(z)$ to produce a filtered audio signal $\bar{x}(t)$ formula (I), wherein $x(t)$ formula (I) = $H(z)x(t)$; providing to an electro-acoustical transducer a signal corresponding to the filtered audio signal $\bar{x}(t)$ formula (I) to produce a sound wave corresponding to the filtered audio signal; and prior to filtering the audio signal using the filter, configuring the filter such that, with respect to one or more frequencies, the filtered audio signal has a higher signal level than the input audio signal, and such that the overall signal level of the filtered audio signal (slf) is substantially related to the overall signal level of the input signal (slr) such that $si/si = slr/xc$.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.4449/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : LOW-MOLECULAR POLYSULFATED HYALURONIC ACID DERIVATIVE AND MEDICINE CONTAINING SAME

(51) International classification	:C07H 15/04
(31) Priority Document No	:2009-021820
(32) Priority Date	:02/02/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/000583 :01/02/2010
(87) International Publication No	:WO 2010/087207
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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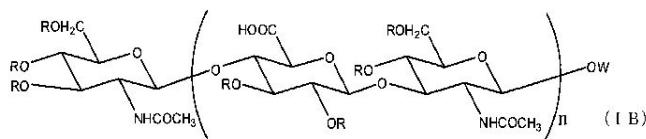
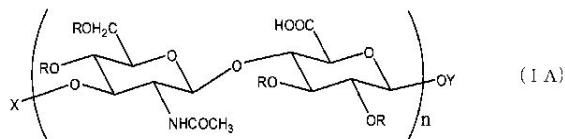
16)YOKO SAKAMOTO

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(57) Abstract :

A low-molecular-weight polysulfated hyaluronic acid derivative useful for prevention and/or treatment of an allergic disease. An agent for prevention and/or treatment of an allergic disease selected from pollinosis, allergic rhinitis, allergic conjunctivitis, atopic dermatitis, and asthma, represented by the following general formula (IA) or (IB); wherein n represents a number of 0 to 15; R's each independently represent a hydrogen atom or an SO₃H group etc.



No. of Pages : 214 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2011

(21) Application No.4810/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : PHYTASE, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM

(51) International classification	:C12Q 1/34
(31) Priority Document No	:09/866,379
(32) Priority Date	:24/05/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2002/16482
Filing Date	:24/05/2002
(87) International Publication No	:WO 2002/095003
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3129/DELNP/2004
Filed on	:12/10/2004

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5)GARRETT, JAMES BRIAN

6)O DONOGHUE, EILEEN

(57) Abstract :

The invention provides for methods, for the preparation and isolation of novel recombinant phytase enzyme. In one aspect, the phytase are produced by modification of wild type appA of E coli. The enzyme can be produced from recombinant host cells. The phytase of this invention can be used to aid in digestion of phytate where desired. In particular, the phytase of the invention cab be used in foodstuffs to improve feeding value of phytate rich ingredients. The phytase of the invention can be thermotolerant and/or thermo stable. Also provided are methods for obtaining a variant polypeptide encoding a phytase and for obtaining a phytase with thermo stability or thermotolerant at high or low temperatures.

No. of Pages : 212 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4811/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : SALT FORMS OF ORGNIC COMPOUND

(51) International classification	:C07D 473/04
(31) Priority Document No	:08172785.1
(32) Priority Date	:23/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP09/067772
Filing Date	:22/12/2009
(87) International Publication No	:WO 2010/072776
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH

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(72)Name of Inventor :

**1)PETER SIEGER
2)WALDEMAR PFRENGLE**

(57) Abstract :

The present invention relates to novel salt forms of a certain DPP-4 inhibitor and their use in pharmaceutical compositions useful in the treatment of type 2 diabetes, as well as their production.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4812/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : IMPACT STRENGTH MODIFIED POLYCARBONATE COMPOUNDS

(51) International classification

:C08L 25/12

(31) Priority Document No

:10 2008 062 904.9

(32) Priority Date

:23/12/2008

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP09/008817

Filing Date

:10/12/2009

(87) International Publication No

:WO 2010/072335

(61) Patent of Addition 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)ACHIM FELDERMANN

(57) Abstract :

The present invention relates to impact strength modified polycarbonate compounds comprising a first graft poly-mer based on silicon acrylate composite rubber as a graft basis, wherein the proportion of silicone rubber is 65 - 95 % by weight (relative to the graft basis), a second graft polymer comprising free copolymer, that is, not bonded to the rubber, having a weight-averaged mean molecular weight of 60000 to 150000 g/mol, to the use of the polycarbonate compounds for producing molded parts, and to the molded parts themselves. The compositions and molding compounds according to the invention comprise an op-timal combination of good elongation at rupture, good hydrolysis resistance, and low melting viscosity.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4814/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : HOT-RUNNER SYSTEM HAVING NANO-STRUCTURED MATERIAL

(51) International classification	:A23P 1/00
(31) Priority Document No	:61/140,172
(32) Priority Date	:23/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067473
Filing Date	:10/12/2009
(87) International Publication No	:WO 2010/074984
(61) Patent of Addition 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)MANON BELZILE
2)JOHN KNAPP
3)PATRICE FABIEN GAILLARD
4)EDWARD JOSEPH JENKO
5)ABDESLAM BOUTI
6)PAUL R. BLAIS

(57) Abstract :

Disclosed is a hot-runner system of an injection molding system, the hot-runner system comprising a hot-runner component, including: a material, and a nano-structured material being combined with the material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2011

(21) Application No.4815/DELNP/2011 A

(43) Publication Date : 27/09/2013

(54) Title of the invention : USE OF A FOAMABLE COMPOSITION ESSENTIALLY FREE OF PHARMACEUTICALLY ACTIVE INGREDIENTS FOR THE TREATMENT OF HUMAN SKIN

(51) International classification	:A61K 9/12
(31) Priority Document No	:08022333.2
(32) Priority Date	:23/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP09/009350
Filing Date	:22/12/2009
(87) International Publication No	:WO 2010/072422
(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)INTENDIS GMBH

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BERLIN, Germany

(72)**Name of Inventor :**

1)KLAUS GRAUPE

2)GERALD

(57) Abstract :

The present invention related to the use of a pharmaceutical composition which is essentially free of pharmaceutically active ingredients for the treatment of human skin, especially in the treatment of rosacea, acne, atopic dermatitis, contact dermatitis, perioral dermatitis, psoriasis or neurodermitis.

No. of Pages : 24 No. of Claims : 7

CONTINUED TO PART- 2