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शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

(Chaitanya Prasad)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

11TH JANUARY, 2013

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**THE PATENT OFFICE
KOLKATA, 11/01/2013**

Address of the Patent Offices/Jurisdictions

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

1	<p>Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in</p>	4	<p>The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in</p> <ul style="list-style-type: none"> ❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
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> <ul style="list-style-type: none"> ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli 	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> <ul style="list-style-type: none"> ❖ Rest of India
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> <ul style="list-style-type: none"> ❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh. 		

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

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 11/01/2013
कार्यालयों के क्षेत्राधिकार के पते
विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ
नीचे दिए गए हैं :-

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

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

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

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

SPECIAL NOTICE

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

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

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

(Chaitanya Prasad)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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



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भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

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संख्या/No. : H-45011/L/2004-Admn.

दिनांक/Date: 17-12-2012

LIST OF HOLIDAYS FOR THE YEAR - 2013

The following days have been declared as Holidays to be observed by the Patent Office Kolkata during the year 2013.

Sl. No.	Holidays & Connected Festivals	Date	Days of Week
1.	Id-E-Milad/ Prophet Mohammad's Birthday	January 25	Friday
2.	Republic Day	January 26	Saturday
3.	Holi/Dolyatra in West Bengal	March 27	Wednesday
4.	Good Friday	March 29	Friday
5.	Vaisakhadi (Bengal)	April 15	Monday
6.	Mahavir Jayanti	April 24	Wednesday
7.	Buddha Purnima	May 25	Saturday
8.	Idul Fitr	August 09	Friday
9.	Independence Day	August 15	Thursday
10.	Mahatma Gandhi's Birthday	October 02	Wednesday
11.	Additional Day for Dussehra (Mahasaptami)	October 11	Friday
12.	Dussehra (Vijaya Dashami)	October 14	Monday
13.	Id-uz-Zuha (Bakrid)	October 16	Wednesday
14.	Diwali (Deepavali)	November 03	Sunday
15.	Muharram	November 14	Thursday
16.	Guru Nanak's Birthday	November 17	Sunday
17.	Christmas Day	December 25	Wednesday

Note: Central Government Organizations, which include industrial, commercial & training establishments (i.e. other than doing work of Secretariat nature) would observe 16 holidays in a year out of which 3 namely Republic Day, Independence Day and Mahatma Gandhi's Birthday will be compulsory. The remaining holidays/occasions may be determined by such Establishments/Organizations themselves on year to year basis.

In deciding whether a particular Deptt/Establishment/Organization an industrial, commercial or trading organizations (i.e. other than those doing work of Secretariat nature) the decision maybe taken by the respective Ministry/Ministry of Home Affairs, New Delhi.

The date of Holidays for the Muslim festivals may be changed on sighting of the Moon and decision to be taken by the State Govt.



प्रौद्योगिकी सम्पदा भारत
प्रौद्योगिकी/व्यापार मिल
अधिकारीक नियंत्रण/दर्ता द्वारा दिए गये
INTELLECTUAL PROPERTY INDIA
Patent Designs Trade Marks
Geographical Indications
Trade Information System



संख्या/No: पंच-45011/1/2004-प्रश्ना.



बौद्धिक सम्पदा भवन/BOUDDHIK SAMPADA BHAWAN
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ई-मेल/E-Mail : kolkata-patent@ipindia.nic.in,
वेब साइट/Website : www.ipindia.nic.in,
www.ipindia.gov.in

दिनांक/Date: 17.12.2012

वर्ष 2013 में छुट्टियों की सूची

वर्ष 2013 के दौरान पेटेंट कार्यालय कोलकाता के लिए निम्नलिखित दिनों को छुट्टी घोषित किया जाता है।

क्रम संख्या	छुट्टियों तथा संबंधित त्यौहार	दिनांक	सप्ताह के दिन
1.	प्रोफेट मोहम्मद जन्मदिवस/ईद-ए-मिलाद	जनवरी, 25	शुक्रवार
2.	गणतंत्र दिवस	जनवरी, 26	शनिवार
3.	होली/दोलखाचा प. बंगाल में	मार्च, 27	बुधवार
4.	गुड फ्रेडे	मार्च, 29	शुक्रवार
5.	वैशाखी (बंगाल)	अप्रैल, 15	सोमवार
6.	महादीर जयती	अप्रैल, 24	बुधवार
7.	बुद्ध पूर्णिमा	मई, 25	शनिवार
8.	ईद-उल-फितर	अगस्त, 09	शुक्रवार
9.	स्वतंत्रता दिवस	अगस्त, 15	गुरुवार
10.	महात्मा गांधी जयती	अक्टूबर, 02	बुधवार
11.	दशहरा के लिए अतिरिक्त दिवस (महासप्तमी)	अक्टूबर, 11	शुक्रवार
12.	दशहरा (विजया दशमी)	अक्टूबर, 14	सोमवार
13.	ईद-उल-जुहा (बकरीद)	अक्टूबर, 16	बुधवार
14.	दिवाली (दिपावली)	नवम्बर, 03	रविवार
15.	मुहरम	नवम्बर, 14	गुरुवार
16.	गुरु नानक जयती	नवम्बर, 17	रविवार
17.	क्रिसमस ई	दिसम्बर, 25	बुधवार

टिप्पणी: केन्द्र सरकार के संस्थानों में, जिनमें अधिकारीग, वाणिज्यिक तथा प्रशिक्षण प्रतिष्ठान (यथा सचिवालयीन प्रकृति से पृथक् कार्य करने वाले) शामिल हैं, इस वर्ष 16 अवकाश होंगे जिनमें से 3 (तीन) यथा गणतंत्र दिवस, स्वतंत्रता दिवस तथा महात्मा गांधी जयती अनियाच होंगे। शेष अवकाश/अवसर उन प्रतिष्ठानों/संस्थानों द्वारा प्रत्येक वर्ष स्वयं निर्धारित किए जाएंगे।

कोई विशेष/प्रतिष्ठान/संगठन औद्योगिक, वाणिज्यिक एवं व्यापारिक प्रतिष्ठान (अर्थात् सचिवालयीन प्रकृति के कार्य करने वाले प्रतिष्ठानों के अतिरिक्त) है कि नहीं इसका निर्धारण संबंधित मंत्रालय/गृह मंत्रालय, नई दिल्ली द्वारा किया जाएगा।

मुख्यमंत्री द्वारा की छुट्टी के दिन चौंद के दिनाने तथा राज्य सरकार द्वारा लिये गये निर्णय के अन्वार पर बदल सकते हैं।

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.2548/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/08/2012

(43) Publication Date : 11/01/2013

(54) Title of the invention : SPEED ENERGY BASED SELF ELECTRIC PRODUCTION

(51) International classification	:H01K
(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)KRISHAN JOSHI

Address of Applicant :B/H DAK BUNGLA 45 LAHAR NIWAS, GANDHI NAGAR, BHILWARA Rajasthan India

(72)Name of Inventor :

1)KRISHAN JOSHI

(57) Abstract :

> Battery & inverter : It is used to start the function for motor and also help for smooth changeover to change line. > Electric Motor: To convert electric energy into speed energy. > Wheel Fan: To swirl around and generate speed. > Shaft and worm wheel: Worm wheel attached to the shaft to convert speed into RPM and increase the same. > Gear: To change the level of speed at regular and required intervals. > Dynamo: Used for the electricity generation by the device. > Converter. To convert speed energy into RPM.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2012

(21) Application No.3182/DEL/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SELF-PROPELLED TRAILERS

(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)ROHIT SINGH

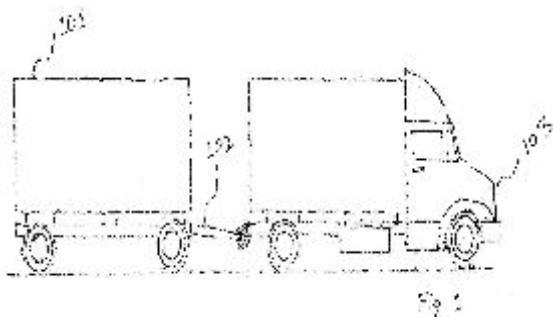
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EWS, AVAS VIKAS COLONY, YOJANA-3, JHUSI,
ALLAHABAD, 221506 Uttar Pradesh India

(72)Name of Inventor :

1)ROHIT SINGH

(57) Abstract :

A self-propelled, self-powered trailer which depends on pulling vehicle only for steering (and pulling / braking controls) and not for actual pulling power / braking is provided. Such a system would enable pulling by vehicle having not enough pulling capacity. This system will have electrical motor based drive train at each wheel, with inbuilt variable gear ratio changing method (variable transmission method). This method will control torque/ speeds delivered to trailers driven wheels. High torque / low speed can be delivered to start moving loads and lower torque/ higher speeds, when trailer started moving. Such trailer will find multi usage like hauling by low horse power vehicles just by installing a hitch, other ad-hoc hauling, hauling for agricultural purposes etc. Also, multi self-propelled trailers can be connected to one vehicle enabling more hauling capacity by one vehicle.



No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/12/2012

(21) Application No.3748/DEL/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DESIGN OF LOW COST EEG BASED BRAIN COMPUTER INTERFACE.

(51) International classification	:G06C	(71) Name of Applicant :
(31) Priority Document No	:NA	1)VASUDHA VASHISHT
(32) Priority Date	:NA	Address of Applicant :1556, SECTOR-16 FARIDABAD
(33) Name of priority country	:NA	121002, HARYANA, INDIA Haryana India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MS. VASUDHA VASHISHT
(87) International Publication No	: NA	2)DR. T.V. PRASAD
(61) Patent of Addition to Application Number	:NA	3)DR. S.V.A.V. PRASAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

EEG based Brain Computer Interface is a non- invasive method for providing a new communication channel between human brain with the computer. The analysis of EEG- BCI can be done in two ways: Online (real time) and Offline. Offline EEG BCI uses recorded dataset and thus offers very limited practice over common parameters provided with toolboxes available in the market (e.g. EEGLAB toolbox in MATLAB, BCI200 toolbox to name a few). With online or real time EEG BCI more accuracy can be obtained by real time processing of important information from EEG recordings. Real time huge dataset can be tested on multiple subjects for research. As the area of BCI is still a big research area, depending on the specification and the application of the BCI, one can decide which technique meets the requirement.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3572/DEL/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A COMFORTABLE FOOTWEAR HAVING STRESS LESS SOLE AND THE PROCESS OF THE MANUFACTURING THE SAME.

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUSHIL SACHDEVA
(32) Priority Date	:NA	Address of Applicant :C/O VIROLA INTERNATIONAL, 21 68M FREEGANJ, AGRA (U.P.), INDIA.
(33) Name of priority country	:NA	2)SANDEEP SACHDEVA
(86) International Application No	:NA	3)VINAY SACHDEVA
Filing Date	:NA	4)SUNITA SACHDEVA
(87) International Publication No	: NA	5)MADHU GOVER
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUSHIL SACHDEVA
(62) Divisional to Application Number	:NA	2)SANDEEP SACHDEVA
Filing Date	:NA	3)VINAY SACHDEVA
		4)SUNITA SACHDEVA
		5)MADHU GROVER

(57) Abstract :

The present invention relates to a comfortable footwear having stress less sole. More which cavity has in their bottom profile. Furthermore, this invention also relates to a comfortable footwear in which the top (soft) layer is of higher thickness on the heel part and then taper till mid part and the top (soft) layer from the mid part till toe area in a lesser thickness. This invention also relates to a process of manufacturing the comfortable footwear.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1656/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DIGITAL FUEL AND FLUID LEVEL INDICATOR

(51) International classification	:G01F23/00	(71) Name of Applicant : 1)MR. AMOL A UMAK Address of Applicant :100/8, B-BLOCK, DUBEY NAGAR, HUDKESHWAR ROAD, NAGPUR-34 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MR. AMOL A UMAK
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 :

It was need of time and requirement of people to have maximum accuracy in tachometer. We have digital speedometer, digital RPM meter and digital fuel gauge indicator. But the fuel gauge meter in the bar type which is equivalent to analogue type. Digitally shown numbers indicating exact volume of fuel in the tank of your vehicle is a wonderful idea and requirement of time. A floater with the adjacent container is used which will help to get maximum accuracy. LDR and source of LASER light (infrared) is used to have less distortion and great frequency. Bends in pipe from main fuel tank to floater will help to get rid form disturbances while sudden pick up and breaking as well as the bumping will not disturb it. Gravity will negligibly disturb the results. We can go for gravity distortion free structure of foel tank but it is very critical and not easy to assemble. So this limitation, very little limitation due to gravity (when the vehicle is on banked road during the turn) effects on whole vehicle with passenger and all. The instrument indicates volume of fuel with the help of common cathode 7 segment LED display. LDR and source of light will help to sense the level of floater. Next to LDR, circuits of diodes will help to indicate or to turn ON/OFF the segments of common cathode 7 segment LED display. The required or expected accuracy and stability of instrument is expected, some errors may occur, whkh will be terminated and furnished instrument we will have. Correction and up gradation is universal policy; we also gone through it. Its a successful try to get accurate volume of fuel in tank. It will also help to calculate average of vehicle and is free of common major problems we are facing in analogue type fuel gauge indicators.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2012

(21) Application No.3377/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SURGICAL DEVICE WITH A UNIQUE CUTTING MEMBER SHIELD

(51) International classification	:A61B17/00	(71) Name of Applicant : 1)SANDEEP AMBARDEKAR Address of Applicant :B/21, GOREGAONKAR PREMISES, S.K.BOLE ROAD, DADAR (W), MUMBAI 400028 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical device for use in minimally invasive laproscopic surgical procedures for percutaneously extracting and debulking the tissue. The device consists of an inner hollow elongated tube (2) with a sharp edge cutting member (21) located at its distal end. This tube is positioned concentrically within the lumen of an outer hollow elongated tube (1) which features a uniquely designed cutting member shield design (17) at distal end of outer elongated hollow tube (1). The cutting member shield will serve to act as an effective anti-mutilating element. The cutting member shield can be activated by atleast dedicated bi-directional rotary movement of external rotary knob. The rotary knob is designed to have atleast bi-directional rotary movement. The cutting member shield (17) can be activated by a dedicated movement of external rotary knob (3) at multiple positions. Rotating the knob on multiple sides enables the physician to have a convenient control over the exposure of the sharp edge cutting member during the tissue excision procedure. Such a distinctive feature of the device would aid the surgeon to have easy manipulation and limit accidental damage to the tissue by the sharp edge cutting member during the procedure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2012

(21) Application No.3302/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYNERGISTIC COMPACT ORAL FORMULATION FOR HEPATIC DISEASES, OSTEOARTHRITIS, CARDIOVASCULAR AND NEUROLOGICAL DISORDERS.

(51) International classification	:A61K31/185
(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)ZOTA HEALTH CARE LTD

Address of Applicant :ZOTA HOUSE 2/896, HIRA MODI STREET, SAGRAMPURA SURAT-395002 (GUJARAT) INDIA

(72)**Name of Inventor :**

1)DR. SANJAY AGRAWAL

2)MR. KAMLESH RAJNICKANT ZOTA

3)MR. KETAN CHANDULAL ZOTA

4)MR. MANUKANT CHANDULAL ZOTA

5)MR. HIMANSHU MUKTILAL ZOTA

(57) Abstract :

This invention is based on a oral formulation which comprises two or more active ingredients along with some pharmaceutically acceptable excipients for the treatment of hepatic diseases, Osteoarthritis, cardiovascular and neurological disorder thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2012

(21) Application No.3458/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BUSINESS MANAGEMENT METHODOLOGY.

(51) International classification	:G06F17/60	(71) Name of Applicant : 1)BHOSALE, SUNAINA Address of Applicant :BRAMHESHWAR RESIDENCY, BLOCK #B8, 1764/A3, UBHA MARUTI CHAUK, SHIVAJI PETH, KOLHAPUR - 416 012, 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 relates to a business management methodology to achieve self sustained highly stable global economy which is artificially intelligent, automated and self-evolving. The present invention deals with management tools like communicator (e-mail, voice, chat and remote control), real-time training, advanced meeting management, guest/client window, centralized request management, security, audit, project management, self service, strategist etc. to drastically improve organization behavior. The invention gives faster and secure electronic communications which help in increasing the velocity of the organization. This leads to increase in employees productivity thus increasing the process turnover of the organization.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/03/2012

(21) Application No.828/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : EQUIPMENT AND METHOD FOR FILTRATION AND DEGASSING OF SOLUTIONS

(51) International classification	:B01D 15/00	(71) Name of Applicant : 1)VAISHNAV ASHISH BHAVENDRA Address of Applicant :4, SHYAMAL ROW HOUSE, PART 3/A, ANANDNAGAR ROAD, SATELLITE, AHMEDABAD 380 015 GUJARAT, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)VAISHNAV ASHISH BHAVENDRA
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an equipment and method for the filtration and degassing of solutions. It provides easy and fast filtration of solutions and can be used for filtering large quantities of solutions easily. It is made of SS316 steel and is compatible for using both 47 mm and 90 mm filters. Filtration in this equipment can be performed automatically or manually as required. It can be used for the filtration of laboratory solvents, eel! culture media, ophthalmic products, pharmaceuticals, vitamins, process water, antibiotics and photo resists. Both filtration and degassing of mobile phase to be used in HPLC can be done using this equipment. Filtration can be done using either positive pressure or by applying vacuum.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.677/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BABHRU EXOTHERMIC AID

(51) International classification	:B22C9/08	(71) Name of Applicant : 1)MR. BHARAT NAGNATH INGALE Address of Applicant :SHIVHRUSHI, C.S. NO-383/1, DATTANAGAR, HAMANI ROAD, VISHRAMBAG, SANGALI-416416 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2486/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PU FOOTWEAR WITH CHANGEABLE STRAPS

(51) International classification	:A43B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RANJITH KUMAR

Address of Applicant :'KRISHNA LEELA', POST NORTH BEYPORE, CALICUT - 5 Kerala India

(72)Name of Inventor :

1)RANJITH KUMAR

(57) Abstract :

A modified polyurethane footwear made with side flaps fitted With loops through which removable and replaceable straps can be secured and adjusted to the foot using Veicro. The purpose of the changeable straps being to change colour, material and designs on the footwear so that it will complement the dress worn by user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2012

(21) Application No.3311/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DEVICE FOR DETECTING AND ELECTROCUTING PESTS

(51) International classification	:A01M
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Guvvala Srinivasulu Reddy

Address of Applicant :H. No. 105 4th Cross Adarshnagar
Hubli Maharashtra India

(72)Name of Inventor :

1)Guvvala Srinivasulu Reddy

(57) Abstract :

A device (100) for eliminating pests is provided. The device includes one or more sensors (106), at least one processing unit (706) and at least one pest eliminating apparatus. The sensors (106) are configured to receive inputs corresponding to presence of pests. The processing unit (706) is configured to process signals received from the sensors (106) and compare the processed signals with predefined pest information, and provide instructions corresponding to arming and disarming of the device (100). The pest eliminating apparatus is armed or disarmed based on the instructions corresponding to arming and disarming of the device (100).

No. of Pages : 31 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3930/CHE/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF TENOFOVIR

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)LAURUS LABS PVT LTD
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, SERENE CHAMBERS,
(33) Name of priority country	:NA	ROAD#7, BANJARA HILLS, HYDERABAD - 500 034 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)VENKATA SUNIL KUMAR INDUKURI
(61) Patent of Addition to Application Number	:NA	2)SREERAMBABU JOGA
Filing Date	:NA	3)SEETA RAMANJANEYULU GORANTLA
(62) Divisional to Application Number	:NA	4)SATYANARAYANA CHAVA
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for preparation of tenofovir by dealkylation of its phosphonate ester using Ionic complexes. The present invention also provides a process for preparation of tenofovir disoproxil or a salt thereof using the tenofovir of the present invention.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4207/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM FOR CAPTURING SCENE AND NIR RELIGHTING EFFECTS IN MOVIE
POSTPRODUCTION TRANSMISSION

(51) International classification	:G06T
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)JAN CERNY

Address of Applicant :BUDECSSKA 1169/39, PRAHA 2,
PRAGUE Czech Republic

(72)**Name of Inventor :**

1)JAN CERNY

(57) Abstract :

A system for capturing scene with the simultaneous use IR and VIS light for alpha channel creation and relighting effects in movie postproduction transmission comprising the subsystems of: Lighting sub system, Electro-optical system for simultaneous acquisition of the video in VIS andNIR, and Video post-processing converter for generation of alpha channel from the NIR video signal to perform determination between the foreground objects, illuminated with NIR light source and background. Video post-processing converter uses VIS images to obtain information for more precise alpha channel derivation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2012

(21) Application No.5349/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DYNAMICBRIGHTNESS CORRECTION IN DIGITAL IMAGES

(51) International classification	:H04N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WIPRO LIMITED

Address of Applicant :Doddakannelli Sarjapur Road
Bangalore 560035 Karnataka India

(72)Name of Inventor :

1)VIJAY KUMAR KODAVALLA

(57) Abstract :

This disclosure generally relates to digital image and video signal processing and more particularly to methods and systems for dynamic brightness correction. In one embodiment an electronic circuit configured to perform an image correction method is disclosed the method comprising: obtaining a pixel value of a color space component from an image; determining whether to perform mid-tone correction for the pixel value of the color space component; calculating via the electronic circuit a corrected pixel value based on the determination of whether to perform the mid-tone correction for the pixel value of the color space component; and outputting the corrected pixel value. The color space component may be one of: an Intensity component from a Hue-Saturation-Intensity color space; a Value component from a Hue-Saturation-Value color space; a Lightness component from a Hue-Saturation-Lightness color space; and a Brightness component from a Hue-Saturation-Brightness color space.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/08/2012

(21) Application No.3613/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL METHOD OF IMPROVING THE MECHANICAL PROPERTIES OF POWDER METALLURGY PARTS BY GAS ALLOYING

(51) International classification	:C21D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)GOPINATH.N
(32) Priority Date	:NA	Address of Applicant :43A, ELDAMS RD., CHENNAI 600
(33) Name of priority country	:NA	018 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GOPINATH.N
(87) 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 following specification describes a process for improving the hardness and other mechanical properties of iron and steel Powder Metallurgy (P/M) parts. The first stage of the novel process consists of heating to and holding at a temperature between 590°C to 720°C unalloyed or low alloyed P/M parts in an atmosphere containing a Nitrogen donor such as Ammonia in either batch or continuous furnaces. The concentration of ammonia during the first stage is maintained between 3% to 15%. The second stage of the inventive process is an aging process which may be conducted either as an in-line process or as a stand-alone independent process that involves the heating of P/M parts that have fully or partially cooled after the first stage to a temperature between 180°C and 660°C in an atmosphere of plain air or Nitrogen. The first stage may be performed in varying concentrations of the nitrogen donor wherein the temperature and time duration may also be varied to control the depth of hardening in the said part. The conditions may be optimized to achieve through hardness of the part without embrittlement. The optional stage two of the technology is an aging process that does not involve quenching/ thereby significantly lowering distortion of treated parts and eliminating pollution associated with liquid quenching. The technology improves process economy by using low temperatures and consequently fuel consumption.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4047/CHE/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TORQUE DAMPING SYSTEM

(51) International classification	:F16H, F16F	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES □ NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 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 :
Filing Date	:NA	1)SAMRAJ JABEZ DHINAGAR
(87) International Publication No	: NA	2)NAGA KAVITHA KOMMURI
(61) Patent of Addition to Application Number	:NA	3)HIMADRI BHUSHAN DAS
Filing Date	:NA	4)LAKSHMINARAYANA PADHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a torque damping system for a carburetted automatic manual transmission vehicle having, an automatic manual transmission equipped engine having a clutch actuator configured to actuate clutch and shift actuator configured to shift gears; a controller for activating the shift actuator and clutch actuator; a carburettor having a first air path and a secondary air path with a flow control valve placed parallel to the first air path.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4592/CHE/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONTROL DEVICE FOR TWO-WHEELED VEHICLE

(51) International classification

:b62K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES □ NO.29
(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
Nadu India

(72)Name of Inventor :

1)HIMADRI BHUSHAN DAS

2)R SASIKUMAR

3)VENKATA MANGARAJU K

4)RENGARAJAN BABU

5)KANDREGULA SRINIVASA RAO

(57) Abstract :

The present invention provides a scooter type vehicle equipped with automatic manual transmission engine and having a low floor board portion. The said vehicle is provided with an electronic control unit and the said electronic control unit is placed in an optimized location for cooling and cost reduction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2012

(21) Application No.5328/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HYDRO ELECTRICITY USING SUMP AND NOZZLED FIRE HOSE

(51) International classification	:H02K	(71) Name of Applicant :
(31) Priority Document No	:NA	1)S. ARUN KUMAR
(32) Priority Date	:NA	Address of Applicant :15/8, FIRST CROSS ST, C.I.T.
(33) Name of priority country	:NA	COLONY, MYLAPORE, CHENNAI - 600 004 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)S. ARUN 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 :

Water from sump is pumped using eg. 5 fire hose and made to impact the turbine which revolves at a particular speed producing particular energy and the water is recycled again to the sump

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5367/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A CONTAINER FOR STORING AND DISPENSING BEVERAGE

(51) International classification	:B67D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MALINI ABRAHAM
(32) Priority Date	:NA	Address of Applicant :PLOT 1622, J 51, 16TH MAIN ROAD,
(33) Name of priority country	:NA	6TH STREET, ANNA NAGAR WEST, CHENNAI - 600 040
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	2)CHITRA GOWTHAMAN
(87) International Publication No	: NA	3)PAUL SHUKLA
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MALINI ABRAHAM
(62) Divisional to Application Number	:NA	2)CHITRA GOWTHAMAN
Filing Date	:NA	3)PAUL SHUKLA

(57) Abstract :

A container for storing and dispensing beverage comprising a main chamber one end of which is adopted to form a closed base for the container to rest and the other end of the main chamber is terminated with a main hole inside the container. The container comprises an outlet chamber terminated with an outlet hole in one end through which the beverage can be dispensed from the container and the other end of the outlet chamber is terminated with a mid hole inside the container. The container comprises a mid chamber formed in between the main chamber and the outlet chamber by the existence of the main chamber and the outlet chamber, wherein the mid hole of the outlet chamber is located at a level lower than the level of the main hole of the main chamber such that upon resting the container after partially dispensing the beverage from the container, a part of the volume of the beverage in the container is retained in the mid chamber and in the outlet chamber to prevent the flow of gas in the beverage from the main chamber of the container. A container assembly for dispensing beverage comprising a main chamber one end of which is adopted to form an opened base for the container assembly to rest and the other end of the main chamber is terminated with a main hole inside the container assembly. The container assembly comprises an outlet chamber terminated with an outlet hole in one end through which the beverage can be dispensed from the container assembly and the other end of the outlet chamber is terminated with a mid hole inside the container assembly. The container assembly comprises a mid chamber formed in between the main chamber and the outlet chamber by the existence of the main chamber and the outlet chamber, wherein the mid hole of the outlet chamber is located at a level lower than the level of the main hole of the main chamber such that upon resting the container assembly after dispensing the beverage through the container assembly, a part of the volume of the beverage is retained in the mid chamber and in the outlet chamber of the container assembly to prevent the flow of gas in the beverage from the main chamber of the container assembly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2012

(21) Application No.4013/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HYDRAULICS & GRAVITY POWERED PRIME MOVER

(51) International classification	:F03G
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUBIKSHA SUBRAMANIAN

Address of Applicant :45, UKP NAGAR, UDUMALPET 642
154 Tamil Nadu India

2)SUKHANYA SUBRAMANIAN

(72)Name of Inventor :

1)SUBIKSHA SUBRAMANIAN

2)SUKHANYA SUBRAMANIAN

(57) Abstract :

The invention is a Prime Mover which gets the drive from Hydraulic and Gravitational forces. The invention involves a water column of appropriate mass and height. Beneath the column are two cylinders with pistons on either sides of the bottom of the tank and placed such that the entire column of waters weight squarely falls on one Piston (cylinder) at any time. That is, there is a stopper valve mechanism just above the cylinders and when the stopper opens the respective piston gets plunged down by water force acting over it. As a reciprocation action the other stopper over the other piston (cylinder) closes and the piston inside that cylinder gets lifted and the piston head travels to the top of that cylinder. Now when the stopper of the second cylinder opens the respective piston gets plunged down and the piston in the first cylinder travels up in a reciprocating motion. With every cycle of piston movements the crank is driven and hence prime motion / torque / force is achieved.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4585/CHE/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : VEHICLE

(51) International classification	:B60K, B60R	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES □ NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 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 :
Filing Date	:NA	1)R SASIKUMAR
(87) International Publication No	: NA	2)KANDREGULA SRINIVASA RAO
(61) Patent of Addition to Application Number	:NA	3)VENKATA MANGARAJU K
Filing Date	:NA	4)KRISHNABHATTA NAGARAJA
(62) Divisional to Application Number	:NA	5)RENGARAJAN BABU
Filing Date	:NA	

(57) Abstract :

The present invention provides an automatic manual transmission equipped engine having an electronically controlled clutch actuator and gear actuator and is swing ably disposed in the vicinity of the floor board; and a carrier member mounted to the frame at one end and mounted to rear wheel at the other end. the said automatic manual transmission equipped engine is mounted rigidly to the carrier member.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2012

(21) Application No.5461/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : THE RAM'S PRIME NUMBER THEOREM

(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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3694/CHE/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SAFETY DEVICE FOR SCOOTER TYPE VEHICLE

(51) International classification	:B62K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES □ NO.29
(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
Nadu India

(72)**Name of Inventor :**

1)SAMRAJ JABEZ DHINAGAR

2)NAGA KAVITHA KOMMURI

3)HIMADRI BHUSHAN DAS

4)LAKSHMINARAYANA PADHI

(57) Abstract :

The present invention provides a safety device for an AMT scooter type motor vehicle comprising clutch and shift actuators; a controller for activating the said actuators; a tilt sensor for sensing the angle of lateral inclination of the vehicle while cornering, and feeding this sensed data to the controller; a seat sensor for sensing the presence or absence of the rider on the seat, when the vehicle is being started, and feeding this sensed data to the controller for deactivating the said actuators in the absence of the rider.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2012

(21) Application No.4256/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR INDUSTRIAL PREPARATION OF [(S)-N-TERT BUTOXYCARBONYL-3-HYDROXY]ADAMANTYLGLYCINE

(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)LEE PHARMA LIMITED

Address of Applicant :Sy. No. 257 & 258/1 Door No. 11-6-56 C Block Opp. IDPL Factory Moosapet (Village) Balanagar (Post) Hyderabad Andhra Pradesh India

(72)Name of Inventor :

1)Alla Venkat Reddy

2)Alla Raghu Mitra

3)Ajay Kumar Dubey

4)P. Ramakrishna Reddy

(57) Abstract :

A commercially viable process for industrial preparation of [(S)-n-tert butoxycarbonyl-3-hydroxy]adamantylglycine which is a key intermediate for saxagliptin synthesis and is represented by compound of Formula-VI. The compound-VI obtained by the process of present invention has more than 99.5% HPLC purity not more than 0.15 % of dihydroxy impurity not more than 0.05% of isomer impurity and not more than 0.1% of any unknown impurity. (VI)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2012

(21) Application No.4753/CHE/2012 A

(43) Publication Date : 11/01/2013

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

(51) International classification	:F25B	(71) Name of Applicant : 1)GUBBA COLD STORAGE LTD Address of Applicant :PLOT NO-25, LANE OPPOSITE SBI TIRUMALAGIRI NEAR RTA OFFICE, P&T COLONY TIRUMALAGIRI, SECUNDERABAD - 500 015 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	(72) Name of Inventor : 1)MR. PRASHANT GUBBA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for a cold storage unit comprising an ozonator system placed outside the cold storage unit incorporated with an oxygen concentrator system, whereby the oxygen concentrator system enabled to entrain atmospheric air, a compressor arranged within the oxygen concentrator system for a continuous suction of the atmospheric air, a plurality of non-woven fabric meshes enabled to filter the atmospheric air drawn by the oxygen concentrator system and a high efficiency particulate filter associated to the plurality of non-woven fabric meshes enabled to draw highly purified air to generate required ozone.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5376/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PRAVAAH - THE CONTINUOUS SUPPLY HANDPUMP

(51) International classification	:E02D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AKSHAY GAUTAM

Address of Applicant :127/752, D,W2, JHI KALAN, BARRA,
KANPUR 208 027 Uttar Pradesh India

(72)Name of Inventor :

1)AKSHAY GAUTAM

(57) Abstract :

Pravaah-The Continuous Supply Hand-pump is designed to be able to provide continuous water supply from the underground water source. Hand-pumps are widely acceptable means to obtain underground water due to its quality of being based on simple design and also its cost efficiency. So, to replace such a widely acceptable invention with the newer one, the modified design should accommodate the characteristics of simplicity and cost effectiveness. Pravaah with its modified design has the capability to provide maximum possible output, in form of water extracted, with the given amount of inputs (human efforts in most of the cases while this can also be operated through electric power). This product design has the capability to provide continuous water supply as against intermittent one in case of prevalent designs and simultaneously it is also more efficient, cost effective and can easily be used in the same setup for installation which includes bore drills.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5377/CHE/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AVIRAL - THE MODIFIED HANDPUMP

(51) International classification	:E02D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AKSHAY GAUTAM
(32) Priority Date	:NA	Address of Applicant :127/752, D,W2, JHI KALAN, BARRA,
(33) Name of priority country	:NA	KANPUR - 208 027 Uttar Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)AKSHAY GAUTAM
(87) 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 :

Aviral-The Modified Hand-pump is designed to be able to provide continuous water supply from the underground water source with an appreciable increase in the working depth. Hand-pumps are widely acceptable means to obtain underground water due to its quality of being based on simple design and also its cost efficiency. So, to replace such a widely acceptable invention with the newer one, the modified design should accommodate the characteristics of simplicity and cost effective. Aviral with its modified design has the capability to provide maximum possible output, in form of water extracted, with the given amount of inputs (human efforts in most of the cases while this can also be operated through electric power). This product design has the capability to provide continuous water supply with increased working depth as against intermittent one in case of prevalent designs and simultaneously it is also more efficient, cost effective and can easily be used in the same setup for installation which includes bore drills.

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

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1878/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :04/07/2011

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR DEBOTTLENECKING LP (LOW PRESSURE) SECTION OF HYDROCRACKERS WITH ENHANCED LPG RECOVERY.

(51) International classification	:B23B	(71) Name of Applicant : 1)INDIAN OIL CORPORATION LTD. Address of Applicant :INDIAN OIL CORPORATION LIMITED, PROCESS DESIGN ENGINEERING CELL, 9TH FLOOR, INDIAN OIL BHAWAN, A-1, UDHYOG MARG, SECTOR-1, NOIDA-201301, UP, 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 novel process to decrease loadings in LP section of Hydrocrackers even at increased plant throughput by way of rejecting lighter components (H₂, C₁, C₂ hydrocarbons) from reactor effluents of Hydrocracker is disclosed. The process essentially revolves around a device (or an apparatus) named as Enhanced Flasher (VC-1). The device is installed in the combined reactor effluent line at the downstream of CLPS / HLPS retaining the original line up and attaching the device in parallel. The process increases the capacity of the low pressure section of hydrocrackers by 20 to 30% including wet gas processor and increases the LPG recovery from 82 to 94%. The process also generates the adsorbent liquid for its own requirement.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.1891/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : NOVEL PROCESS FOR DETERMINATION OF PANTOPRAZOLE SODIUM SESQUIHYDRATE FROM MULTIPLE-UNIT TABLET DOSAGE FORM BY HPLC METHOD UNING NEWER MOBILE PHASE

(51) International classification	:G01N	(71) Name of Applicant :
(31) Priority Document No	:NA	1)D.R VIPIN SAINI
(32) Priority Date	:NA	Address of Applicant :MAHARISHI MARKANDESHWAR
(33) Name of priority country	:NA	UNIVERSITY, MULLANA, AMBALA 133207 Haryana India
(86) International Application No	:NA	2)DR. SUMEET GUPTA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)DR. VIPIN SAINI
(61) Patent of Addition to Application Number	:NA	2)DR. SUMEET GUPTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A simple, sensitive, accurate, precise and reproducible high performance liquid chromatography method has been developed for estimation of pantoprazole from multiparticulate dosage form. An octa decyl silane (ODS) C18 column from shimadzu in gradient mode, with mobile phase HPLC grade acetonitrile and methanol in the ratios of 50:50 was used. The flow rate was 1 ml/ minute and effluents were monitored at 289 nm. The following process obeyed the Beers law in the concentration range 5-25 µg /ml. The result of analysis was validated for statistically, accuracy and recovery studies. The statistical analysis of data indicated a high level of accuracy for the proposed method as evidenced by low standard deviation (SD) values.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.1892/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF AN ELECTRICALLY CONDUCTIVE NON WOVEN COPPERIZED POLYETHYLENE SHEETS

(51) International classification	:C23C	(71) Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE,
(33) Name of priority country	:NA	GOVERNMENT OF INDIA, ROOM NO. 348, B-WING, DRDO
(86) International Application No	:NA	BHAVAN, RAJAJI MARG, NEW DELHI:- 110011 INDIA.
Filing Date	:NA	
(87) International Publication No	:NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANURADHA BERA
Filing Date	:NA	2)SHAILENDRA KUMAR SINGH
(62) Divisional to Application Number	:NA	3)SURENDRA RAM
Filing Date	:NA	4)SHYAM GOVIND VAIJAPURKAR

(57) Abstract :

The present invention discloses a three step process for preparing electrically conductive copperized non-woven polyethylene (PE) sheets. In the first step, surface of the polyethylene (PE) sheets are modified in order to enhance adhesion properties towards copper by treating with carboxylic acid containing compounds and subsequently though high energy ionizing radiation. Thereafter, copper is deposited through electroless deposition with an economically activators to prepare highly conducting double sided non woven polyethylene sheets. In the final step, depending upon the specific requirements, one of the surfaces of the polyethylene sheets was rendered insulating in the deactivation step while the other side remained conducting. The deactivation step can be skipped in order to achieve conductivity on both the sides of the polyethylene sheets.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1902/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF AMORPHOUS ATORVASTATIN CALCIUM

(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 :

1)JUBILANT LIFE SCIENCES LIMITED

Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-201301, Uttar Pradesh India

(72)Name of Inventor :

1)SINGH KHUSHWANT

2)GUPTA, ANIKA

3)KUMAR PRAMOD

4)VIR DHARAM

5)AGARWAL, ASHUTOSH

(57) Abstract :

The present invention relates to an improved process for the preparation of amorphous atorvastatin calcium by spray drying method.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1914/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ANIMAL DETERRENT DEVICE

(51) International classification	:C12N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HUGHES COMMUNICATIONS INDIA LTD.

Address of Applicant :PLOT NO. A-11, SECTOR 18,
ELECTRONIC CITY, GURGAON, 122015 HARYANA INDIA.

(72)Name of Inventor :

1)VIDYUT KAK

2)RAJEEV MENON

(57) Abstract :

The present disclosure discloses an animal deterrent device for mounting on an antenna, said device comprising a housing to cover the radio of the antenna, said housing being formed by a first and second pluralities of elongate members which run orthogonally of one another and intersect to form a closed grid; a plurality of straps generally extending from three sides to cover the side arms and the boom rod of the antenna; a back plate to provide support to the back structure of the antenna; and a reflector arch to protect the reflector of the antenna.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1915/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR RESOURCE ALLOCATION

(51) International classification	:C13H
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALCATEL-LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD,
PARIS 75007, FRANCE

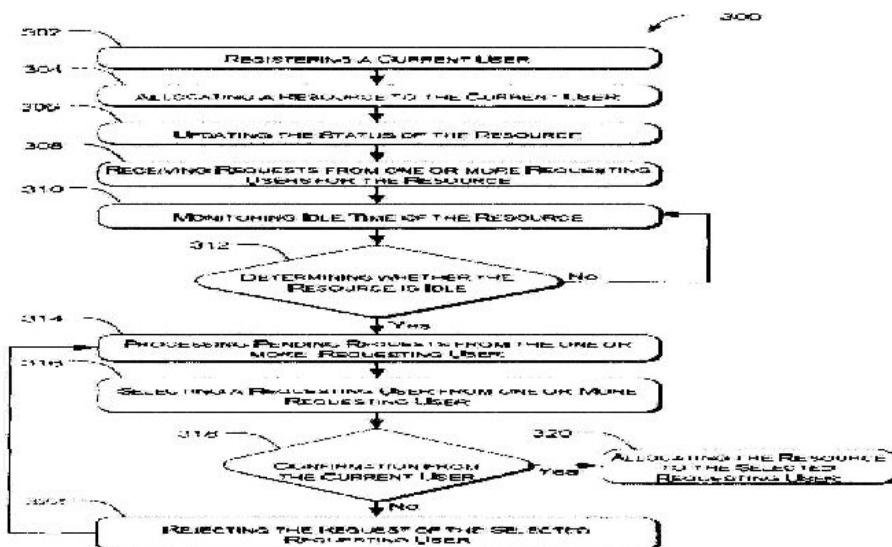
(72)Name of Inventor :

1)SAMA, RITU

2)SHAH, PARASHAR

(57) Abstract :

The present subject matter discloses systems and methods for allocating resources. The method includes receiving operation data of a resource, allocated to a current user, from a network device. Further, an idle time of the resource is determined based on the operation data. The method further includes comparing a request received for the resource, from one or more requesting users, with activities performed by the current user on the resource and a duration of the idle time. Based on the comparison, the resource can be allocated to one of the requesting users.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1916/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LOW AMPERAGE SWITCHING UNIT FOR AUTOMOBILE□

(51) International classification	:H01L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MINDA INDUSTRIES LIMITED

Address of Applicant :Village Nawada Fatehpur P.O.
Sikanderpur Badda Distt. Gurgaon Haryana 122004 India

(72)Name of Inventor :

1)Rajiv Rathore

2)Manmeet Singh

3)Anshul Dua

(57) Abstract :

The present invention provides a switch module and a low amperage switching unit which can be mounted on handle bar of an automobile or two or three wheeled automobile for low amperage applications. The low amperage switching unit of the present invention comprises a flexible-circuit which includes a circuit disposed on a flexible substrate. The circuit comprises at least one fixed contacts and at least one conducting diaphragm spring disposed above the said fixed contact so that the diaphragm spring, when pressed, makes contact with the said fixed contacts thereby closing the circuit.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.1928/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR MANUFACTURE OF CHEMICAL COMPOSITION TO TACKLE COCKROACH MENACE.

(51) International classification	:C07D	(71) Name of Applicant : 1)SH. RAJAT SINGHAL Address of Applicant :INDIAN NATIONAL ADDRESS: FLAT NO. 5, R-10, NEHRU ENCLAVE, NEW DELHI-110019 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 :

Cockroach Menace is a growing problem as cockroaches get immune to the existing chemicals. Hence, there is a need to constantly develop new chemicals/ methods to control them. The process is everlasting and hence, there is a constant need to develop new methods. This invention is related to manufacture of an approved chemical for removal of cockroaches. More particularly it is of immediate use in the field of Pest Control. It contains Permethrin as the Active Ingredient. Permethrin (NRDC 143) with an isomeric ratio of 25/75 is one such pyrethroid and is considered to be a safe in use insecticide because of the minimal dosage required to combat insect infestations and its low mammalian toxicity. It is capable of being used as either prevention against, or as an agent for the control of cockroaches as well as a filler to those areas, cracks or crevices which permit the free movement of cockroaches. It is nearly odourless and colourless and is incapable of emitting dangerous or irritating vapours. The manufacturing process involves loading of BSS Grade Castor Oil in a Stainless Steel Container and heated till 45 °C which takes approximately 90 minutes. Once the desired temperature is achieved the BSS Grade Castor Oil is transferred to another Stainless Steel Container where it is simultaneously mixed with Long Chained Paraffin Wax. Please note that Long Chained Paraffin Wax is added in Container 2 at the same time at which Castor Oil is transferred from Container 1 to Container 2. They are then mixed together both manually as well as with a shear mixer till the product starts to solidify and becomes homogenous. At this stage we add 2% w/v Permethrin a.i. slowly in Container 2. Shear mixing is continued till mixing of permethrin a.i. is complete and subsequently the final product is pumped out from Container 2.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.2782/DEL/2011 A

(43) Publication Date : 11/01/2013

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

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:P2010-221550	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:30/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YUSUKE SAKAI 2)MASAO KONDO
(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 may include an obtaining unit to obtain a number of users from information on detection of a face region including a face in a captured image provided at the apparatus. The apparatus also may include a setting unit to set a display region for content and a display region for a captured image in a display screen; and a display image generation unit to generate a display image to be displayed in the display region for a captured image, in accordance with the information on the detection, the number of users, and the display region set for a captured image.

No. of Pages : 79 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1908/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A SCUFF-FREE VELVET TOUCH THERMAL LAMINATION FILM, AND A METHOD AND APPARATUS FOR FORMING THE SAME

(51) International classification

:B32B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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 scuff-free velvet touch matte thermal lamination film, and a method for forming said film are disclosed. The said lamination film comprises a film substrate, a first and second primer layer, a scuff free velvet touch matte layer formed on the first primer layer and a thermal laminating layer formed on the second primer layer. The method comprises forming the first primer layer on a first surface of the film substrate and applying the velvet touch coating solution thereon using reverse gravure coating technique. The velvet touch coating solution is prepared by mixing a water-based aliphatic polyurethane dispersion, an anti-foaming additive and/or a cross-linking agent. Further, the coated film substrate is dried to form the velvet touch matte layer. Subsequently, the second primer layer is formed on the second surface of the film substrate and finally the thermal laminating layer is formed on the second primer layer.

↙ 100

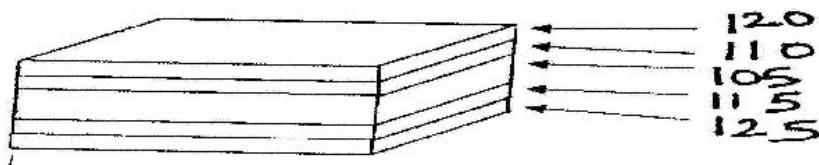


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1920/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN ANTICANCER COMPOSITION COMPRISING MICRO RAN MIR-24-2

(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)BAMEZAI, RAMESHWAR, N.K.

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ASAFALE MARG, NEW DELHI - 110025, INDIA

(72)Name of Inventor :

1)BAMEZAI, RAMESHWAR, N.K.

2)SRIVASTAVA, NILOO

3)MANVATI, SIDDHARTH

(57) Abstract :

The present invention provides an anticancer composition comprising micro RNA miR-24-2 either alone or in combination with anticancer compounds. The anticancer composition of the present invention induces apoptosis in anti-apoptotic genes and is effective in cancer therapy of tumors resistant to anticancer drugs. The present invention further provides anticancer compositions which controls H2AFX gene expression regardless of gene copy number. The present invention also provides method of down regulating the expression of anti-apoptotic genes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.1932/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SOCIAL NETWORKING IN A RESTRICTED CONNECTIVITY ENVIRONMENT

(51) International classification	:H01L	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Hughes Systique India Private Limited
(32) Priority Date	:NA	Address of Applicant :1 Shivji Marg Westend Greens N. H.
(33) Name of priority country	:NA	8 New Delhi- 110037 India.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Anil Kumar
(87) International Publication No	: NA	2)Ashutosh Dhiman
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the present disclosure, social networking in a restricted environment is provided where groups are created instantly in random fashion and information is to be pushed in a short span of time. Such random groups are active as long as one participant exists.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.2789/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM FOR THE GENERATION OF TECHNICAL DOCUMENTATION IN ELECTRONIC FORMAT

(51) International classification	:B23B
(31) Priority Document No	:1003791
(32) Priority Date	:24/09/2010
(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)THALES

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

(72)Name of Inventor :

1)DAVID GAZEAU

2)VINCENT GICQUEL

(57) Abstract :

The invention relates to a system for fine generation of pieces of technical documentation suitable for reading on an electronic-ink device comprising digital data storage means (4), characterized in that it furthermore comprises: means (22) for the creation of technical publications, the said technical publications being stored in the storage means (4), and comprising a predetermined structure, means (23) for the creation of electronic documents on the basis of the technical publications originating from the storage means (4) and on the basis of style sheets (19) defining a page layout suitable for the electronic-ink reading device. Figure 1.

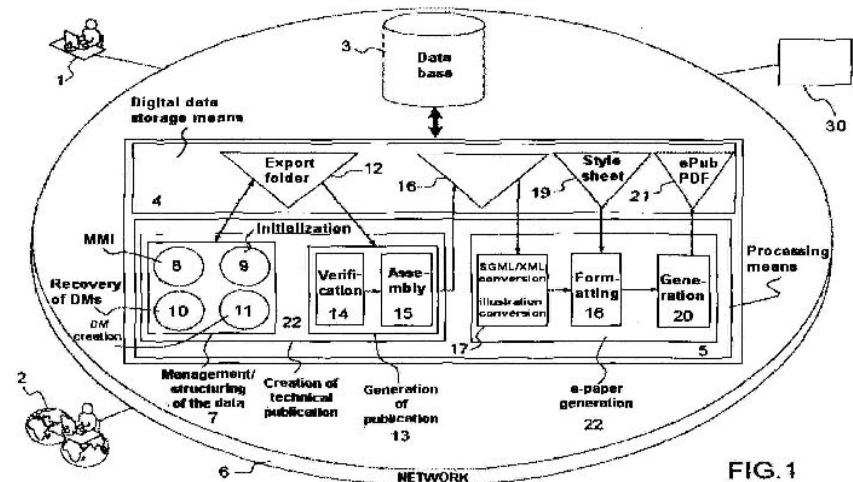


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.2790/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ANTENNAL SYSTEM WITH TWO GRIDS OF SPOTS WITH NESTED COMPLEMENTARY MESHES

(51) International classification

:B23B

(31) Priority Document No

:1003789

(32) Priority Date

:24/09/2010

(33) Name of priority country

:France

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

The present invention relates to an antennal system able to cover a geographical zone with two grids of spots with nested meshes, and shifted one with respect to the other. The multi-beam antennal system covers a geographical zone decomposed into a plurality of spots, the system comprising antennas each comprising an array of radiating elements able to receive and/or to transmit radioelectric signals, the antennas being configured so as to cover, in reception and/or in transmission, the said zone with two grids of spots, several spots (401) of the first grid, generated by a first antenna, being positioned according to a first geometric pattern, so that there exist points that are situated substantially equidistantly from several adjacent spots, several spots (402) of the second grid, that are generated by a second antenna, being positioned according to a second geometric pattern chosen as a function of the first geometric pattern, in such a way that several spots of the second grid are centred on the said points. The invention applies notably to multi-beam telecommunications satellites, in particular to those required to produce a large number of beams to cover a given territory. Figure 3c to be published.

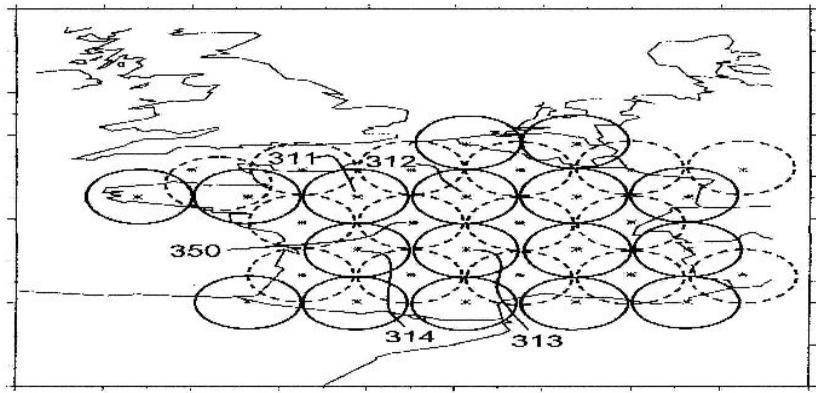


FIG.3c

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.1886/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LACED COMPOSITE SYSTEM

(51) International classification

:G01N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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(72)Name of Inventor :

**1)NARAYANAN ANANDAVALLI
2)NARAYANAN LAKSHMANAN
3)NAGESH RANGANATHA IYER
4)JAYACHANDRAN RAJASANKAR
5)AMAR PRAKASH**

(57) Abstract :

The present invention provides a laced composite system comprising, a sandwiched filler material between upper and lower cover plates (1), the said cover plates being provided with the plurality of perforations (2) along the length, plurality of reinforcing members (3) being passed through the said perforations to connect the said cover plates, plurality of transverse/ cross rods (4) being attached at the outer side of the said cover plates to hold the said reinforcing members in order to enhance the ductility and rotational capacity of the said laced composite system to resist the suddenly applied dynamic load. This method of fabrication avoids welding in total. This system possesses high quality due to part fabrication in factory, rapid installation and provision for integration of multiple units. Strength of the infilled material is effectively utilized.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.1887/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PLANAR SOLAR CONCENTRATORS USING SUBWAVELENGTH GRATINGS

(51) International classification	:B61F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA

(72)Name of Inventor :

1)BALA PESALA

(57) Abstract :

Light concentration of order more than 1 OX using sub-wavelength diffraction gratings integrated on glass substrates is claimed. The invention discloses designing of subwavelength gratings, with period less than the wavelength of light, which can effectively guide the incoming solar radiation into the glass substrate. The subwavelength gratings so designed eliminate long wavelength IR light with energy below the band gap of solar cell completely thus reducing the heating of the solar cell and eliminating the extra cooling requirement (size) thus increasing the efficacy. The subwavelength gratings integrated on top of low cost planar glass substrates and can be used for solar photovoltaic and other applications for heating/cooling purposes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1899/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PRODUCING 3-(1-AMINOETHYL) PHENYL ALKYL/ARYL SULFONATE AN INTERMEDIATE OF RIVASTIGMINE OF PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

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

(71) Name of Applicant :
1)JUBILANT LIFE SCIENCES LIMITED
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(72) Name of Inventor :
1)BISWAS SUJAY
2)BANSAL VIKAS
3)DUDEY SHAILENDRA KUMAR
4)VERMA VED PRAKASH
5)VIR DHARAM

(57) Abstract :

The present invention relates to an improved process for the preparation of 3-(l-aminoethyl) phenyl alkyl/arylsulfonate, a key intermediate used for the preparation of rivastigmine and pharmaceutically acceptable salts thereof.

No. of Pages : 13 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.1930/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A DIAMOND SHAPED CROSS SECTION FOLDED-WAVEGUIDE SLOW WAVE STRUCTURE□

(51) International classification	:G01N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**

1)THE DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

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110105 India.

(72) **Name of Inventor :**

**1)Murugan Sumathy
2)Kalarickaparambil Joseph Vinoy
3)Subrata Kumar Datta
4)Lalit Kumar**

(57) Abstract :

The present disclosure provides a folded-waveguide slow-wave structure (100) comprising: a constituent waveguide of diamond shaped cross section (101) folded in predetermined pattern having an inlet (101a) for passing microwave signals and an outlet (101b) for extracting the amplified microwave signals; and a beam-hole (102) of predetermined diameter on the constituent structure for passing an electron beam.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.2804/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR PRODUCING OLEFINIC THERMOPLASTIC ELASTOMER COMPOSITION

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-214793	1)MITSUFUKU INDUSTRY CO., LTD. Address of Applicant :1248, UESHIMO-CHO, SANO-SHI, TOCHIGI-KEN, 327-0835, JAPAN
(32) Priority Date	:27/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KAZUKI WATANABE 2)YUUYA AKIMOTO 3)YUICHI ITO
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a method for supplying an ethylene/α-olefin/non-conjugated polyene copolymer rubber, a polypropylene resin, and a cross-linking agent to the extruder without impairing their characteristics and in a uniform composition in the production of the olefinic thermoplastic elastomer composition with an extruder. The present invention is a method for producing a thermoplastic elastomer composition by melt-kneading of a rubber and polypropylene resin and cross-linking with a cross-linking agent in an extruder, which comprises mixing a massive ethylene/α-olefin/non-conjugated polyene copolymer rubber, a powdery polypropylene resin and a cross-linking agent in a closed type kneader at the temperature or lower of the lowest among the melting temperature (t1) of the polypropylene resin and the one minute half-life temperature (t2) of the cross-linking agent or the starting temperature (t3) of reaction of the cross-linking agent, and supplying the obtained mixture to the extruder.

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.1889/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PRODUCTION OF GREEN TEA. CONCENTRATE (GTC) FROM FRESH TEA GARDEN LEAF

(51) International classification	:A23K	(71) Name of Applicant : 1) NAVIN C. SARIN Address of Applicant :CHANDPUR TEA ESTATE, PLAMPUR- 176061 HIMACHAL PRADASH 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)NAVIN C. SRIN
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

NA

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.1890/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HAND DRIVEN TRUCK

(51) International classification	:B62D51/02	(71) Name of Applicant : 1)A.K.GUPTA Address of Applicant :FLAT NO. 11, POCKET A-1, SECTOR-3, ROHINI, NEW DELHI-110085. 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)A.K.GUPTA
Filing Date	:NA	
(87) 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 hand driven truck comprises of:- 1. Chassis with front and rear wheels 2. Manually operated hydraulic power pack 3. Hydraulic cylinder 4. Gearbox 5. Gearbox 2 articulated with the axle of the truck The trucks chassis comprises of wheels and harbors the driving system. The paddling of paddles of the Hydraulic Power Pack makes a constant flow of the fluid in the hydraulic cylinder to throw out its arms off the cylinder fixed distally, applying cam effect, it moves the rotating disc of the gearbox affixed at one end of the invented gearbox. On the axle of the other end of the invented gearbox the clutch attachment system is made to which gearbox 2 of the truck is attached.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1900/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ZIPRASIDONE HYDROCHLORIDE MONOHYDRATE

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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1)HOLKAR, ANIL GANPATRAO

2)SHARMA, CHANDRASEKHER CHANDRAKANT

3)SATHISH, MYSORE ASWATH

4)VIR, DHARAM

(57) Abstract :

The present invention is directed to a process for the preparation of ziprasidone hydrochloride monohydrate. It also relates to a process for the purification of ziprasidone base. Another aspect of the present invention is to provide a process for the preparation of large crystals of ziprasidone hydrochloride monohydrate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1913/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL PHASE CHANGE MATERIAL BASED HEAT WITHDRAWAL SYSTEM FOR ELECTRONIC/ELECTRICAL EQUIPMENT

(51) International classification

:H03J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

NA

(71)Name of Applicant :

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1)RAVINDRA KUMAR

2)DEEPAK GUPTA

3)PRAMOD SHARMA

4)ROHITASH KUMAR

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.2049/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : WELDING METHOD FOR CONNECTING AN ALUMINIUM PIPE FLANGE TO A PIPE MADE OF ALUMINIUM

(51) International classification	:C07D
(31) Priority Document No	:01120/11
(32) Priority Date	:05/07/2011
(33) Name of priority country	:Switzerland
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)WARTMANN TECHNOLOGIE AG

Address of Applicant :INDUSTRIESTRASSE 14, CH-4538
OBERBIPP, SWITZERLAND

(72)Name of Inventor :

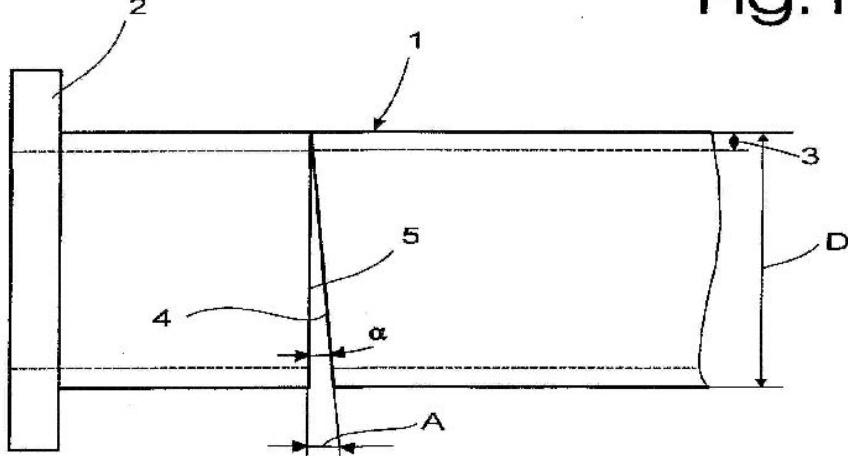
1)BEAT HOLENWEG

2)JEAN-LOUIS SCHAFER

(57) Abstract :

A welding method is provided for connecting an aluminium pipe flange (2) to a pipe (1) made of aluminium. With the latter the pipe (1) and the pipe flange (2) are fixed to one another, and in this mutual alignment a weld seam is produced around the pipe (1) and the pipe flange (2) by means of a plasma burner (10) using the MIG (plasma Metal Inert Gas) welding method. In order to shape the seam root a weld pool retainer (9) is used. With a welding joint (7; 8) with a cross-sectional shape dependent upon the pipe wall thickness (W) between the pipe (1) and the pipe flange (2), the weld seam is only produced in one weld position by the plasma burner (10) being guided with a consumable electrode (11) with a predetermined feed rate just once around the pipe (1) or the pipe flange (2). The pipe wall thickness (W) can be approximately up to approximately 11 mm. Therefore the risk of air and gas inclusions is practically eliminated, and the necessity for flame straightening is minimised. Fig. 1

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.2783/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND SYSTEM TO PREDICT POWER PLANT PERFORMANCE

(51) International classification	:B23B
(31) Priority Document No	:12/895,293
(32) Priority Date	:30/09/2010
(33) Name of priority country	:U.S.A.
(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)GENERAL ELECTRIC COMPANY

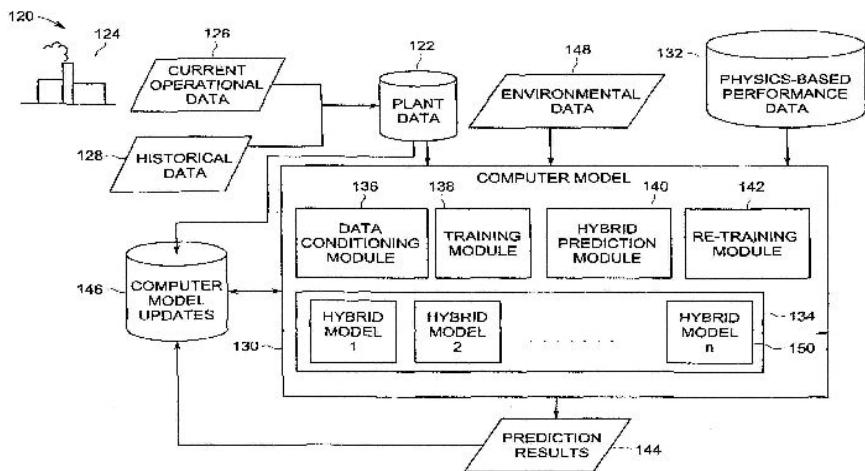
Address of Applicant :1 RIVER ROAD, SCHENECTADY,
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(72)Name of Inventor :

- 1)SUBBU RAJESH VENKAT
- 2)FUJITA LINCOLN MAMORU
- 3)YAN WEIZHONG
- 4)OUELLET NOEMIE DION
- 5)MITCHELL RICHARD J.
- 6)BONISSONE PIERO PATRONE
- 7)HOSKIN ROBERT FRANK

(57) Abstract :

The present disclosure relates to the use of hybrid predictive models (150) to predict one or more of performance, availability, or degradation of a power plant or a component of the power plant. The hybrid predictive model (150) comprises at least two model components, one based on a physics-based modeling approach (152) and one based on an observational or data-based modeling approach (154). The hybrid predictive model (150) may self-tune or self-correct as operational performance varies over time.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.2823/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SEWING MACHINE WORK ANALYZING DEVICE AND SWEING MACHINE WORK ANALYSIS METHOD

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:201010298799.9	1)JUKI CORPORATION
(32) Priority Date	:29/09/2010	Address of Applicant :2-11-1, TSURUMAKI, TAMA-SHI, TOKYO Japan
(33) Name of priority country	:Canada	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)MINAMI, MASAMI 2)UETA, MASAHIKO 3)YASHIRO, NATSUKO
(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 exemplary embodiment, a sewing machine work analyzing device includes: a pitch time measuring means for measuring a pitch time; a pitch time frequency distribution calculating means for calculating a pitch time frequency distribution based on the measured pitch time; a work time classifying means for classifying a work time into a regular work time and an irregular work time based on the calculated pitch time frequency distribution; and an output means for outputting the classified regular work time and irregular work time in an identifiable manner.

No. of Pages : 71 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.2824/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DRIVING MECHANISM, LENS BARREL, AND CAMERA

(51) International classification	:B23B
(31) Priority Document No	:2010-220713
(32) Priority Date	:30/09/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)NIKON CORPORATION

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

(72)Name of Inventor :

1)KUWANO, KUNIHIRO

2)NISHIMOTI,

(57) Abstract :

A driving mechanism (1) includes a first piezoelectric element (6) and a first driving member (3) that is driven by the first piezoelectric element (6) and that vibrates in a first direction. The first driving member (3) includes a second piezoelectric element (7) and a second driving member (3a) that is driven by the second piezoelectric element (7) and that vibrates in a second direction different from the first direction. A difference between the vibration resonance frequency of the first driving member (3) and the vibration resonance frequency of the second driving member (3a) is equal to or less than the half-width at a half maximum (HWHM) of a function representing an amplitude frequency characteristic in the vibration of the first driving member (3).

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.2825/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DRIVING MECHANISM, LENS BARREL, AND CAMERA

(51) International classification	:B23B
(31) Priority Document No	:2010-220835
(32) Priority Date	:30/09/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)NIKON CORPORATION

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

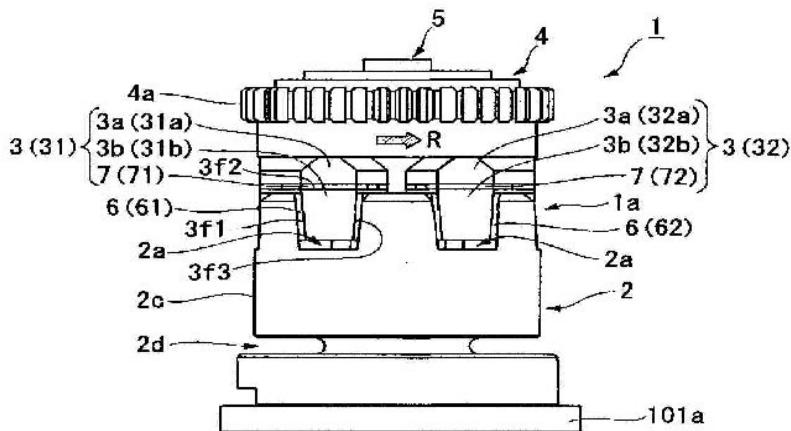
(72)Name of Inventor :

1)KUWANO, KUNIHIRO

(57) Abstract :

A driving mechanism includes plural driving members arranged in a circumferential shape around a reference shaft, a base member holding the plural driving members with each interposed in the circumferential direction, first piezoelectric elements vibrating in a thickness-shear vibration mode in a first direction, and second piezoelectric elements vibrating in the thickness-shear vibration mode in a second direction. Each driving member includes a first member and a second member. The base member supports one driving member of two driving members adjacent to each other in the circumferential direction on a first support face and supports the other driving member on a second support face. The base member is formed so that the angle formed by the first support face and the second support face is equal to or greater than 60°.

FIG. 1



No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.2826/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DRIVING MECHANISM, LENS BARREL, AND CAMERA

(51) International classification	:B23B
(31) Priority Document No	:2010-220833
(32) Priority Date	:30/09/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)NIKON CORPORATION

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

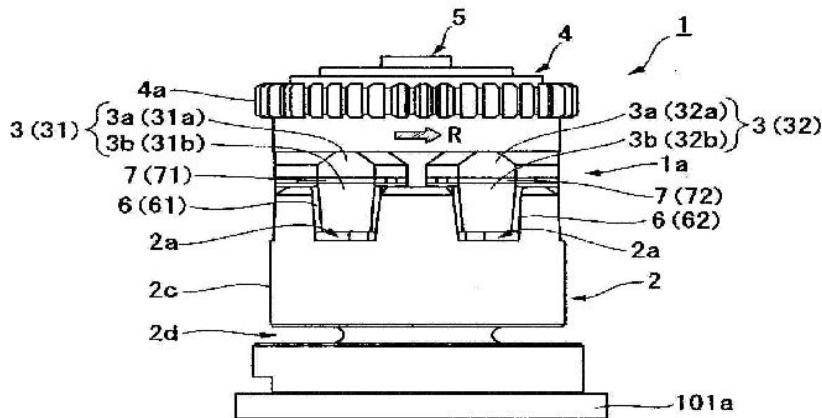
(72)Name of Inventor :

1)KUWANO, KUNIHIRO
2)KANEMITSU, HIROMOTO

(57) Abstract :

A driving mechanism includes a first piezoelectric element that vibrates in a thickness-shear vibration mode in a first direction, a first member that is driven to vibrate in the first direction by the first piezoelectric element, a second piezoelectric element that is supported by the first member and that vibrates in the thickness-shear vibration mode in a second direction, and a second member that is driven to vibrate in the second direction by the second piezoelectric element.

FIG. 1



No. of Pages : 63 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.2827/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD OF MODIFYING A STEAM TURBINE

(51) International classification

:B23B

(31) Priority Document No

:1057947

(32) Priority Date

:30/09/2010

(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)ALSTOM TECHNOLOGY LTD

Address of Applicant :BROWN BOVERI STRASSE 7, 5400
BADEN, SWITZERLAND

(72)Name of Inventor :

1)FREDERIC LAMARQUE

(57) Abstract :

The invention consists in a method of modifying a steam turbine (1), steam being generated by a steam generator, the method enabling the turbine (1) to be adapted to the change from a first maximum thermal power of the steam generator to a second maximum thermal power of the steam generator, the turbine (1) including a high-pressure module (2) comprising at least one set (2A) of fixed blades and a rotor (4) supporting at least one set (2B) of moving blades, characterised in that the method comprises the replacement, in the high-pressure module (2), of at least one set (2A) of fixed blades sized for the first maximum thermal power by at least one set (2A) of fixed blades sized for the second maximum thermal power, and in that the set or sets (2B) of moving blades being sized to operate at the first and second maximum thermal powers, the rotor (4) and the set or sets (2B) of moving blades of the high-pressure module (2) remain unchanged on changing from the first maximum thermal power to the second maximum thermal power. Figure to publish: Figure 1

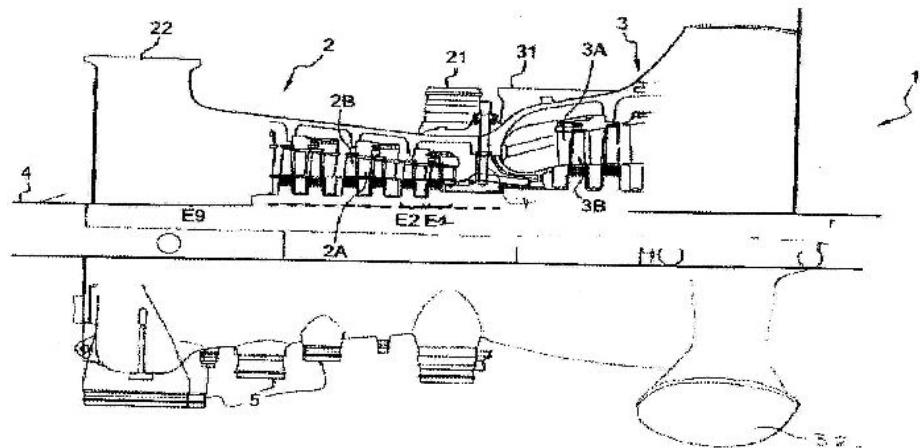


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.2797/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM, DEVICE, AND METHOD FOR AUTOMATED MONITORING AND OPERATION OF WIND TURBINES

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:12/898,322	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:05/10/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)SRIVASTAVA VAIBHAV 2)JOSE CHERY
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system (200) for use in operating a wind turbine (100) is provided. The system includes a wind turbine controller (240) operatively coupled to the wind turbine and configured to transmit an exception condition and a plurality of parameters representing at least one of a configuration of the wind turbine controller and an operating condition of the wind turbine, and a controller management device (230) coupled in signal communication with the wind turbine controller and is configured to receive the exception condition and the parameters from the wind turbine controller, identify at least one correction that is associated with the exception condition, and apply the correction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.28/DEL/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ELEVATOR APPARATUS AND ROPE INSPECTION DEVICE

(51) International classification

:C12L

:2011-

(31) Priority Document No

012466

(32) Priority Date

:25/01/2011

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HITACHI LTD.

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

(72)Name of Inventor :

1)ONOZATO TAKASHI

2)HAGIWARA TAKAYUKI

3)MAEDA TAICHI

4)HAYANO TOMIO

5)SATO GORO

(57) Abstract :

The present invention provides a rope inspection device including elevating bodies 3 and 4, a rope 1, and a winder. The rope 1 includes a core made of resin and placed at a center of the rope. A plurality of schenkels formed by twisting strands of conductors, and an outer layer resin that coats outer circumferences of the core and the plurality of schenkels. A connector 7 is provided at an end of the rope. A separate current is passed through each schenkel through the conductive wire 9 to detect a state of the current and detect contact between the schenkels.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.2813/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : IMAGING DEVICE AND CAMERA SYSTEM

(51) International classification	:G11B	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	224235	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:01/10/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)TOSHIYUKI NISHIHARA
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An imaging device includes: a pixel array section functioning as a light receiving section which includes photoelectric conversion devices and in which a plurality of pixels, which output electric signals when photons are incident, are disposed in an array; a sensing circuit section in which a plurality of sensing circuits, which receive the electric signals from the pixels and perform binary determination regarding whether or not there is an incidence of photons on the pixels in a predetermined period, are arrayed; and a determination result integration circuit section having a function of integrating a plurality of determination results of the sensing circuits for the respective pixels or for each pixel group, wherein the determination result integration circuit section derives the amount of photon incidence on the light receiving section by performing photon counting for integrating the plurality of determination results in the plurality of pixels.

No. of Pages : 83 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.2817/DEL/2011 A

(43) Publication Date : 11/01/2013

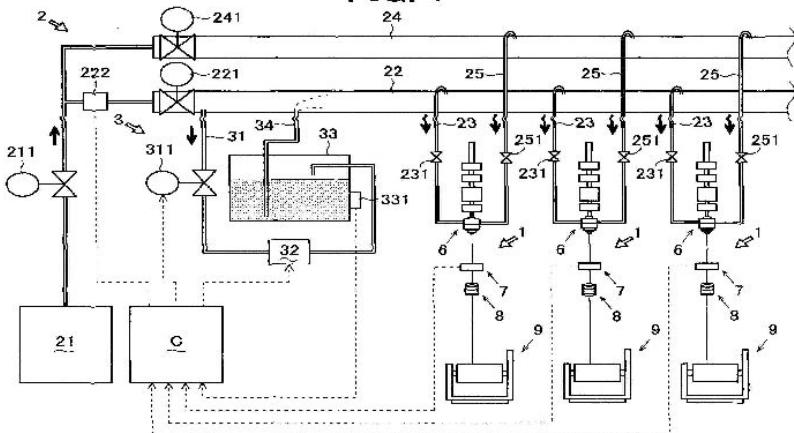
(54) Title of the invention : SPINNING MACHINE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:2010-248774	1)MURATA MACHINERY, LTD.,
(32) Priority Date	:05/11/2010	Address of Applicant :3 MINAMI OCHIAI-CHO, KISSSHODAN, 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)OTA NARITOSHI 2)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 is provided with a plurality of spinning units, each of which has an air-jet spinning device that twists a fiber bundle using a whirling airflow. The spinning machine includes an air transporting device that transports air, an air pipe that guides the air transported by the air transporting device, an additive supplying device that supplies an additive to the air pipe at upstream of a branch where the air flowing through the air pipe branches off towards the air-jet spinning devices, and a control device that adjusts the volume of an additive to be supplied by the additive supplying device. Most Illustrative Drawing: FIG. 7

FIG. 7



No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2832/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TUNNELER DEVICE AND METHOD OF USE

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:12/894,882	1)TYCO HEALTHCARE GROUP, L.P.
(32) Priority Date	:30/09/2010	Address of Applicant :15 HAMPSHIRE STREET, MANSFIELD, MASSACHUSETTS 02048, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)MARTIN, PETER
Filing Date	:NA	2)COTE, STEVEN B.
(87) International Publication No	:NA	3)BURGESS, DILLON
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tunneler device is provided. The tunneler device includes a handle formed on a proximal end thereof configured for operable engagement by a user, a shaft extending distally from the handle, a collet supported on the distal end of the shaft, the collet including a plurality of distally extending fingers defining a longitudinal opening, the opening being configured to receive an end of a catheter tube and a connector configured for operable engagement with the collet, wherein the connector is configured to bias the fingers of the collet radially inward upon engagement of the connector with the collet.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.2810/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : GALLIUM NITRIDE LED DEVICES WITH PITTED LAYERS AND METHODS FOR MAKING THEREOF □

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:61/416,634	1)PINECONE ENERGIES INC.
(32) Priority Date	:23/11/2010	Address of Applicant :Sea Meadow House Blackburne Highway (P.O. Box 116) Road Town Tortola British Virgin Islands
(33) Name of pri□ri□y country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)Heng LIU
Filing Date	:NA	
(87) 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 :

Light-emitting diode device and method for making thereof. The device includes an n-type layer including a first surface and associated with a first thickness and a pitted layer on the first surface. The pitted layer includes a second surface and associated with a second thickness ranging from 500 ... to 3000 Additionally the device includes an active layer on the second surface the active layer being associated with a third thickness ranging from 10 ... to 20... and a p-type layer on the active layer. The n-type layer is associated with a defect density at the first surface and the defect density ranges from 1—109 cm-2 to 1—1010 cm-2. The pitted layer is associated with at least a plurality of pits.

No. of Pages : 35 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2828/DEL/2011 A

(43) Publication Date : 11/01/2013

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

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:P2010-227502	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:07/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)TAKAFUMI MORIFUJI 2)MASAMI OGATA
(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 image processing apparatus is provided with a parallax detector configured to detect parallax between a left-eye image and a right-eye image used to display a 3D image, a parallax range computing unit configured to compute a range of parallax between the left-eye image and the right-eye image, a determining unit configured to determine whether or not the sense of depth when viewing the 3D image exceeds a preset range that is comfortable for a viewer, on the basis of the computed range of parallax, and a code generator configured to generate a code corresponding to the determination result of the determining unit.

No. of Pages : 48 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2829/DEL/2011 A

(43) Publication Date : 11/01/2013

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

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:P2010-228303	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:08/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YUSUKE MIYAZAWA
(86) International Application No	:NA	2)TETSUO IKEDA
Filing Date	:NA	3)FUMINORI HOMMA
(87) International Publication No	:NA	4)REIKO MIYAZAKI
(61) Patent of Addition to Application Number	:NA	5)KEN MIYASHITA
Filing Date	:NA	6)SOICHIRO MORIYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is provided for modifying an image. The method comprises displaying an image, the image comprising a portion of an object; and determining if an edge of the object is in a location within the portion. The method further comprises detecting movement, in a member direction, of an operating member with respect to the edge. The method still further comprises moving, if the edge is not in the location, the object in an object direction corresponding to the detected movement; and modifying, if the edge is in the location, the image in response to the detected movement, the modified image comprising the edge in the location.

No. of Pages : 95 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2830/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MICROWAVE FILTER WITH DIELECTRIC RESONATOR

(51) International classification	:B23B
(31) Priority Document No	:1003899
(32) Priority Date	:01/10/2010
(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)TALES

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

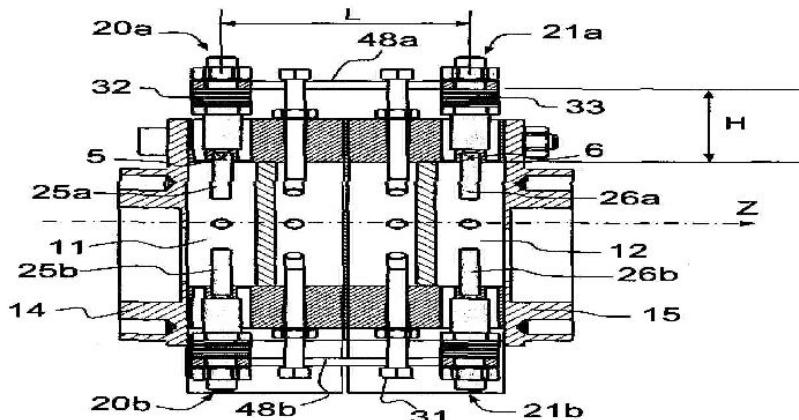
(72)Name of Inventor :

1)JOEL LAGORSSE

2)DAMIEN PACAUD

(57) Abstract :

The filter of longitudinal axis Z comprises: at least one resonant cavity (11) delimited by walls (10, 14, 15) made of a material that has a non-zero expansion coefficient, a dielectric resonator (16) mounted in the cavity (11) transversally to the axis Z, a mechanical device for compensating at least one resonance frequency of the cavity as a function of the temperature, the compensation device comprising: at least one rotationally mobile finger (20a) for each mode and for each cavity, the mobile finger penetrating to a fixed depth into the cavity (11) via a pivot link (5), and an external mechanical actuator (48a) mounted parallel to the axis Z and mechanically coupled to the mobile finger (20a), the external mechanical actuator (48a) being made of a material that has a coefficient of thermal expansion at least five times lower than that of the walls of the filter. Fig. 4



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2831/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LIGHT-EMITTING DEVICE AND IMAGE DISPLAY APPARATUS

(51) International classification	:G01B	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	227410	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:07/10/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)SHINGO OHKAWA
Filing Date	:NA	
(87) 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 light-emitting device includes: a light guiding member; a plurality of light-emitting elements; and a reflection member. A light reflection/exit surface of the light guiding member has a concave-convex pattern including a plurality of convex portions reflecting light emitted from the light-emitting elements inward. On the assumption that L is a distance between the light-emitting elements, t is a thickness of the light guiding member, an incident angle Φ of the light on the light reflection/exit surface is an angle between a line segment obtained by projecting a light path from the light-emitting element to the light reflection/exit surface and a line segment extending from a central point of the light-emitting element to the light reflection/exit surface, and θ is a maximum angle range of reflected light, a value of the angle range θ decreases as a value of the incident angle Φ increases in a range of $0 < \Phi$

No. of Pages : 105 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2011

(21) Application No.2807/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CATALYST AND METHOD OF MANUFACTURE

(51) International classification

:C07C

(31) Priority Document No

:12/899,429

(32) Priority Date

:06/10/2010

(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

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
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(72)Name of Inventor :

1)WINKLER BENJAMIN HALE

2)HANCU DAN

3)NORTON DANIEL GEORGE

4)MHADESHWAR ASHISH BALKRISHNA

(57) Abstract :

A catalyst system includes a first catalytic composition and a second catalytic composition. The first catalytic composition includes a homogeneous solid mixture, which includes a first catalytic material disposed on a first substrate. The pores of the solid mixture have an average diameter of greater than about 45 nanometers. The second catalytic composition includes at least one of a zeolite or a second catalytic material disposed on a second substrate. The second catalytic material includes an element selected from the group that includes tungsten, titanium, and vanadium.

No. of Pages : 35 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.2819/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : WORK ANALYZING APPARATUS IN COOPERATING SYSTEM OF A PLURALITY OF SEWING MACHINES

(51) International classification	:A61K	(71) Name of Applicant : 1)JUKI CORPORATION Address of Applicant :2-11-1, TSURUMAKI, TAMA-SHI, TOKYO Japan
(31) Priority Document No	:201010298829.6	
(32) Priority Date	:29/09/2010	
(33) Name of priority country	:China	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)UETA, MASAHIKO 2)HARA, SATOMI
(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 exemplary embodiment, a work analyzing apparatus in a cooperating system of a plurality of sewing machines includes: a thread cutting information receiving portion connected to a plurality of sewing machines to receive, from each of the plurality of sewing machines, thread cutting information indicating that thread cutting is carried out by the respective sewing machines; a stitch length receiving portion connected to the sewing machines to receive, from the respective sewing machines, information about a stitch length of a sewing carried out by the respective sewing machines; an in-process stitch length information creating portion for creating in-process stitch length information to be information about a stitch length in a single process from thread cutting to next thread cutting of the respective sewing machines based on the stitch length information and the thread cutting information; and a process determining portion for classifying a sewing process carried out by the respective sewing machines based on the received in-process stitch length information.

No. of Pages : 54 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2011

(21) Application No.2820/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD, DEVICE AND MEANS FOR DRIVING A RECIPROCATING LINEAR-MOTION DOUBLE-ACTING PUMP

(51) International classification	:A61K
(31) Priority Document No	:10 57862
(32) Priority Date	:29/09/2010
(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)EXEL INDUSTRIES

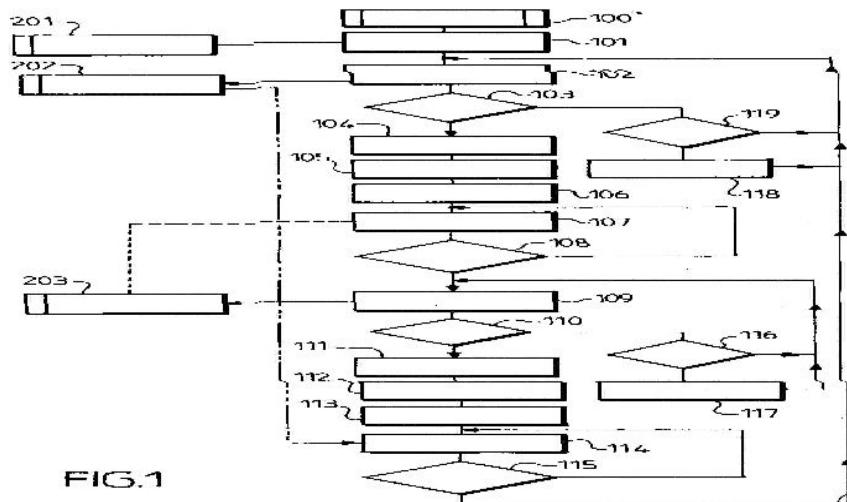
Address of Applicant :54, RUE MARCEL PAUL, 51206
EPERNAY, FRANCE

(72)Name of Inventor :

1)MATHIEU ROMAIN

(57) Abstract :

Method, device and means for driving a reciprocating linear-motion double-acting pump A method for controlling a drive means mechanically connected to a reciprocating linear-motion double-acting pump comprises the use of speed-regulating control during the phase in which the piston is moving in just one direction, ascent (109) or descent (102), and the use of torque-regulating control immediately after the reversal (107, 114) of the direction of travel. Application to a control device and to a drive means mechanically connected to a reciprocating linear-motion double-acting pump. Figure for the Abstract: figure 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2837/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TEXTILE SHEETLIKE STRUCTURE IMPREGNATED WITH AN ANTIMICROBIAL ACTIVE INGREDIENT SOLUTION FOR USE ON ANIMATE SURFACES

(51) International classification	:A41B	(71) Name of Applicant :
(31) Priority Document No	:10 2010 049 114.4	1)L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(32) Priority Date	:22/10/2010	Address of Applicant :75 QUAI D'ORSAY, F-75007 PARIS FRANCE
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)DETTMANN ANDREAS
Filing Date	:NA	2)SPUIDA THOMAS
(87) International Publication No	:NA	3)BEHRENDS SABINE
(61) Patent of Addition to Application Number	:NA	4)WOLFF MICHAEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a textile sheetlike structure impregnated with an antimicrobial active ingredient solution. The active ingredient solution comprises bispyridiniumalkane. A content of nonionic bis-pyridiniumalkane and/or amphoteric surfactant in the active ingredient solution prevents the adsorption of the bispyridiniumalkane on the synthetic support material of the sheetlike structure. Preferred support materials are polyethylene terephthalate (PET) and polypropylene (PP). In addition, the invention relates to the use of these additives in such an active ingredient solution for reducing the adsorption of the bispyridiniumalkanes on the synthetic support material. Furthermore, the invention relates to a kit of synthetic support material and antimicrobial active ingredient solution for producing such sheetlike structures.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2841/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HEATING - ENERGY SAVING SYSTEM AND METHOD

(51) International classification	:B23B
(31) Priority Document No	:10187919.5
(32) Priority Date	:18/10/2010
(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)NESTEC S.A.

Address of Applicant :AVENUE NESTLE 55, CH-1800
VEVEY, SWITZERLAND

(72)**Name of Inventor :**

1)KARLSSON MARTIN

(57) Abstract :

The present invention presents a heating-energy saving system 10 and a heating-energy saving method, which realize self-learning energy preservation (SLEP) system or method. By means of this system 10 or method, the energy consumption of a beverage machine 20, which is mainly due to heating of the liquid required to provide hot beverages, can be reduced. At the same time, by adaptively learning and anticipating when a user is likely to use the beverage machine 20, the waiting time for the user, which is typically caused by the reheating process of the liquid in the beverage machine 20, can be significantly reduced. The system adapts the heating to what it learns from the user behavior. The described system and method are adapted to be installed in all kinds of beverage machines 20, either used in private or in public.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2843/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CATALYST AND METHOD OF MANUFACTURE

(51) International classification

:A61K

(31) Priority Document No

:12/897650

(32) Priority Date

:04/10/2010

(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) Abstract :

According to various embodiments, a catalyst composition includes a catalytic metal secured to a porous substrate. The substrate has pores that are templated. The substrate is a product of adding (102) a substrate precursor to a water-in-oil microemulsion including a catalytic metal salt, a solvent, a templating agent, and water.

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

(71)Name of Applicant :

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NEW YORK 12345, USA.

(72)Name of Inventor :

1)LEWIS, LARRY NEIL

2)COLBORN, ROBERT EDGAR

3)MHADESHWAR, ASHISH BALKRISHNA

4)HANCU, DAN

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2845/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DEVICE FOR MEASURING THE CHARACTERISTICS OF A FLOW WITHIN A PIPE

(51) International classification

:B23B

(31) Priority Document No

:12/899629

(32) Priority Date

:07/10/2010

(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

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, USA.

(72)Name of Inventor :

1)FURLONG, EDWARD RANDALL

(57) Abstract :

A device for measuring the physical characteristics of a flow within a pipe (200) is disclosed. In one exemplary embodiment, the device comprises a plug (150) attached to two or more strut assemblies (120), each strut assembly (120) comprising a forward strut (130), a rearward strut (135), and a skid (140) having an inner surface (147) that faces the plug (150), and one or more sensors located on the inner surface (147) of the skid (140).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2846/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LIQUID RING COMPRESSORS FOR SUBSEA COMPRESSION OF WET GASES

(51) International classification

:B23B

(31) Priority Document No

:12/901801

(32) Priority Date

:11/10/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
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(72)Name of Inventor :

1)AALBURG, CHRISTIAN

2)SIMPSON, ALEXANDER KIMBERLEY

3)FRIEDEMANN, JOHN DANIEL

4)MICHELASSI, VITTORIO

(57) Abstract :

The present disclosure is directed to liquid ring compressors that can be employed to remove liquid from a wet gas and/or to compress a wet gas. In one embodiment, a liquid ring compressor (22) includes a shaft (64), a main body inner casing (62) disposed about the shaft (64) to form a chamber (72) between the shaft (64) and the main body inner casing (62), and an inlet (42) configured to remove a portion of liquid from a wet gas and to direct the wet gas into the chamber (72). The liquid ring compressor (22) also includes an impeller (66) rotatably disposed within the chamber (72) and configured to direct a remaining portion of the liquid in the wet gas out towards the main body inner casing (62) to form a liquid ring (96) within the chamber to compress the wet gas.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.2865/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ADVECTION-TYPE FAN

(51) International classification	:B03C	(71) Name of Applicant :
(31) Priority Document No	:100117547	1)Sunonwealth Electric Machine Industry Co. Ltd.
(32) Priority Date	:19/05/2011	Address of Applicant :12F-1 No.120 Chung-Cheng 1st Rd.
(33) Name of priority country	:Taiwan	Lingya Dist. Kaohsiung Taiwan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Alex HORNG
(87) 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 advection-type fan includes a fan frame a driving module and an impeller. The fan frame has a first cover portion a second cover portion and a lateral wall portion arranged between the first and second cover portions wherein the lateral wall portion has an air inlet and an air outlet. The driving module is received in the fan frame and coupled with the first cover portion. The impeller has a hub and a plurality of vanes. The hub is rotatably coupled with the driving module and the vanes are coupled with the hub.

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

(54) Title of the invention : GASIFIER MONITOR AND CONTROL SYSTEM

(51) International classification	:B64D
(31) Priority Document No	:12/901,391
(32) Priority Date	:08/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :1 RIVER ROAD, SCHENECTADY,
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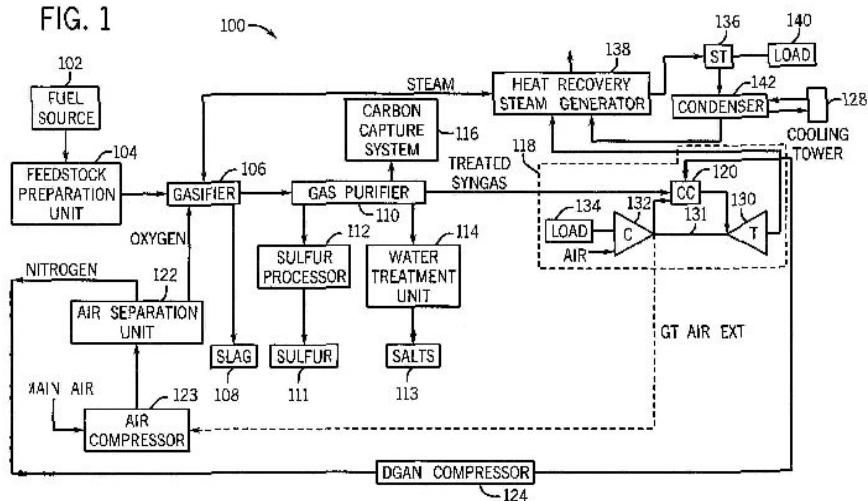
(72)Name of Inventor :

1)LEININGER THOMAS FREDERICK

(57) Abstract :

A system, including a gasifier (106) comprising a wall (188) defining a chamber (168), an inlet (170), an outlet (172), and a port (174), a combination feed injector (154) coupled to the inlet (170), wherein the combination feed injector (154) is configured to inject a first fuel (178) and air (181) or oxygen (182) into the chamber (168) to preheat the gasifier (106), and the combination feed injector (154) is configured to inject a second fuel (180) and oxygen (182) into the gasifier (106) after preheating to gasify the second fuel (180), an optical device (156) coupled to the port (174), a sensor (158) coupled to the optical device (156), and a monitoring system (160) coupled to the sensor (158), wherein the monitoring system (160) is configured to acquire data (222) from the sensor (158), process the data (224), and provide an output (226) representative of a condition of the gasifier (106) based on the data (222).

FIG. 1



No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2839/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SEAL OIL FEEDING APPARATUS OF ROTATING ELECTRICAL MACHINE

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-237449	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN
(32) Priority Date	:22/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)AJIOKA HIDEYASU 2)TANI TAKAHARU 3)SOMA SHOHEI 4)MOURI TOSHIHIRO 5)MURAKAMI NAOSHI 6)KURAMOTO MITSUYOSHI
(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, a seal oil feeding apparatus includes a hydrogen detraining tank, a float trap tank, and an air detraining tank. The hydrogen detraining tank is configured to collect and reserve seal oil that has flowed out to the inside of a housing from a sealing unit. The float trap tank is provided integrated with the hydrogen detraining tank horizontally, and is connected to the hydrogen detraining tank, so that the liquid level of the seal oil becomes substantially the same as the height of the hydrogen detraining tank. The float trap tank includes a float valve. The air detraining tank is placed at a position lower than the hydrogen detraining tank and float trap tank, and reserves seal oil that has flowed out from the float valve.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.2861/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SURGICAL RETRIEVAL APPARATUS

(51) International classification :B23B
(31) Priority Document No :61/389,391
(32) Priority Date :04/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

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**1)FLEMING, ALISTAIR IAN
2)GROVER, SIMON RODERICK
3)SEEGERT, CHARLES ALAN
4)CABRERA, RAMIRO**

(57) Abstract :

A surgical retrieval apparatus includes a housing having an elongated sleeve extending therefrom that, together, cooperate to define a lumen extending therethrough. A shaft having an end effector assembly disposed at a distal end thereof is selectively translatable between a first position, wherein the end effector assembly is disposed within the sleeve, and a second position, wherein the end effector assembly extends distally from the sleeve. A specimen retrieval bag is releasably coupled to the end effector assembly and is deployable to an extended position upon movement of the end effector assembly from the first to the second position.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.2886/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ALKALI-FREE GLASS COMPOSITIONS HAVING HIGH THERMAL AND CHEMICAL STABILITY

(51) International classification	:G08B	(71) Name of Applicant :
(31) Priority Document No	:61/390,406	1)CORNING INCORPORATED
(32) Priority Date	:06/10/2010	Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)ADAM J. ELLISON 2)TIMOTHY J. KICZENSKI
(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 :

Described herein are alkali-free, boroalumino silicate glasses exhibiting desirable physical and chemical properties for use as substrates in flat panel display devices, such as, active matrix liquid crystal displays (AMLCDs). In accordance with certain of its aspects, the glasses possess good dimensional stability as a function of temperature.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.2887/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CHARACTERIZING POLYMERS

(51) International classification	:C08B
(31) Priority Document No	:10013391.7
(32) Priority Date	:07/10/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)STEFANIE BRAUN

3)JOHANN RECHNER

4)RAINER KNOPF

5)TOM FOUBERT

6)FRANKY BRUYNSEELS

7)MAARTEN DE BOCK

(57) Abstract :

The present invention relates to a method for automatically determining the relative solution viscosity and/or the melt volume flow rate of a polymer during a phase of the process for producing the polymer, wherein the polymer is in a solution comprising from 10 to 20% by weight of the polymer in an organic solvent, the method comprising: a) continuously removing a substream of the polymer solution from a component of the process for producing the polymer, wherein the polymer solution is essentially free from inorganic salts; b) removing a sample having a volume of from 1 to 10 µl from the substream; c) introducing the sample into a gel permeation chromatography apparatus and determining the gel permeation chromatography data for the polymer; d) automatically determining the relative solution viscosity and/or of the melt volume flow rate of the polymer from the data obtained from the gel permeation chromatogram, on the basis of calibration relationships.

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.2872/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR DETECTING MISFIRE

(51) International classification	:B66B
(31) Priority Document No	:102010042001.8
(32) Priority Date	:05/10/2010
(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 :

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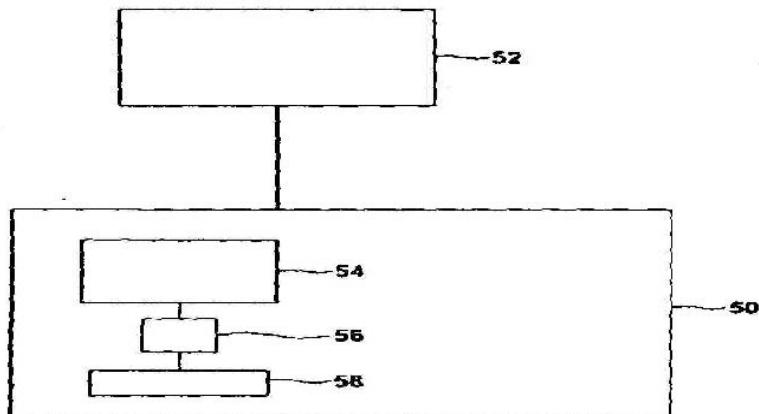
(72)Name of Inventor :

1)BOETTCHER, JENS

(57) Abstract :

A method for detecting a misfire (18) in an internal combustion engine (52) on the basis of a rough running signal (16, 34) calculated from rotational speed fluctuations is described. The method includes performing a dynamic compensation of the rough-running signal (16, 34) by a compensation value, filtering a number of time segment differences (12) with a low pass for calculating the compensation value, searching a maximum of all time segment differences (12), and replacing the maximum by an appropriate value before calculating a filter value (14).

Fig. 3.



No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.2874/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HIGH PRESSURE INJECTION SYSTEM HAVING VARIABLE VOLUMES

(51) International classification	:B66B
(31) Priority Document No	:102010042373.4
(32) Priority Date	:13/10/2010
(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

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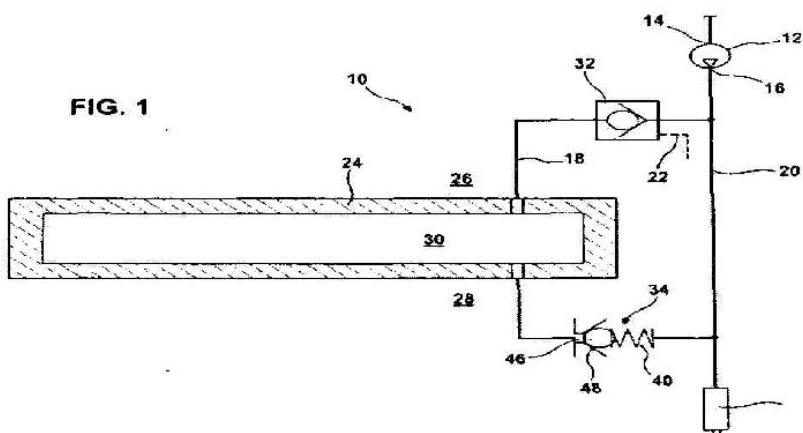
(72)Name of Inventor :

1)ZIEGLER, THOMAS

(57) Abstract :

A high pressure accumulator injection system (10) is proposed that includes at least one high pressure accumulator body (24) and a number of fuel injectors (36). The high pressure accumulator body (24) is acted upon by a high pressure pump (12). Further, either a bypass line (20) runs between the high pressure accumulator body (24) and the number of fuel injectors (36), or a minimum pressure is provided through a piston (50) in a minimum volume (62).

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.2875/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

(51) International classification	:B66B
(31) Priority Document No	:102010041976.1-
	34
(32) Priority Date	:05/10/2010
(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 :

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(72)Name of Inventor :

1)CALVA, ELIAS

2)RAI, KARTHIK

3)SCHMIDT, ANDREAS

4)GERSTLAUER, CHRISTOPH

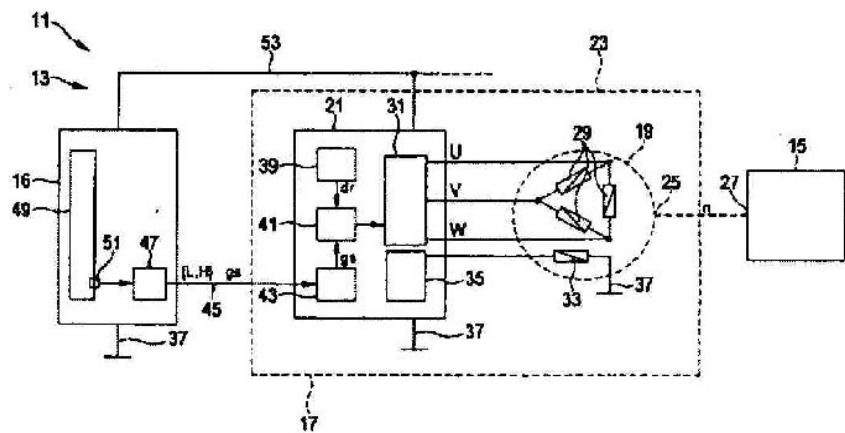
5)HILLER, BURKHARD

6)SIEBER, UDO

(57) Abstract :

Described herein is a method for operating an internal combustion engine (11) with a combustion engine (13) and an electric machine (17) coupled to a crankshaft (27) of the combustion engine (13). The method comprises receiving a control information; and switching the electric machine (17) in an engine operation (MR, MF) as a function of the control information. According to the present subject matter, the control information as a single control bit (gs); and the electric machine (17) is switched in the engine operation (MR, MF), when a value of the control bit (gs) changes to a first predetermined binary value.

Fig. 1



No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2011

(21) Application No.2876/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : VARIABLE HIGH-PRESSURE ACCUMULATOR

(51) International classification	:B66B
(31) Priority Document No	:10201004281.6
(32) Priority Date	:06/10/2010
(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 :

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(72)Name of Inventor :

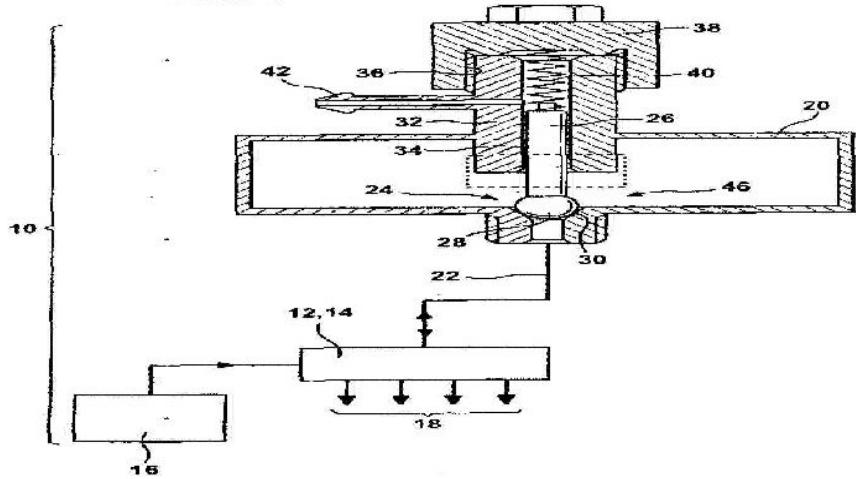
1)LUCARELLI, FRANCESCO

2)KOENIG, THOMAS

(57) Abstract :

A high-pressure injection system (10) is described. The high-pressure injection system (10) includes a first high-pressure accumulator (12) having a number of injector ports (18) and a second high-pressure accumulator (20), wherein the first high-pressure accumulator (12) and the second high-pressure accumulator (20) are separated from each other by a valve (24), wherein the first high-pressure accumulator (12) is formed with a small storage volume (14) and is applied by a high-pressure pump (16) and remains separated under an injection pressure from the second high-pressure accumulator (20).

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.2892/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PUMP ASSEMBLY, IN PARTICULAR FOR HELICOPTER LUBRICATION

(51) International classification	:B23B
(31) Priority Document No	:10425326.5
(32) Priority Date	:06/10/2010
(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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VIA GIOVANNI AGUSTA, SAMARATE, ITALY

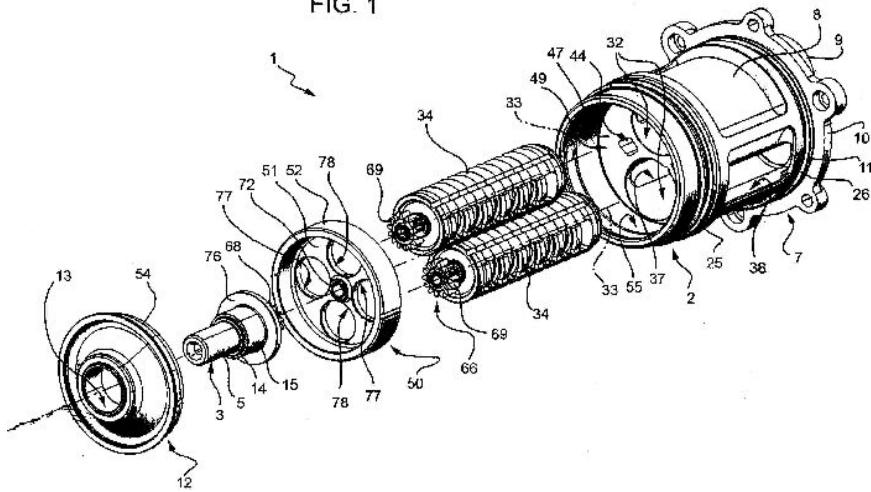
(72)Name of Inventor :

1)GABRIELLI ANDREA

(57) Abstract :

A pump assembly (1), in particular for lubrication in helicopters (16), has a casing (2), the lateral wall (8) of which defines an intake port (38) and a delivery port (40); and the casing (2) houses two rotary pumps (34) powered by a drive shaft (3) via a motion-splitting transmission (66). Figure 1

FIG. 1



No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.2893/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DOOR ASSEMBLY, IN PARTICULAR FOR A HELICOPTER, PROVIDED WITH AN EMERGENCY RELEASE DEVICE

(51) International classification	:F21Q
(31) Priority Document No	:10425325.7
(32) Priority Date	:06/10/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AGUSTAWESTLAND S.P.A

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

(72)Name of Inventor :

1)GORGOLIONE GIORGIO

(57) Abstract :

A door assembly (1), in particular for a helicopter, has a post (6); a door (8) fitted to the post by a first and second hinge (28, 27) arranged on an outer wall (31) of the post (6), so as to rotate about a hinge axis (9) to open and close a door opening (3); and an emergency release device (50) having a release handle (51), and a stem (44) which extends through the post (6) along a release axis (45) substantially perpendicular to the hinge axis (9), rotates axially, in response to operation of the release handle (51), from a first to a second angular position to detach the door (8) from the post (6), and is fixed at one axial end (43) to the first hinge (28); the release handle (51) being connected to the stem (44) to rotate together with the stem (44) about its release axis (45). Figure 1

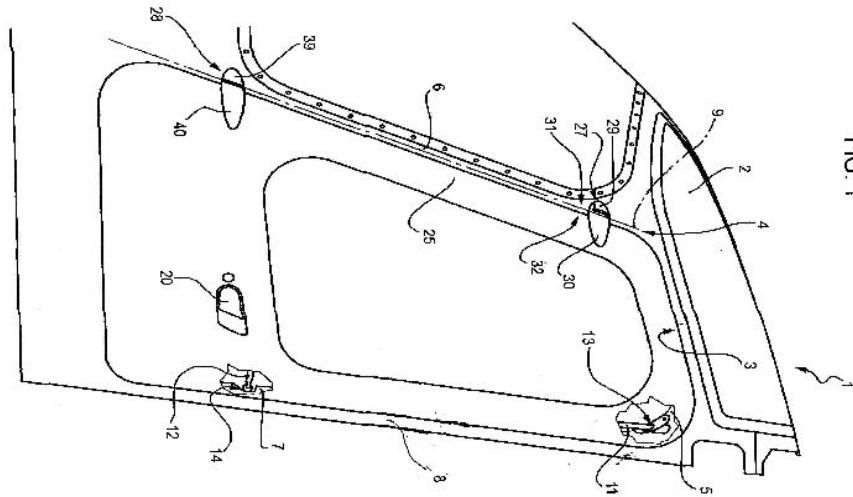


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2833/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INTRODUCER SHEATH FOR CATHETERS

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:12/894,333	1)TYCO HEALTHCARE GROUP LP
(32) Priority Date	:30/09/2010	Address of Applicant :15 HAMPSHIRE STREET, MANSFIELD, MASSACHUSETTS 02048, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)CHEBATOR, CASEY
Filing Date	:NA	2)CHAN, A. KEN
(87) 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 introducer sheath includes a tubular body portion having a proximal region and a distal region, and defines an internal lumen configured and dimensioned to slidably receive a catheter. A penetrating portion at a distal end of the tubular body has a first tapered configuration to enlarge an opening in a body tissue during distal advancement of the introducer sheath through the body tissue and a second expanded configuration to enable the passage of a distal end portion of a catheter through the penetrating portion.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2835/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : JOINT BETWEEN THE GEARBOX INPUT SHAFT AND THE ROTOR ROTATION SHAFT

(51) International classification	:B64D
(31) Priority Document No	:P201001337
(32) Priority Date	:18/10/2010
(33) Name of priority country	:Spain
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GAMESA INNOVATION & TECHNOLOGY, S.L.

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SPAIN

(72)Name of Inventor :

1)REDIN MIQUELEIZ, JUAN

(57) Abstract :

The joint between the gearbox input shaft and the rotor rotation shaft is made with a banded flange that combines an interference joint between the horizontal surface of the rotor shaft (4) and the internal surface of the flange (5), with a bolted joint between the vertical surface of the flange (5) and the front surface of the body of the gearbox (4) corresponding to the low speed shaft. The interference joint adds a keyway between both surfaces with their corresponding key (9). Likewise included is an assembly method with a surface treatment at temperature T1, flange heating (5) in an oven at a temperature T2, a banding of the flange (5) on the rotor rotation shaft (4) having the keyway line up with the key (9), a subsequent cooling and finally a bolted joint between the flange (5) and the gearbox (3). Fig. 4

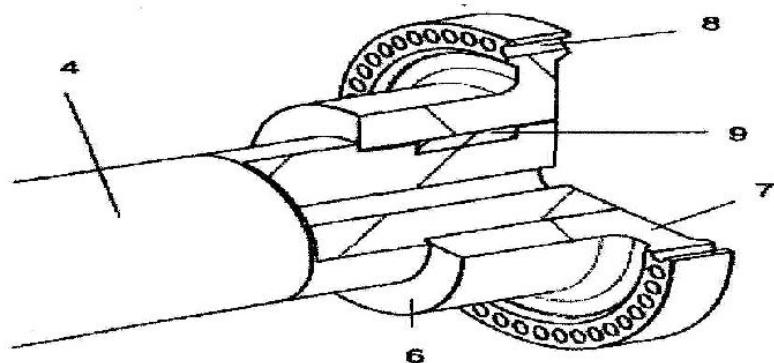


Fig. 4 -

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2836/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TEXTILE SHEETLIKE STRUCTURE IMPREGNATED WITH AN ANTIMICROBIAL ACTIVE INGREDIENT PREPARATION AND WITH A SUPPORT MATERIAL BASED ON POLYOLEFIN

(51) International classification

:A41B

(31) Priority Document No

:10 2010

049 113 .6

(32) Priority Date

:22/10/2010

(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)L'AIR LIQUIDE SOCIETE ANONYME POUR
L'ETUDE ET L'EXPLOITATION DES PROCEDES
GEORGES CLAUDE

Address of Applicant :75 QUAI D'ORSAY, F-75007 PARIS
FRANCE

(72)Name of Inventor :

1)DETTMANN ANDREAS
2)SPUIDA THOMAS
3)REINSTORFF HENNING
4)BEHRENDS SABINE
5)WOLFF MICHAEL

(57) Abstract :

The invention relates to a textile sheetlike material impregnated with an antimicrobial active ingredient preparation. The active ingredient preparation comprises bispyridiniumalkane, in particular octenidine dihydrochloride. The support material is a polyolefin, in particular polypropylene, which prevents the adsorption of the bispyridiniumalkane on the support material of the sheetlike structure. Moreover, the invention relates to a kit of support material and active ingredient preparation for producing such sheetlike structures.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2851/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A FUNCTIONAL ELEMENT FOR ATTACHMENT TO A PLASTIC COMPONENT A COMPONENT ASSEMBLY A DIE BUTTON AND METHOD

(51) International classification	:B23B
(31) Priority Document No	:102010047636.6
(32) Priority Date	:01/10/2010
(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)PROFIL Verbindungstechnik GmbH & Co. KG
Address of Applicant :Otto-Hahn-Strasse 22-24 61381
Friedrichsdorf GERMANY

(72)**Name of Inventor :**

1)Oliver DIEHL
2)Dr. Richard HUMPERT

(57) Abstract :

A functional element of metal having a flange of larger diameter forming an attachment surface and having a centering section arranged inside the attachment surface and extending away from the flange is characterized in that an adhesive which hardens under pressure is arranged around the centering section and adjacent to the attachment surface.

No. of Pages : 43 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2011

(21) Application No.2852/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : Fault-ride-through method converter and power generating unit for a wind turbine

(51) International classification	:B23B
(31) Priority Document No	:EP10194143
(32) Priority Date	:08/12/2010
(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 :

1)Siemens Aktiengesellschaft

Address of Applicant :WITTELSBACHERPLATZ 2 D-80333 MUNCHEN GERMANY

(72)Name of Inventor :

1)Nielsen; Joergen Nygaard

2)Thisted; Jan

(57) Abstract :

The disclosed fault-ride-through and/or post fault active power recovery control method comprises the following steps: - detecting a voltage dip on a power line (4) transmitting electric power; - reducing the active current and/or active power that is fed by a power generating unit (2) at a feeding point into a power network having a plurality of power lines to a specific value if a voltage dip is detected on the power line; and

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.2899/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : POWER FEEDING DEVICE, POWER FEEDING METHOD, AND POWER FEEDING SYSTEM

(51) International classification	:F21Q
(31) Priority Document No	:P2010-232813
(32) Priority Date	:15/10/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)SONY CORPORATION

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

(72)Name of Inventor :

1)YOICHI URAMOTO

2)MASAYUKI TANAKA

(57) Abstract :

Disclosed herein is a power feeding device including: power transmitting section which transmits electric power by way of a magnetic field; a set of first and second electrodes which are spaced from each other; a power supply which applies a voltage between the first and second electrodes; and a detector which detects whether foreign matter is present on the power transmitting section or not based on the voltage applied by the power supply.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.2891/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING INCREASED TURBINE OUTPUT FOR DOUBLY FED INDUCTION GENERATOR

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/915116	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:29/10/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)RITTER, ALLEN MICHAEL 2)MELIUS, JEFFREY ALAN
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system and method for supplying increased frequency supporting current from a doubly fed induction generator (DFIG) (120) to assist in maintaining grid stability is provided. The output capability of a line side converter (168) associated with the DFIG (120) is enhanced by significantly increasing the current handling capacity of electric switches forming the converter. A dynamic brake (200) is also provided across a DC link (136) coupling the line side converter (166) to a rotor side converter (168) coupled to the rotor of the DFIG (120). The dynamic brake (200) is controlled based on the voltage across the DC link (136).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/10/2011

(21) Application No.2905/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CLEAN REMOVABLE ADHESIVE SHEET

(51) International classification	:F21Q	(71) Name of Applicant :
(31) Priority Document No	:2010	1)ROHM AND HAAS COMPANY
(32) Priority Date	10539470.7	Address of Applicant :100 INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA 19106, UNITED STATES OF AMERICA
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:NA	1)ZHIQIANG MAO
Filing Date	:NA	2)ZHAOHUI QU
(87) International Publication No	:NA	3)YIN XUE
(61) Patent of Addition to Application Number	:NA	4)HUIXIAN YANG
Filing Date	:NA	5)MIAO YANG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides an adhesive sheet comprising polyvinyl chloride (PVC) film and back coating of water based PSA, wherein said PSA comprises a copolymer by copolymerization of a monomer mixture comprising, a) from 30wt% to less than 70wt% acrylic acid C4-C8-alkylester, and b) from 2wt% to 9wt% (meth)acrylonitrile, wherein the polyvinyl chloride film is not corona treated. The adhesive sheet is suitable for applications of indoor and outdoor graphic poster, especially for clean removable usages.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/10/2011

(21) Application No.2906/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ELECTRICAL CONDUCTION MECHANISM

(51) International classification	:F21Q	(71) Name of Applicant :
(31) Priority Document No	:2010-241467	1)STAR CO., LTD. Address of Applicant :119, SANBONGI, FUJIOKA-SHI, GUNMA-KEN, JAPAN
(32) Priority Date	:11/10/2010	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KOSEI ISHIHARA
(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 an electrical conduction mechanism which prevents dust or the like from adhering to the inside of an electrical-conduction portion main body, so that electrical conduction efficiency cannot be reduced. The electrical conduction mechanism comprises an electrical-conduction portion main body in the center of which a first through-hole to be inserted through by a shaft is formed and in which a second through-hole communicating with the first through-hole is formed in a direction perpendicular to a direction in which the first through-hole is formed; and an electrical-conduction element disposed in the second through-hole. The electrical-conduction element is configured to include an electrical-conduction chip abutting on the shaft, and a coil spring biasing the electrical-conduction chip toward the shaft, so that current is supplied to the shaft through the electrical-conduction chip to conduct electricity to the bit.

No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/10/2011

(21) Application No.2907/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A FIXING MEMBER WITH A RECESS AT THE END OF ITS THREADED SHANK, A MALE ELEMENT, A HANDLING TOOL A GAUGE COMPRISING SUCH A MALE ELEMENT

(51) International classification	:F21Q
(31) Priority Document No	:10 59674
(32) Priority Date	:24/11/2010
(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)LISI AEROSPACE

Address of Applicant :TOUR GAMMA A, 193 RUE DE
BERCY, 75012 PARIS, FRANCE

(72)Name of Inventor :

1)ARNAUD GAILLARD

(57) Abstract :

The invention relates to a fixing member (1) comprising a threaded end (6), one end face of which contains a recess (10) capable of housing a tip, complementary in shape, said recess (10) comprising a peripheral edge (12) in the form of a multilobed continuous curved line. The cross-section of each lobe L is defined by a continuous series of three arcs of a circle, i.e. a first convex arc of a circle (14) with a first radius (R1), on either side of which a second concave arc of a circle (16) with a second radius (R2) are positioned. Each lobe is connected to the adjacent lobe via a third convex arc of a circle (18, 18u) with a third radius (R3, R3u) larger than the first radius (R1). The invention also relates to a male element (34, 58) with a raised shape complementing that of the recess (10), in addition to a handling tool and a testing gauge (50) comprising such a male element. Abstract figure: Fig. 2

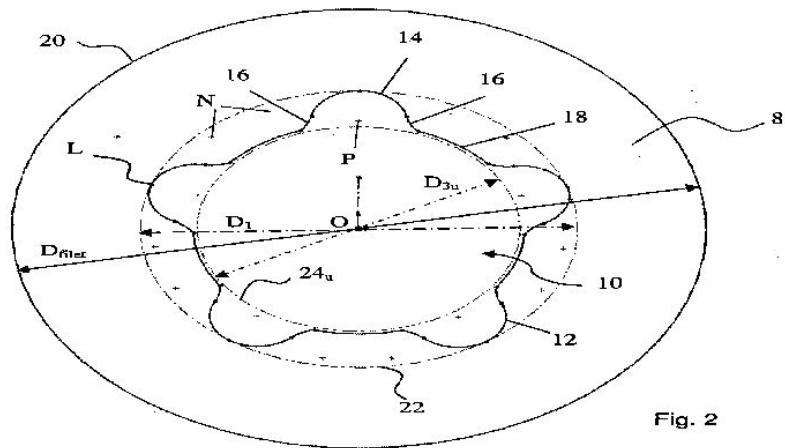


Fig. 2

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.2902/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : APPARATUS WITH MULTIPLE HEATING SYSTEMS FOR IN-LINE THERMAL TREATMENT OF SUBSTRATES

(51) International classification	:F21Q
(31) Priority Document No	:61/390,973
(32) Priority Date	:07/10/2010
(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)SANDVIK THERMAL PROCESS, INC.

Address of Applicant :19500 NUGGET BLVD. SONORA,
CALIFORNIA 95370 USA.

(72)Name of Inventor :

- 1)AUBREY L. HELMS, JR.**
- 2)KEVIN B. PECK**
- 3)JAMES T. JOHSON**
- 4)PONTUS K.H. NILSSON**
- 5)REESE REYNOLDS**

(57) Abstract :

The present invention relates to in-line equipment used to process substrates. In some applications, the equipment is used in the in-line manufacture PV cells or modules. In some embodiments, a heating system is provided that comprises a plurality of heating technologies for the heat treatment of substrates wherein a first heating system is used to rapidly raise the substrate temperature to the desired set point and a second heating system is used to maintain the substrate at the temperature set point throughout the thermal treatment process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/10/2011

(21) Application No.2904/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COOLING FAN

(51) International classification	:F21Q	(71) Name of Applicant :
(31) Priority Document No	:100114352	1)Sunonwealth Electric Machine Industry Co. Ltd.
(32) Priority Date	:25/04/2011	Address of Applicant :12F-1 No.120 Chung-Cheng 1st Rd.
(33) Name of priority country	:Taiwan	Lingya Dist. Kaohsiung Taiwan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Alex HORNG
(87) International Publication No	: NA	2)Wen-Kuan CHEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cooling fan comprising a base a lid a fan wheel and an auxiliary shaft assembly is disclosed. The lid is arranged above the base. The fan wheel has a shaft rotatably coupling with the base and a highest point spaced from the lid by a first gap. The auxiliary shaft assembly is arranged between a top of a hub of the fan wheel and a bottom face of the lid with a second gap formed between the auxiliary shaft assembly and the top of the hub or between the auxiliary shaft assembly and the bottom face of the lid wherein the second gap is smaller than the first gap.

No. of Pages : 31 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.2920/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SIGNAL TRANSMISSION APPARATUS, ELECTRONIC DEVICE, AND SIGNAL TRANSMISSION METHOD

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:P2010-233695	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO JAPAN
(32) Priority Date	:18/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KENJI KOMORI
(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 signal transmission apparatus including: a plurality of modulating sections configured to modulate a transmission object signal; and a plurality of demodulating sections configured to demodulate the modulated signals modulated by the modulating sections, wherein each of carrier frequencies as frequencies different from each other used by respective sets of the modulating sections and the demodulating sections is set such that frequency of a third-order intermodulation distortion component generated on a basis of two carrier frequencies adjacent to each other is not present within any of reception bands of modulated signals based on each of the other carrier frequencies.

No. of Pages : 229 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2010

(21) Application No.2939/DEL/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : IDENTIFICATION OF L. DONOVANI SPECIFIC 70 KDA, 37 KDA AND 12.6 KDA PROMASTIGOTE ANTIGENS FOR THE DIAGNOSIS OF INDIAN VISCERAL LEISHMANIASIS.

(51) International classification	:c12n	(71) Name of Applicant :
(31) Priority Document No	:NA	1)DR. SHYAM SUNDAR
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MEDICINE,
(33) Name of priority country	:NA	INSTITUTE OF MEDICAL SCIENCES, BANARAS HINDU
(86) International Application No	:NA	UNIVERSITY, VARANASI., PIN-221005. Uttar Pradesh India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)DR. SHYAM SUNDAR
(61) Patent of Addition to Application Number	:NA	2)SUBODH KUMAR
Filing Date	:NA	3)DINESH KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Diagnosis of Visceral Leishmaniasis (VL) is based on microscopic demonstration of amastigote in splenic/bone marrow smears, but these are painful and risky process. Serodiagnosis using recombinant k39 antigen has been a significant advance in management of VL, however, being positive in 20-32% healthy individuals is an important drawback. In this study we have identified three novel antigens of Leishmania donovani comprising of 70 kDa, 37 kDa and 12 kDa protein through western blotting. We analyzed the antibody response against crude soluble antigen (CSA) of L. donovani in VL patients (before and after treatment), in endemic healthy (EHC) and non endemic healthy controls (NEHC). Our results suggest that the antibody response against this antigen is predominantly found in serum of all VL patients even after the successful treatment but is not present in the endemic and non endemic healthy controls. To validate immunoblotting results, we partially purified this antigen by gel elution and performed indirect enzyme linked immunosorbent assay (ELISA) on VL patients, NEHC, EHC and different disease controls. The sensitivity and specificity of all three proteins in case of visceral leishmaniasis, endemic healthy, non endemic healthy and different disease group was described above respectively. We further characterized these proteins through 2D gel electrophoresis and MALDI-TOF followed by trypsin digestion. Results suggest that the BHU P-1 protein is a heat shock protein of 70 kDa and 653 amino acids, second is BHU P-2 protein of 37 kDa which is new one in case leishmania donovani and third one is of 12 kDa and 113 amino acids is also a new protein in case of leishmania donovani. Because of their high sensitivity and specificity, these antigens have great potential for further development as tool for diagnosis of VL.

Study Group	BHU P-1	BHU P-2		BHU P-3
Confirmed VL	Sensitivity (95%) N=108	Sensitivity (94.28%) N=70	Sensitivity (88%) N=101	
Endemic control	Specificity (96.34%) N=82	Specificity (98%) N=48	Specificity (97%) N=110	
non Endemic control	Specificity (100%) N=98	Specificity (100%) N=60	Specificity (100%) N=107	
Different disease	Specificity (97.4%) N=77	Specificity (97%) N=42	Specificity (99%) N=110	

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.2894/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BATTERY MODULE, AND ELECTRICITY STORAGE DEVICE

(51) International classification	:F21Q	(71) Name of Applicant :
(31) Priority Document No	:2010-230322	1)HITACHI VEHICLE ENERGY, LTD.
(32) Priority Date	:13/10/2010	Address of Applicant :1410, INADA, HITACHINAKA-SHI, IBARAKI 312-0061 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)SETO SADASHI
(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 electricity storage device according to the present invention includes a battery module having side plates and cover members assembled to both the sides of a case member of the battery module, so that gas discharge spaces are defined into which gas is emitted from the terminals of battery cells that are stored within the case member. Projecting portions are provided to the side plates respectively, and have through-holes communicating with the gas discharge spaces. The lowermost surfaces of the through-holes of the projecting portions are positioned lower than a axis of any of the battery cells. The projecting portions are cormected by a tubular rubber members.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/10/2011

(21) Application No.2910/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD OF PARALLEL BIT-WISE HOLOGRAPHIC DATA STORAGE USING A PARALLEL LIGHT SOURCE

(51) International classification	:F06C	(71) Name of Applicant :
(31) Priority Document No	:12/905853	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:15/10/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)WANG, XINGHUA 2)SHI, XIOLEI 3)XIA, HUA 4)OSTRUVERKCHOV, VICTOR PETROVICH
(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 techniques provide techniques for outputting counter-propagating parallel light waves (30, 34) to pre-record a holographic data disk (10). The parallel light waves (30, 34) are transmitted through a holographic system (16) via a fiber optic bundle (98) including a plurality of polarization-maintaining (PM) optical fibers (76, 78, 80, 96). Each of the PM optical fibers (76, 78, 80, 96) in the fiber optic bundle (98) may have one or more of a different wavelength (102, 104), a different coherence length, and a different polarization orientation to reduce crosstalk in the disk (10). Furthermore, the fiber optic bundle array (112, 114) is rotated to produce interference spots (88, 110) indicative of micro-holograms (68) according to the data track (12) pitch of the holographic disk (10) over which the fiber optic bundle (98) is outputting the light waves (30, 34).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/10/2011

(21) Application No.2911/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD OF ASSEMBLING A SUPERSONIC COMPRESSOR SYSTEM
INCLUDING A SUPERSONIC COMPRESSOR ROTOR AND A COMPRESSOR ASSEMBLY

(51) International classification	:F06C	(71) Name of Applicant :
(31) Priority Document No	:12/914342	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:28/10/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)HOFER, DOUGLAS CARL
Filing Date	:NA	2)MICHELASSI, VITTORIO
(87) 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 supersonic compressor system (10) includes a casing defining a cavity (34) extending between a fluid inlet (28) and a fluid outlet (30), a first drive shaft (72) positioned within the cavity, wherein a centerline axis (24) extends along a centerline of the first drive shaft, a supersonic compressor rotor (40) coupled to the first drive shaft and positioned in flow communication between the fluid inlet and the fluid outlet, the supersonic compressor rotor including at least one supersonic compression ramp (140) configured to form at least one compression wave (142) for compressing a fluid (88), and a centrifugal compressor assembly (46) positioned in flow communication between the supersonic compressor rotor and the fluid outlet, the centrifugal compressor assembly configured to compress fluid received from the supersonic compressor rotor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.2929/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : OPTICAL RECORDING MEDIUM, METHOD OF PRODUCING SAME, AND RECORDING DEVICE

(51) International classification	:G11C	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	234656	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:19/10/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)TETSUHIRO SAKAMOTO
Filing Date	:NA	2)HISAYUKI YAMATSU
(87) International Publication No	:NA	3)HIROTAKA MIYAMOTO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An optical recording medium includes a recording layer in which recording of a mark is selectively performed in a depth direction by irradiation of first light, and the mark is formed in multilayer form; and a reflection film reflecting second light of a wavelength different from a wavelength of the first light, and provided on a lower layer side of the recording layer.

No. of Pages : 84 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.2930/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : OIL TRANSFORMER INSULATION MODULE

(51) International classification	:C09D	(71)Name of Applicant :
(31) Priority Document No	:10187705.8	1)ABB TECHNOLOGY AG
(32) Priority Date	:15/10/2010	Address of Applicant :AFFOLTERNSTRASSE 44, 8050
(33) Name of priority country	:EUROPEAN UNION	ZURICH, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARTMUT BRENDL
(87) 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 oil transformer insulation module (10, 42, 44, 50, 62, 64, 66, 68) comprising at least a first (12) flat layer and a second (14) layer adjacent and predominantly parallel thereto, composed of a mechanically strong, planar first insulation material. The first (12) and second (14) layers of insulation material are connected (22, 24) to and spaced apart from a third, corrugated layer (16) arranged therebetween and composed of a mechanically strong, planar second insulation material, wherein the third layer (16) has lateral edges and is corrugated in such a way that all the cavities (18, 20) formed by the corrugated form can be completely flooded with a liquid (26, 70) via the lateral edges. The invention also relates to an arrangement of oil transformer insulation modules. Significant figure: Figure 1

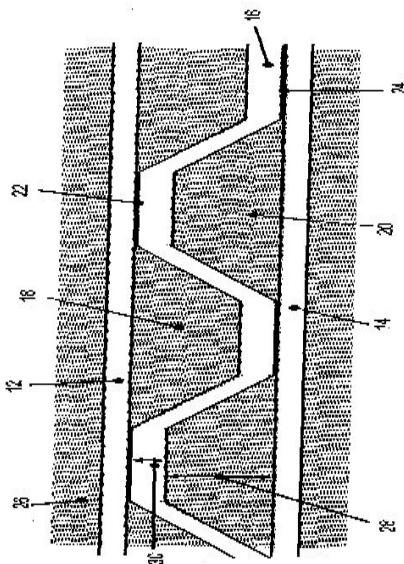


FIG. 1

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.2924/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DRAFT ROLLER, DRAFT DEVICE, AND SPINNING MACHINE

(51) International classification

:B23B

(31) Priority Document No

:2010-

258249

(32) Priority Date

:18/11/2010

(33) Name of priority country

:Japan

(86) International Application No
Filing Date

:NA
:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number
Filing Date

:NA
:NA

(62) Divisional to Application Number
Filing Date

:NA
:NA

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JAPAN

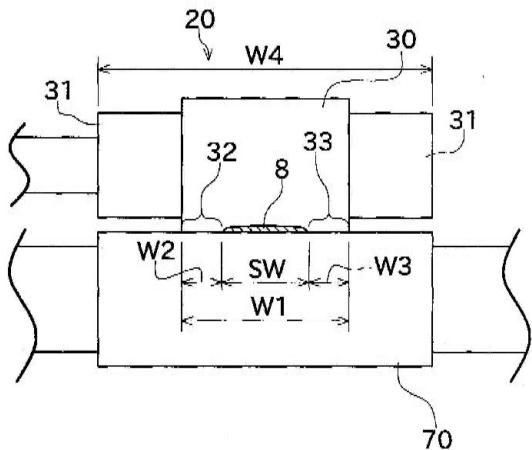
(72)Name of Inventor :

- 1)OTA NARITOSHI
- 2)FUJITA MANABU
- 3)MORI HIDESHIGE
- 4)IKKAI TOMOYUKI
- 5)SATOMI SHINICHI
- 6)IKENO MASAYUKI
- 7)MORITA AKIHIRO
- 8)HATA NAOKI

(57) Abstract :

A top front roller includes a fiber-contacting portion formed with a substantially uniform diameter and adapted to make a fiber bundle to contact with an outer peripheral surface thereof, and a reduced-diameter portion having a diameter shorter than the fiber-contacting portion at both ends of the fiber-contacting portion in an axial direction. A total width of the fiber-contacting portion and the reduced-diameter portion in the axial direction is 30 mm or longer and 34 mm or shorter, and a width of the fiber-contacting portion in the axial direction is less than 18 mm. Most Illustrative Drawing: FIG. 5

FIG. 5



No. of Pages : 36 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.2925/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ROLLER MILL FOR COMMUNUTING BRITTLE GRINDING STOCK

(51) International classification	:H04L
(31) Priority Document No	:10 2010 038 197.7
(32) Priority Date	:14/10/2010
(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)THYSSENKRUPP POLYSIUS AG

Address of Applicant :GRAF-GALEN-STR. 17, 59269
BECKUM, GERMANY

(72)Name of Inventor :

1)RUTHER THOMAS

2)PETERS ALEXANDER

3)KONNING LUDWIG

4)HORSTER NILS

5)GIESEMANN REINHARD

(57) Abstract :

According to a first exemplary embodiment the roller mill according to the invention for comminuting brittle grinding stock essentially consists of a) at least one grinding roller rotatable about an axis of rotation, which interacts with a counter-surface in such a manner that the grinding stock is comminuted between grinding roller and counter-surface, wherein at least one grinding roller is constructed as a loose roller, b) bearing blocks for bearing the grinding roller, wherein the bearing blocks are horizontally slidable and are guided in the machine frame rotatably about a vertical bearing axis intersecting the axis of rotation, c) a pressing device supported on the machine frame in order to apply an adjustable grinding pressure to the grinding roller via the bearing blocks, and d) wherein at least two resilient compensation elements are associated with each bearing block in order to compensate a skewed position and/or deflection of the grinding roller, wherein the compensation elements are arranged between the machine frame and the bearing blocks. The compensation elements are - in the plan view of the roll crushing mill -arranged tangentially to a circle around the vertical bearing axis or constructed in a circular arc around the vertical bearing axis.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2011

(21) Application No.2927/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYNCHRONIZED MIXING DEVICE AND METHOD

(51) International classification	:C09D	(71) Name of Applicant :
(31) Priority Document No	:61/392,572	1)SPX CORPORATION
(32) Priority Date	:13/10/2010	Address of Applicant :13515 BALLANTYNE CORPORATE PLACE, CHARLOTTE, NORTH CAROLINA 28277, USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)PRESTON, MICHAEL JOSEPH
Filing Date	:NA	2)DZIEKONSKI, THOMAS A.
(87) 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 for mixing a fluid in a tank includes a set of mixers and a controller. The set of mixers is disposed proximal to a perimeter of the tank. The set of mixers are operable to pivot. The controller is configured to control the set of mixers to pivot from a first orientation to a second orientation. The controller is configured to control each mixer of the set of mixers to stop pivoting in a first direction in response to each respective mixer achieving a predetermined intermediate orientation and the controller is configured to control the set of mixers to continue pivoting in the first direction in response to all mixers of the set of mixers achieving the predetermined intermediate orientation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.2941/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SAFETY SHOE WITH A PROTECTIVE CAP

(51) International classification	:G09D	(71) Name of Applicant :
(31) Priority Document No	:10 2010 049 298.1	1)MAYER GBR Address of Applicant :KARLSTRASSE 42A, 88045
(32) Priority Date	:22/10/2010	FRIEDRICHSHAFEN, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)HELMUT MAYER
(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 :

Safety shoe with a protective cap incorporated in the front part of the shoe to protect the toes and a wear-through-proof sole, characterised in that the safety shoe consists of a flexible plastics material, which forms at least the upper part and the outer sole as a one-piece material part, in which an insert part is embedded, which consists at least of a bendable, wear-through-proof structured sole, which is optionally connected to the protective cap and/or a rear cap insert. A work, walking or fashion shoe is also described, which is characterised by a two-part insert consisting of a bendable, wear-through-proof structured sole, which is connected to a rear cap insert.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.2942/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MOULD FOR PRODUCING HOLLOW-CYLINDER-LIKE MOULDED PARTS

(51) International classification	:G09D	(71)Name of Applicant :
(31) Priority Document No	:10187704.1	1)ABB TECHNOLOGY AG
(32) Priority Date	:15/10/2010	Address of Applicant :AFFOLTERNSTRASSE 44, 8050
(33) Name of priority country	:EUROPEAN UNION	ZURICH, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MATTHIAS STARKE
(87) 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 mould (10, 40) for producing hollow-cylinder-like moulded parts (50), having an external mould portion (18), by way of which an inner cavity (58) of a moulded part (50) to be manufactured around said portion (18) is determined. The external mould portion (18) has a first cylindrical mould (20), which extends in a rotationally symmetrical manner about a first axis (12), and a hemispherical mould (22) of the same diameter which directly axially adjoins one of the two ends of the cylindrical mould, wherein a second cylindrical mould (26, 42) is provided and adjoins the hemispherical mould (22) in radial alignment (44). The hemispherical mould (22) has a spherical cap (24), the second cylindrical mould (26, 42) is rotatable (32) together with the spherical cap (24) about a second axis (14) which is arranged at an angle (48) with respect to the first axis (12), and the second cylindrical mould (26, 42) is arranged eccentrically (46) with respect to the second rotational axis (14). The invention also relates to a process for producing moulded parts. Significant figure: Figure 1

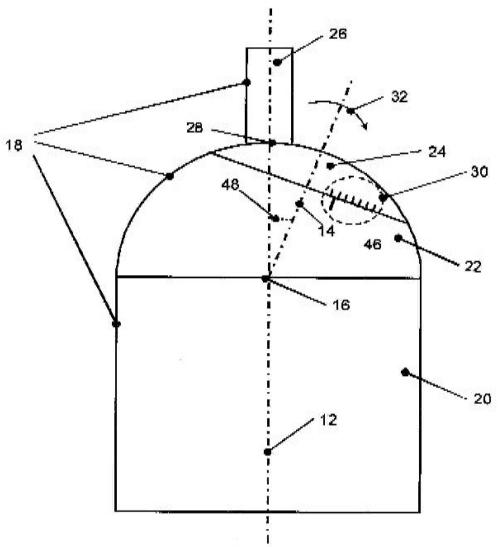


Fig. 1

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.2943/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : EVAPORATOR

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-248758	1)DENSO CORPORATION Address of Applicant :1-1 SHOWA-CHO KARIYA-CITY
(32) Priority Date	:05/11/2010	AICHI-PREF. 448-8661, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)NORIMASA BABA 2)MITSUYOSHI SAITO
(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 evaporator includes a core part (2) defined by layering tubes (20) in a tube layering direction (X), and a lower tank (4) arranged to have lower ends of the tubes. A flow rate adjustment component (410, 411, 412) is arranged in the lower tank so as to divide an inside space of the lower tank into spaces in the tube layering direction. The divided spaces communicate with each other in the tube layering direction through an oil communication passage (412b) defined adjacent to a bottom wall (41a) of the lower tank.

No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.2944/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : OIL TRANSFORMER INSULATION MODULE

(51) International classification	:G09D
(31) Priority Document No	:10187707.4
(32) Priority Date	:15/10/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB TECHNOLOGY AG

Address of Applicant :AFFOLTERNSTRASSE 44, 8050
ZURICH, SWITZERLAND

(72)Name of Inventor :

1)HARTMUT BRENDL

2)MATTHIAS STARKE

(57) Abstract :

The invention relates to an oil transformer insulation module (40, 60) comprising a multiplicity of disc-like insulation elements (10, 44, 66) of identical type which are arranged flush one above another along a line (42), connected to one another and have an in each case at least similar outline contour (72). An insulation element (10, 44, 66) has at least a first (12) flat layer and a second (14) layer adjacent and predominantly parallel thereto, composed of a mechanically strong, planar first insulation material, wherein the first (12) and second (14) layers of insulation material are connected to and spaced apart from a third, corrugated layer (16) arranged therebetween and composed of a mechanically strong, planar second insulation material. The third layer (16) has lateral edges and is corrugated in such a way that all the cavities (18, 20) formed by the corrugated form can be completely flooded with a liquid (26) via the lateral edges. Significant figure: Figure 2

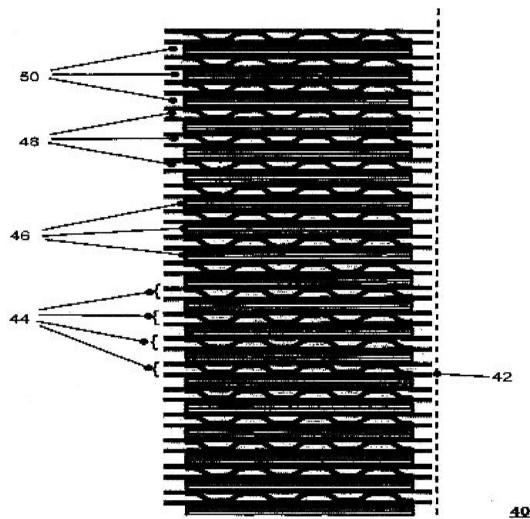


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2946/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 11/01/2013

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

(51) International classification :C07D
(31) Priority Document No :12/916,191
(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

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 USA.

(72) Name of Inventor :

1)FREUND SEBASTIAN WALTER

(57) Abstract :

A power generation system is provided. The system includes a carbon-dioxide waste heat recovery Rankine cycle, integrated with an absorption chiller cycle. The Rankine cycle includes a condenser and a desorber. The condenser of the Rankine cycle is combined with the evaporator of the absorption chiller cycle. The Rankine cycle and the absorption chiller cycle can be integrated at the desorber. (Fig: 2)

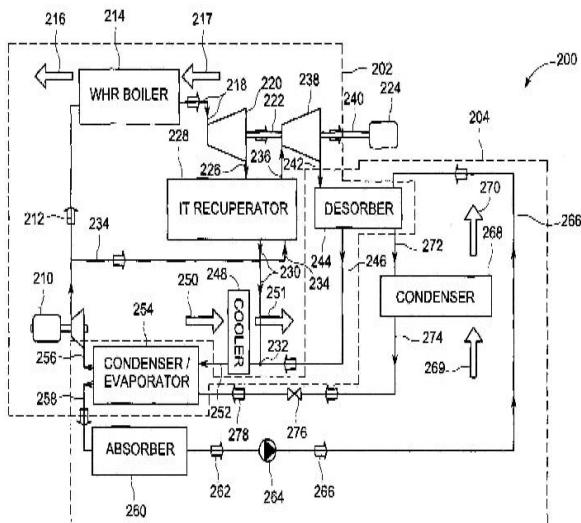


FIG. 2

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.2951/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SPHERICAL CAP FOR HIGH-VOLTAGE OUTGOING LINES IN OIL TRANSFORMERS'

(51) International classification	:C07C
(31) Priority Document No	:10187700.9
(32) Priority Date	:15/10/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB TECHNOLOGY AG

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(72)Name of Inventor :

1)HARTMUT BRENDL

2)MATTHIAS STARKE

3)RALF BUCHNER

4)JELENA BRAATZ

5)KLAUS HERKERT

(57) Abstract :

The invention relates to a spherical cap (10) for a high-voltage outgoing line, comprising an electrically conductive element ((12+14), (62+64+66)), which is arranged hollow-cylindrically about an axis (20, 70) and which merges into a hemispherical form (14, 64) at its first axial end (16). Provision is made of a connection device ((22+24), (74+76), 100a,b) having a passage opening (116) and serving for electrically and mechanically connecting the element ((12+14), (62+64+66)) to an electrical screening pipe (26, 72), comprising at least two insulation barriers ((30+34+38), (32+36+40)) which are spaced apart from one another, respectively adapted to the form of the hollow-cylindrical element ((12+14), (62+64+66)) and enclose the latter at a respective first and second distance. The insulation barriers ((30+34+38), (32+36+40)) respectively have a pipe attachment connector (30, 32) for leading through a screening pipe (26, 72) to the connection device ((22+24), (74+76), 100a,b)). The connection device has a first part (22, 74, 104) for connection to a screening pipe (26, 72) and a second part (24, 76, 102) connected to the conductive element ((12+14), (62+64+66)) and a connection (106, 108, 110) adjustable in a force-locking manner is provided between first (22, 74, 104) and second (24, 76, 102) parts. Significant figure: Figure 5

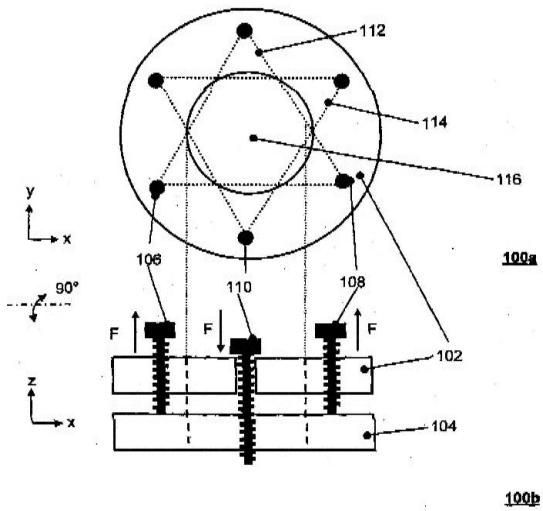


Fig. 5

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.2952/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SPHERICAL CAP FOR HIGH-VOLTAGE OUTGOING LINES IN OIL TRANSFORMERS

(51) International classification	:H01K
(31) Priority Document No	:10187704.1
(32) Priority Date	:15/10/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB TECHNOLOGY AG

Address of Applicant :AFFOLTERNSTRASSE 44, 8050
ZURICH, SWITZERLAND

(72)Name of Inventor :

1)HARTMUT BRENDL
2)MATTHIAS STARKE
3)RALF BUCHNER
4)JELENA BRAATZ
5)KLAUS HERKERT

(57) Abstract :

The invention relates to a spherical cap (10) for a high-voltage outgoing line, comprising an electrically conductive element ((12+14), (62+64+66)), which is arranged hollow-cylindrically about a rotational axis (20, 70) and which merges into a hemispherical form (14, 64) at its first axial end (16). Provision is made of a connection device ((22+24), (74+76), 100a,b) having a passage opening (116) and serving for electrically and mechanically connecting the element ((12+14), (62+64+66)) to an electrical screening pipe (26, 72), comprising at least two insulation barriers ((30+34+38), (32+36+40)) which are spaced apart from one another, respectively adapted to the form of the hollow-cylindrical element ((12+14), (62+64+66)) and enclose the latter at a respective first and second distance. The insulation barriers ((30+34+38), (32+36+40)) respectively have a pipe attachment connector (30, 32) for leading through a screening pipe (26, 72) to the connection device ((22+24), (74+76), 100a,b). The first insulation barrier (30+34+38) is spaced apart from the second insulation barrier (32+36+40) by at least one insulation ring (42, 44, 46, 50) which is arranged about the rotational axis (20, 70) and which has a radially fashioned (54, 56), preferably flattened, corrugated form. Significant figure: Figure 1

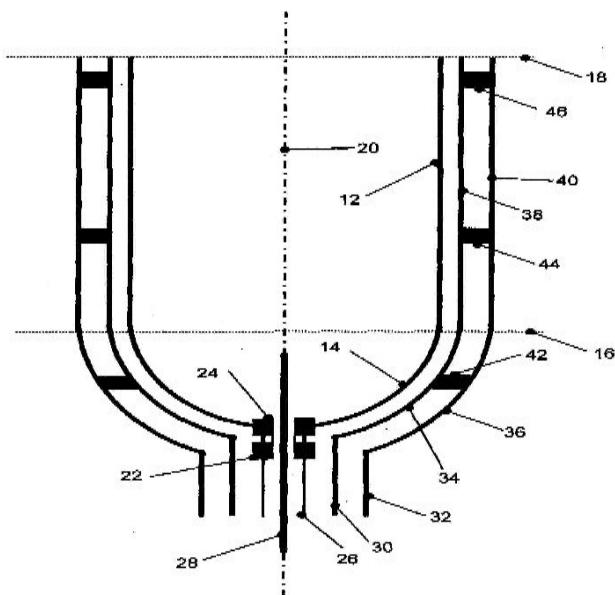


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.2953/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MULTIPLE COMPONENT DISPENSING CARTRIDGE AND METHOD WITH SIDE-BY-SIDE FLUID CHAMBERS

(51) International classification	:H01K	(71) Name of Applicant :
(31) Priority Document No	:12/915,833	1)NORDSON CORPORATION
(32) Priority Date	:29/10/2010	Address of Applicant :28601 CLEMENS ROAD,
(33) Name of priority country	:U.S.A.	WESTLAKE, OHIO 44145, UNITED STATES OF AMERICA
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)ROBERT W. SPRINGHORN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)PETER NGU
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fluid cartridge for storing and dispensing first and second fluids includes a first tubular cartridge wall and a second tubular cartridge wall in side-by-side relation. First and second pistons are coupled for movement by a coupling portion and are respectively disposed within the first and second tubular cartridge walls to define first and second side-by-side fluid chambers. A fixed wall is disposed between the first and second fluid chambers. A force is applied to the first piston along the first central longitudinal axis of the first tubular cartridge wall and moves both the first and second pistons along and within the first and second fluid chambers as the coupling portion between the first and second pistons travels within an opening in the fixed wall. The opening may be a preformed slot or may be formed by a cutting element attached with the pistons as the pistons move during the dispensing operation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.29/DEL/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DUPLICATION CONTROL APPARATUS

(51) International classification	:C12L	(71) Name of Applicant :
(31) Priority Document No	:P2011-027511	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:10/02/2011	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KAI KOICHI
(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 :

It provides an inexpensive duplication control apparatus which can avoid that the configuration becomes complicated. A duplication control apparatus provided with a first controller 10, a second controller 11, I/O modules 12, 13 which are respectively connectable to external devices 14, 15, and an input and output bus 1 provided with a first slot 1-1 in which the first controller 10 is mounted, a second slot 1-2 in which the second controller 11 is mounted, and a plurality of slots 1-3 1-N in which the I/O modules 12, 13 are respectively mounted ; wherein the first controller 10 and the second controller 11 are respectively provided with control units 102, 112, interface units 101, 111 which output data to the input and output bus 1 and to which data is inputted from the input and output bus 1, and memories 100, 110 to which the control units 102, 112 and the interface units 101, 111 can access, and the input and output bus 1 is any of a parallel bus, a serial bus and a LAN cable.

No. of Pages : 44 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.2937/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PLANT AND METHOD FOR THE CONTINUOUS PRODUCTION OF PREFORMS

(51) International classification	:A01H	(71)Name of Applicant :
(31) Priority Document No	:10 2010	1)KRONES AG
(32) Priority Date	042 958.9	Address of Applicant :BOHMERWALDSTRASSE 5, 93073
(33) Name of priority country	:26/10/2010	NEUTRAUBLING, GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)FORSTHOVEL, JOCHEN
(87) 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 plant (A) for the continuous production of preforms (P) for plastic containers using at least polyester recyclate for the filling of foodstuffs, wherein the plant (A) comprises at least one melt-producing upstream plant section (1) and at least one preform (P) producing injection molding plant section (2) and a plant control system, at least the melt-producing upstream plant section (1) and the injection molding plant section (2) are interlocked at an interface (4) to form a plant block (B), and, for the derivation of process alteration strategies and/or preform qualifying strategies, an inline measurement station (9) including an evaluating device (21) is provided at the interface (4) for at least one quality parameter of the melt measured in the process flow. (Fig. 1)

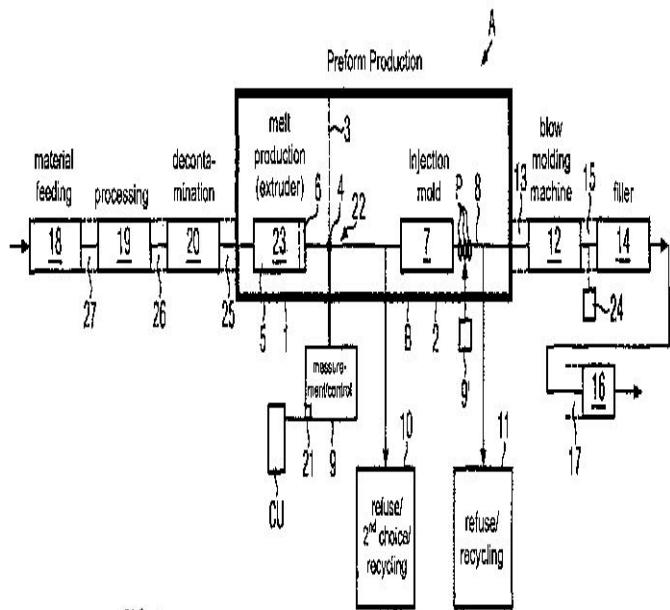


FIG.1

No. of Pages : 17 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.2948/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MULTIFUNCTIONAL OPTICAL SHEET HAVING LIGHT SHIELDING PROPERTY

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:10-2011-0010139	1)S-POLYTECH CO., LTD Address of Applicant :425-28 SINCHEOK-RI, DEOKSAN-MYEON, JINCHEON-GUN, CHUNGCHEONGBUK-DO 365-842, REPUBLIC OF KOREA.
(32) Priority Date	:01/02/2011	
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:NA	1)CHOI, SEONG GYU
Filing Date	:NA	2)NAM KI SUNG
(87) 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 multifunctional optical sheet having a light shielding property is provided, which includes polycarbonate, a metal mixture, and a pigment. Since the metal mixture is composed of chrome, iron, and nickel, the visible light transmittance is improved, and the infrared rays are intercepted.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.2949/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TWO-COMPONENT BEARING PLATE FOR AN ELECTRIC MACHINE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:H01J
(31) Priority Document No	:102010043430.2
(32) Priority Date	:04/11/2010
(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, STUTTGART
70442 GERMANY

(72)**Name of Inventor :**

1)ESSE, PAUL

2)KERN, DENIS

3)HERZBERGER, ANDREAS

(57) Abstract :

The present subject matter describes a bearing plate (100) for an electric machine. The bearing plate (100) has two components (1, 9), where a first component (1) is formed with an electrically conductive thermoplastic material and a second component (9) is formed with a thermosetting plastic material. The two components (1,9) are formed with a two component injection molding process.

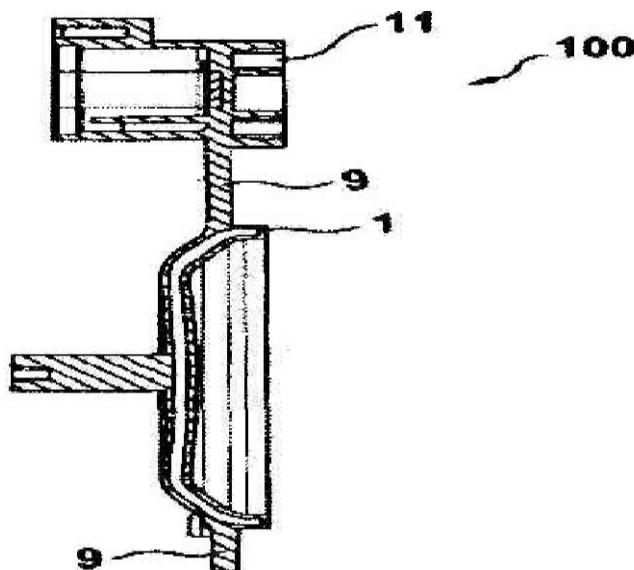


Fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2980/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AIR DUCT ATTENUATOR

(51) International classification	:H01K	(71) Name of Applicant :
(31) Priority Document No	:1017629.5	1)JAGUAR CARS LIMITED
(32) Priority Date	:19/10/2010	Address of Applicant :ABBEY ROAD, WHITLEY, COVENTRY, CV3 4LF, UNITED KINGDOM
(33) Name of priority country	:U.K.	(72) Name of Inventor :
(86) International Application No	:NA	1)CHEUNG, RAYMOND
Filing Date	:NA	
(87) 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 attenuator for the air inlet tract of an internal combustion engine comprises an unobstructed tube (4) having a surrounding enclosure (9) divided into a primary chamber (11) in fluid communication with the inlet tube, and a secondary chamber (12) in fluid communication with the primary chamber. Two secondary chambers (12, 13) may be provided. The arrangement can be tuned to attenuate a wide range of frequencies.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2996/DEL/2011 A

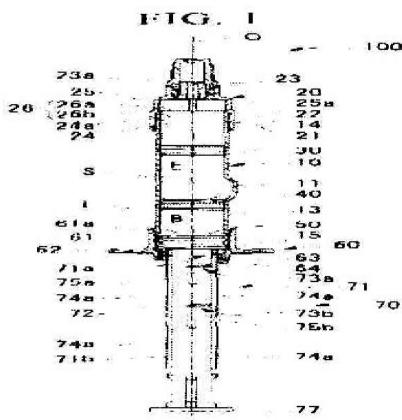
(43) Publication Date : 11/01/2013

(54) Title of the invention : DUAL CHAMBER COMBINED CONTAINER-SYRINGE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:2010-234873	1)ARTE CORPORATION Address of Applicant :2-8-12, IWAMOTO-CHO,CHIYODA-KU, TOKYO, JAPAN
(32) Priority Date	:19/10/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)KAKIUCHI, MAKOTO 2)SHIMAZAKI, SEIJI 3)MATSUDA, TERUO
(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 dual chamber combined container-syringe which includes: an outer casing which forms a cylinder shape around an axis, and has a bypass portion formed by an outward bulging of a part of an inner peripheral surface; a hub lure lock provided in a tip of the outer casing; a finger grip provided in a rear end of the outer casing; a front stopper that is fitted to a tip side of the bypass portion in the outer casing; a middle stopper that is fitted to a rear end side of the bypass portion in the outer casing and seals a pharmaceutical preparation together with the front stopper; an end stopper that is fitted to a rear end side of the middle stopper in the outer casing and seals a liquid medicine together with the middle stopper; and a plunger rod that is inserted into the finger grip and is connected to the end stopper from the rear end side, wherein an inner peripheral surface of the finger grip is formed with a female screw portion that is twisted around the axis, and an outer peripheral surface of the plunger rod is formed with a first male screw portion that is capable of being screwed into the female screw portion, when a part of the middle stopper, which is moved forward, enters the bypass portion by pushing the plunger rod, a tip of the first male screw portion can come into contact with and can be screwed into a rear end of the female screw portion, and before the entire middle stopper, which is moved forward, enters the bypass portion by rotating the plunger rod according to the second male screw portion and the female screw portion being screwed, the first male screw portion and the female screw portion are unscrewed.



No. of Pages : 49 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2997/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BINARY COMPOSITIONS OF 2,3,3,3, TETRAFLUOROPROPENE AND OF AMMONIA

(51) International classification

:C07D

(31) Priority Document No

:11.51077

(32) Priority Date

:10/02/2011

(33) Name of priority country

:France

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ARKEMA FRANCE

Address of Applicant :420, RUE D'ESTIENNE D'ORVES, F-92700 COLOMBES, FRANCE

(72)Name of Inventor :

1)RACHED, WISSAM

2)BOUTIER, JEAN-CHRISTOPHE

(57) Abstract :

The invention relates to a binary composition of 2,3,3,3-tetrafluoropropene and of ammonia, and also to the use thereof, in particular as a heat transfer fluid. Figure 1.

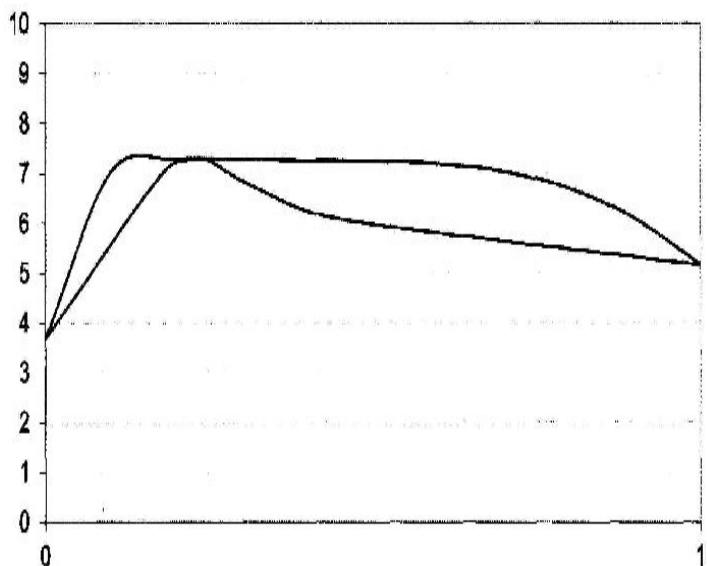


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2998/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR PURIFYING THERMOPLASTIC POLYMERS

(51) International classification	:A61B	(71) Name of Applicant :
(31) Priority Document No	:10 2010 042 959.7	1)KRONES AG Address of Applicant :BOHMERWALDSTRASSE 5, 93073
(32) Priority Date	:26/10/2010	NEUTRAUBLING, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)FRIEDLAENDER, THOMAS
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of purifying a thermoplastic polymer, comprising at least one dispersed filler, the method comprising step (a) of preparing a polymer melt of the thermoplastic polymer, and step (b) of filtering the polymer melt, characterized in that the dispersed filler is at least partially transformed to a coagulated and filterable form before step (b). The invention moreover relates to a device for purifying the thermoplastic polymer, the device comprising means for preparing a polymer melt from the thermoplastic polymer and filter means, characterized in that the device furthermore comprises means for generating sound waves, preferably ultrasonic waves.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2999/DEL/2011 A

(43) Publication Date : 11/01/2013

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

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:12/911,995	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:26/10/2010	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)ARIK MEHMET
Filing Date	:NA	2)GERSTLER WILLIAM DWIGHT
(87) International Publication No	:NA	3)LI RI
(61) Patent of Addition to Application Number	:NA	4)SALAPAKKAM PRADEEP CHANDRA BABU
Filing Date	:NA	5)WHALEN BRYAN PATRICK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A thermal management system is provided. The thermal management system includes at least one heat sink including one or more respective fins, wherein the one or more fins include one or more respective cavities. The thermal management system also includes a synthetic jet stack including at least one synthetic jet mounted within each of the respective cavities employing at least one engaging structure to provide a rigid positioning of the synthetic jet stack within the fins, wherein the synthetic jet includes at least one orifice through which a fluid is ejected.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2010

(21) Application No.2940/DEL/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DIAGNOSIS OF INDIAN VISCERAL LEISHMANIASIS BY NUCLEIC ACID DETECTION USING PCR

(51) International classification	:c12n	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SHYAM SUNDAR
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MEDICINE,
(33) Name of priority country	:NA	INSTITUTE OF MEDICAL SCIENCES, BANARAS HINDU
(86) International Application No	:NA	UNIVERSITY, VARANASI, PIN-221005. Uttar Pradesh India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)SHYAM SUNDAR
(61) Patent of Addition to Application Number	:NA	2)PANKAJ SRIVASTAVA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Background: PCR based diagnosis for visceral leishmaniasis is far from being applied in field, despite numerous published primers. Although the technique is simple, selection of appropriate primer is crucial for the success of the investigative technique. The present study was planned to design a Leishmania specific diagnostic assay and evaluate its sensitivity and specificity on a sample size, which according to us is the largest ever screened. Methods: Two pairs of Leishmania specific primers were designed using the 18S rRNA gene and sensitivity was evaluated on 500 parasitologically confirmed VL patients and 25 PKDL patients. Specificity was calculated on 250 healthy non endemic controls, 250 healthy endemic controls and 250 non leishmanial diseases like malaria. To check whether amplified products correspond well to Leishmania, amplicons were sequenced. Results: Of the 500 KA samples and 25 PKDL samples 439 (87.8%) and 19(76%) were respectively PCR positive with BHUL18S primer. While using BHUSSU primer PCR positivity in same no. of KA and PKDL samples are 436(87.2%) and 19(76%) respectively. The test provided successful diagnosis of VL of 87.2% sensitivity using patients whole-blood with BHUL18S primer and 86.7% sensitivity with BHUSSU primer. None of 250 non endemic controls was positive and thus, specificity in this group was 100% using both primers. The data from different diseases group also showed 100% specificity of both primers as none of the 250 nonleishmanial disease samples were PCR positive. In endemic controls, using BHUL18S primer specificity was 84.0% and 90.4% specificity using BHUSSU primer set. Overall specificity of BHUL18S primer was 94.6% while BHUSSU primer was 96.8%. Conclusion: With Indian strains and isolates of L. donovani, the PCR assay developed by us is sensitive enough to detect 18S rRNA gene in an amount equivalent to a single parasite or less in a one million human cell environment. High sensitivity of PCR in relatively non-invasive peripheral blood opens up the possibility of its deployment in field for the routine diagnosis of VL, and it is possible to eliminate the risky method of splenic aspiration. References: 1. Sundar S, Rai M. Laboratory diagnosis of visceral leishmaniasis. Clin Diagn Lab Immunol 2002;9:951-8 2. Zijlstra EE, Nur Y, Desjeux P, Khalil EA, El-Hassan AM and Groen J. Diagnosing visceral leishmaniasis with the recombinant K39 strip test: experience from the Sudan. Trop Med Int Health 2001;6:108-13 3. Minodier P, Piarroux R, Gambarelli F, Joblet C and Dumon H. Rapid identification of causative species in patients with Old World leishmaniasis. J Clin Microbiol 1997;35:2551-5 4. Schonian G, Nasereddin A, Dinse N, et al. PCR diagnosis and characterization of Leishmania in local and imported clinical samples. Diagn Microbiol Infect Dis 2003;47:349-58 5. Noyes HA, Reyburn H, Bailey JW and Smith D. A nested-PCR-based schizodeme method for identifying Leishmania kinetoplast minicircle classes directly from clinical samples and its application to the study of the epidemiology of Leishmania tropica in Pakistan. J Clin Microbiol 1998;36:2877-81 6. Salotra P, Sreenivas G, Pogue GP, et al. Development of a species-specific PCR assay for detection of Leishmania donovani in clinical samples from patients with kala-azar and post-kala-azar dermal leishmaniasis. J Clin Microbiol 2001;39:849-54 7. Adhya S, Chatterjee M, Hassan MQ, Mukherjee S and Sen S. Detection of Leishmania in the blood of early kala-azar patients with the aid of the polymerase chain reaction. Trans R Soc Trop Med Hyg 1995;89:622-4 8. Smyth AJ, Ghosh A, Hassan MQ, et al. Rapid and sensitive detection of Leishmania kinetoplast DNA from spleen and blood samples of kala-azar patients. Parasitology 1992; 105 (Pt 2): 183-92 9. Maurya R, Singh RK, Kumar B, Salotra P, Rai M and Sundar S. Evaluation of PCR for diagnosis of Indian kala-azar and assessment of cure. J Clin Microbiol 2005;43:3038-41 10. Ramos A, Maslov DA, Fernandes O, Campbell DA and Simpson L. Detection and identification of human pathogenic Leishmania and Trypanosoma species by hybridization of PCR-amplified mini-exon repeats. Exp Parasitol 1996;82:242-50 11. Chiurillo MA, Sachdeva M, Dole VS, et al. Detection of Leishmania causing visceral leishmaniasis in the Old and New Worlds by a polymerase chain reaction assay based on telomeric sequences. Am J Trop Med Hyg 2001 ;65:573-82 12. van Eys GJ, Schoone GJ, Kroon NC and Ebeling SB. Sequence analysis of small subunit ribosomal RNA genes and its use for detection and identification of Leishmania parasites. Mol Biochem Parasitol 1992;51:133-42 13. Dujardin JC, Victoir K, De Doncker S, Guerbouj S, Arevalo J and Le Ray D. Molecular epidemiology and diagnosis of Leishmania what have we learnt from genome structure, dynamics and function Trans R Soc Trop Med Hyg 2002;96 Suppl 1 :S81-6 14. Reithinger R, Dujardin JC. Molecular diagnosis of leishmaniasis: current status and future applications. J Clin Microbiol 2007;45:21-5 15. Deborggraeve S, Laurent T, Espinosa D, et al. A simplified and standardized polymerase chain reaction format for the diagnosis of leishmaniasis. J Infect Dis 2008;198:1565-72 16. Saad AA, Ahmed NG, Osman OS, et al. Diagnostic accuracy of the Leishmania OligoC-TesT and NASBA-Oligochromatography for diagnosis of leishmaniasis in Sudan. PLoS Negl Trop Dis;4:e776 17. Mugasa CM, Laurent T, Schoone GJ, et al. Simplified molecular detection of Leishmania parasites in various clinical samples from patients with leishmaniasis. Parasit Vectors;3:13 18. Basiye FL, Mbuchi M, Magiri C, et al. Sensitivity and specificity of the Leishmania OligoC-TesT and NASBA-oligochromatography for diagnosis of visceral leishmaniasis in Kenya. Trop Med Int Health; 15:806-10 19. Topno RK, Das VN, Ranjan A, et al. Asymptomatic infection with visceral leishmaniasis in a disease-endemic area in Bihar, India. Am J Trop Med Hyg;83:502-6 20. le Fichoux Y, Quaranta JF, Aufeuvre JP, et al. Occurrence of Leishmania infantum parasitemia in asymptomatic blood donors living in an area of endemicity in southern France. J Clin Microbiol 1999;37:1953-7

No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.2940/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HOLDER FOR HIGH-VOLTAGE END LEADS IN OIL TRANSFORMERS

(51) International classification	:C07D
(31) Priority Document No	:10187708.2
(32) Priority Date	:15/10/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :AFFOLTERNSTRASSE 44, 8050
ZURICH, SWITZERLAND

(72)Name of Inventor :

1)HARTMUT BRENDL

(57) Abstract :

The invention relates to a holder (10) for high-voltage end leads in oil transformers, comprising a plate-like, elongated basic insulation module (12, 66) which has two planar outer sides and which has a connecting device (40) at its first end (14) and an accommodating device (18) for a transversely running screen tube (20) in the region of its second end (16). The basic insulation module (12, 66) is angled (22) between the first end (14) and the second end (16), such that a shorter side edge (24) and an opposite longer side edge (26) is formed. A plurality of adjacent slots (32+34, 36+38, 50+52) are provided transversely to the elongated extent (28, 30) of the basic insulation module (12, 66), said slots (32+34, 36+38, 50+52) encircling the latter at its planar outer sides and at the shorter side edge (24) in a respective plane. At least one U-shaped insulation plate (40, 42, 62) is fitted into one of the slots (32+34, 36+38, 50+52) in a positive-locking manner. Significant figure: Fig. 1

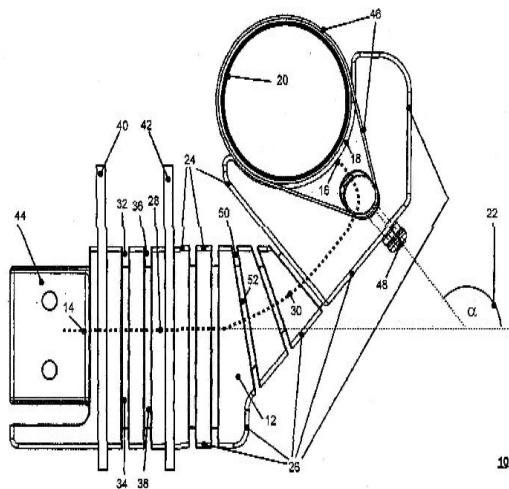


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2974/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH DIIODOMETHYL-P-TOLYSULFONE

(51) International classification	:C07D
(31) Priority Document No	:61/411,523
(32) Priority Date	:09/11/2010
(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)DOW GLOBAL TECHNOLOGIES LLC.

Address of Applicant :2040 DOW CENTER, MIDLAND,
MICHIGAN 48674, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)EMERENTIANA SIANAWATI

(57) Abstract :

A synergistic antimicrobial composition containing flumetsulam or diclosulam; and diiodomethyl-p-tolylsulfone.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2975/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH ZINC PYRITHIONE

(51) International classification	:C07D
(31) Priority Document No	:61/411,520
(32) Priority Date	:09/11/2010
(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)DOW GLOBAL TECHNOLOGIES LLC.

Address of Applicant :2040 DOW CENTER, MIDLAND,
MICHIGAN 48674, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)EMERENTIANA SIANAWATI

(57) Abstract :

A synergistic antimicrobial composition containing flumetsulam or diclosulam; and zinc pyrithione.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2987/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LIQUID COOLED MAGNETIC COMPONENT WITH INDIRECT COOLING FOR HIGH FREQUENCY AND HIGH POWER APPLICATIONS

(51) International classification	:H01R
(31) Priority Document No	:201010516326.1
(32) Priority Date	:19/10/2010
(33) Name of priority country	:China
(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, USA.

(72)**Name of Inventor :**

- 1)PRABHAKARAN, SATISH**
- 2)WEEBER, KONRAD ROMAN**
- 3)ZHANG, RICHARD**
- 4)STEPHENS, CHARLES MICHAEL**
- 5)DAME, MARK EDWARD**
- 6)CAO, YANG**

(57) Abstract :

A magnetic component (60) such as a transformer or inductor includes one or more litz-wire windings (68), (70) and one or more metallic cooling tube windings (64), (66). Each litz-wire winding (68), (70) is wound together with a corresponding single metallic cooling tube winding (64), (66) on a common bobbin to provide an indirectly-cooled magnetic component (60).

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2988/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STOP OF SLIDE FOR TRANSMISSION STRUCTURE

(51) International classification :H01R
(31) Priority Document No :099135738
(32) Priority Date :20/10/2010
(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

(71)Name of Applicant :

1)SHIH-CHOU WEN

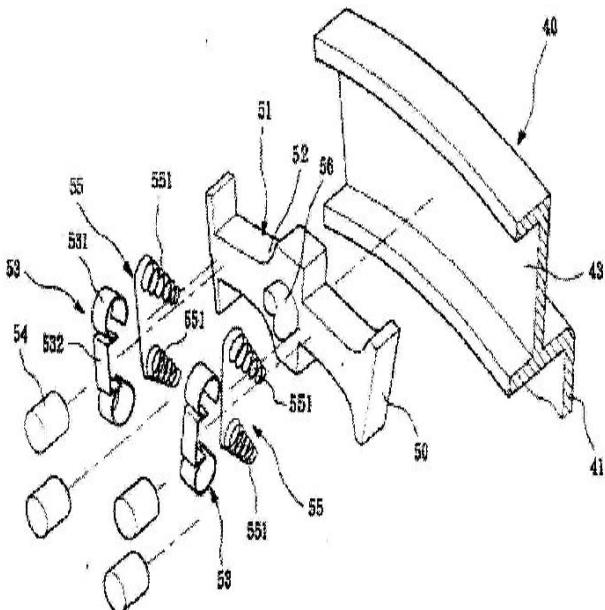
Address of Applicant :2F., NO. 1, LANE 25, SEE. 2,
YONGAN N. RD., SANCHONG DIST., NEW TAIPEI CITY
241, TAIWAN

(72) Name of Inventor :

1)SHIH-CHOU WEN

(57) Abstract :

Disclosed is a stop of slide for transmission structure, which includes an input shaft and a centrifugal saddle movable with respect to the input shaft. The centrifugal saddle includes a driving disc that forms slots. Slides are received in a slide channel of an output shaft and a channel of a casing. Each slide has a side movably received in the slots. The slide forms at least one notch that has a slope section forming a rounded corner and receiving a roll positioned thereon. The roll is biased by an elastic biasing element to move toward the rounded corner. The notch is provided with a stop member, which helps stopping the roll and resisting a force induced by the roll so as to protect the elastic biasing element from being excessively compressed and thus damaged by the roll.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.30/DEL/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DESALINATION SYSTEM

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2011-048483	1)HITACHI LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN
(32) Priority Date	:07/03/2011	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YOKOI HIROTO 2)KAGEYAMA KOJI 3)SANGU YUTAKA 4)TADOKORO HIDEYUKI 5)TACHI TAKAHIRO
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides a system for manufacturing fresh water with a smaller energy consumption, in a system which obtains the fresh water by suing an osmosis membrane, from raw water including salt such as sea water or the like. The invention provides a desalination system provided with a forward osmosis membrane processing means which removes a salt content from raw water via a forward osmosis membrane so as to obtain permeated water in a solution having a higher osmotic pressure than an osmotic pressure of the raw water, a separating means which separates a solute component of a high osmotic pressure solution from the high osmotic pressure solution which includes the permeated water obtained by the forward osmosis membrane processing means and in which the solute component is constructed by any one of Na₂HPO₄ and an ethylene carbonate, a reverse osmosis membrane processing means which carries out a demineralizing process by a reverse osmosis membrane by using the solution after separating the solute component by the separating means as the raw water, and obtains fresh water, a pump which feeds the raw water to the reverse osmosis membrane processing means, and a piping which mixes the solute component separated and recovered by the separating means with the high osmotic pressure solution fed to the forward osmosis membrane processing means.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2011

(21) Application No.2947/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MICROPROCESSOR OPERATION MONITORING SYSTEM

(51) International classification	:B41F	(71) Name of Applicant :
(31) Priority Document No	:2010-233097	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN.
(32) Priority Date	:15/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)INOUE ATSUSHI 2)TAKEHARA JUN 3)NAKATANI HIROSHI 4)OKABE MOTOHIKO 5)UMEDA YASUTAKA
(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 microprocessor operation monitoring system whose own tasks are constituted by associating beforehand the task number of the task that is next to be started up, for each of the tasks constituting the program, and abnormality of microprocessor operation is detected by comparing and determining whether or not the announced task and the task to be started up match.

No. of Pages : 33 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.2963/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ELECTRIC MOTORCYCLE'

(51) International classification	:H01R	(71) Name of Applicant :
(31) Priority Document No	:2010-243975	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN
(32) Priority Date	:29/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KIYOTAKA FUJIHARA 2)TAKASHI SUZUKI 3)KAORU MACHINO 4)SHO KONO
(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 :

It is an object of the present invention to provide an electric motorcycle which can centralize the mass in the vehicle body as well as improve the installation work. [Means for solving the problems] In an electric motorcycle comprising: an electric motor 70 generating a traveling driving force and a battery 91 supplying the electric motor 70 with electricity, the battery 91 is disposed to the forward and upward of the electric motor 70, a power unit assembly 50 is composed that accommodating the electric motor 70 and the battery 91 in a case 51.

No. of Pages : 33 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2990/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR PRODUCING PLASTIC CONTAINERS AND/OR PLASTIC PREFORMS

(51) International classification

:H01R

(31) Priority Document No

:10 2010

(32) Priority Date

042 965.1
:26/10/2010

(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)FORSTHOVEL, JOCHEN

(57) Abstract :

The invention comprises a method for producing plastic containers and/or plastic preforms by means of an injection moulding machine, comprising the steps of: providing plastic recyclate and new plastic material, heating the plastic recyclate, and heating the new plastic material using at least a part of the heat contained in the heated plastic recyclate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2991/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PURIFYING THERMOPLASTIC POLYMERS

(51) International classification	:C08B
(31) Priority Document No	:102010042967.8
(32) Priority Date	:26/10/2010
(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
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(72)Name of Inventor :

1)FRIEDLAENDER, THOMAS

2)WASMUHT, KLAUS KARL

3)ZACHARIAS, JORG

4)MAYR, STEPHAN

(57) Abstract :

The present invention relates to an apparatus for purifying thermoplastic polymers, said apparatus comprising a means for generating and conveying a polymer melt, said means comprising a first heating unit and a filter means, characterized in that said filter means includes a second heating unit. Furthermore, the present invention relates to a method for purifying thermoplastic polymers, said method comprising a step of filtering a polymer melt by way of a filter means, characterized in that said filter means is at least temporarily heated to a temperature which is higher than that of the polymer melt.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2992/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : VARIABLE-DIAMETER WHEEL

(51) International classification	:B60B 19/04
(31) Priority Document No	:TO2010A000847
(32) Priority Date	:20/10/2010
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:WO 2010/087542
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OTO MELARA SPA

Address of Applicant :VIA VALDILOCCHI, 15, I-19136 LA SPEZIA, ITALY

(72)Name of Inventor :

1)GUIDO ROBERTO SGHERRI

2)GIOVANNI LA SPINA

(57) Abstract :

A variable-diameter wheel 1 comprising at least one rim or hub 11 having a predetermined diameter, to which at least one drive axle 14 of the wheel 1 is connected; at least one outer surface external to the hub 11, having a diameter which is greater than the diameter of said hub 11; and further comprising at least one diameter-variation mechanism 3 secured to said axle 14 and adapted to vary the actual diameter of said wheel 1 according to the torque applied to the drive axle 14 by at least one propulsion system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2994/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:10 2010 060 106.3	1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant :PORSCHEPLATZ 1, 70435
(32) Priority Date	:21/10/2010	STUTTGART, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)ERWIN RUTSCHMANN 2)WILLI SCHULTZ
(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, having at least one cylinder group comprising a plurality of cylinders (20) and having at least one exhaust turbocharger, each cylinder (20) comprising a plurality of outlet valves (21, 22) for exhaust gas, each outlet valve being assigned an outlet duct (25, 26) which opens into an exhaust manifold and via which the respective exhaust gas, after flowing through the respective outlet valve and outlet duct, can be guided in the direction of an exhaust turbocharger, and first outlet ducts (25) of the cylinders (20) being contoured in the manner of nozzles, and second outlet ducts (26) of the cylinders (20) being contoured in the manner of diffusers. (Figure 1)

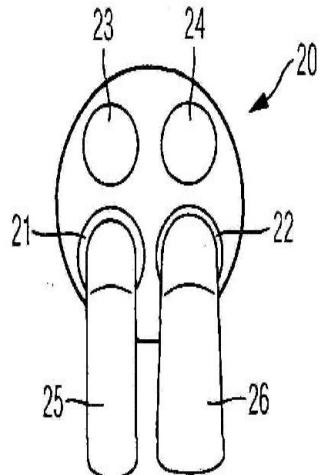


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.2954/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : POWER TOPOLOGY WITH BATTERY CHARGING AND DISCHARGE CURRENT PROTECTION CAPABILITIES

(51) International classification

:H01K

(31) Priority Document No

:12/916,443

(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)O2MICRO, INC.

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(72)Name of Inventor :

1)LIPCSEI LASZLO

2)POPOVICI CATALIN

3)GHERGHESCU ALIN

(57) Abstract :

Generally, a system includes a control circuitry configured to detect a current wherein the detected current is one of a battery discharge current or a battery charging current; a first transistor configured to disconnect a load from at least one of a battery and a DC/DC converter if the battery discharge current exceeds a maximum battery discharge current setting; and a second transistor configured to adjust the charging current to maintain the charging current at or near a charge current setting.

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2976/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYNERGISTIC COMBINATION OF FLUMETSULAM OR DICLOSULAM WITH ISOTHIAZOLONES

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:61/410,083	1)DOW GLOBAL TECHNOLOGIES LLC.
(32) Priority Date	:04/11/2010	Address of Applicant :2040 DOW CENTER, MIDLAND, MICHIGAN 48674, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)EMERENTIANA SIANAWATI
(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 synergistic antimicrobial composition containing flumetsulam and an isothiazolone biocide chosen from among 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one, 2-n-octyl-4-isothiazolin-3-one and N-n-butyl-1,2-benzisothiazolin-3-one. A synergistic antimicrobial composition containing diclosulam and an isothiazolone biocide chosen from 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one and 2-n-octyl-4-isothiazolin-3-one.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2977/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYNERGISTIC COMBINATION OF FLUMETSULAM WITH THIABENDAZOLE

(51) International classification

:C07D

(31) Priority Document No

:61/411,517

(32) Priority Date

:09/11/2010

(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)DOW GLOBAL TECHNOLOGIES LLC.

Address of Applicant :2040 DOW CENTER, MIDLAND,
MICHIGAN 48674, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)EMERENTIANA SIANAWATI

(57) Abstract :

A synergistic antimicrobial composition containing flumetsulam and thiabendazole.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.2978/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STEAM TURBINE PLANT

(51) International classification	:A01J	(71) Name of Applicant :
(31) Priority Document No	:2010-234804	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:19/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KOICHI GOTO 2)NOBUO OKITA
(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 steam turbine plant of one embodiment includes a boiler configured to change water into steam, a high pressure turbine including plural stages of rotor vanes and plural stages of stator vanes, and configured to be driven by the steam from the boiler, a reheat turbine configured to heat the steam exhausted from the high pressure turbine, a reheat turbine including plural stages of rotor vanes and plural stages of stator vanes, and configured to be driven by the steam from the reheat turbine, a condenser configured to change the steam exhausted from the reheat turbine into water, a collector configured to collect water from, for example, the steam which exists upstream of an inlet of the final-stage rotor vane in the high pressure turbine, and a collected matter path configured to cause collected matter in the collector to flow into, for example, the steam between an outlet of the final-stage rotor vane of the high pressure turbine and an inlet of the final-stage rotor vane of the reheat turbine.

No. of Pages : 68 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.3003/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYNERGISTIC ANTIMICROBIAL COMPOSITION OF 1,2-BENZISOTHIAZOLIN-3-ONE AND TRIS (HYDROXYMETHYL) NITROMETHANE

(51) International classification	:C07D
(31) Priority Document No	:61/415,029
(32) Priority Date	:18/11/2010
(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)DOW GLOBAL TECHNOLOGIES LLC.

Address of Applicant :2040 DOW CENTER, MIDLAND,
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(72)**Name of Inventor :**

1)BEI YIN

(57) Abstract :

A synergistic antimicrobial composition containing 1,2-benzisothiazolin-3-one and tris(hydroxymethyl)nitromethane.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.3004/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STEREO MICROPHONE PROCESSING FOR TELECONFERENCING

(51) International classification

:H04L

(31) Priority Document No

:10/881,008

(32) Priority Date

:30/06/2004

(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

:1345/DEL/2005

Filed on

:25/05/2005

(71)Name of Applicant :

1)POLYCOM, INC.

Address of Applicant :4750 WILLOW ROAD,
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AMERICA

(72)Name of Inventor :

1)TRUONG, KWAN K.

2)CHU, PETER

3)POCINO, MICHAEL A.

(57) Abstract :

No. of Pages : 33 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.3007/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : WIND TURBINE HAVING AN ACTIVE PITCH ANGLE CONTROL DURING AN IDLING SITUATION

(51) International classification

:H01R

(31) Priority Document No

:P201001394

(32) Priority Date

:29/10/2010

(33) Name of priority country

:Spain

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(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)GOMEZ DE LAS HERAS CARBONELL, ENRIQUE
2)HERNANDEZ MASCARELL, OCTAVIO
3)SUAREZ AIZPUN, JAIME**

(57) Abstract :

Wind turbine comprising: a tower (13) and a nacelle (21) housing a generator (19) driven by a wind rotor; measuring devices of at least wind speed V, generator speed Ω , pitch angle θ_i of each blade, power P, wind turbine accelerations in two perpendicular directions Ax, Ay, yaw angle Yw; azimuth position of the wind rotor AZ in which the control system connected to said measuring devices and to at least pitch and torque control actuators is also arranged for performing an active pitch angle regulation when the wind turbine is in an idling situation above Vout changing the pitch angle θ_i of each blade for minimizing the wind turbine vibrations depending at least on the measured values of wind speed V, wind turbine accelerations Ax, Ay in two perpendicular directions, yaw angle Yw, azimuth position of the wind rotor AZ and pitch angle θ_i of each blade. Fig. 3

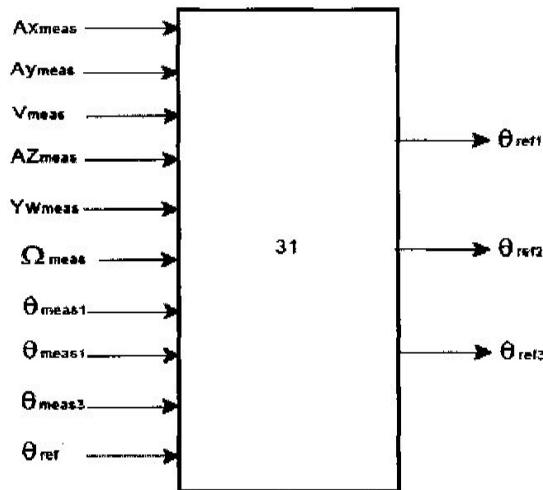


FIG. 3

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.2995/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DUAL DISPENSING APPARATUS

(51) International classification	:B23B
(31) Priority Document No	:10188394.0
(32) Priority Date	:21/10/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SULZER MIXPAC AG

Address of Applicant :RUTISTRASSE 7, 9469 HAAG,
SWITZERLAND

(72)Name of Inventor :

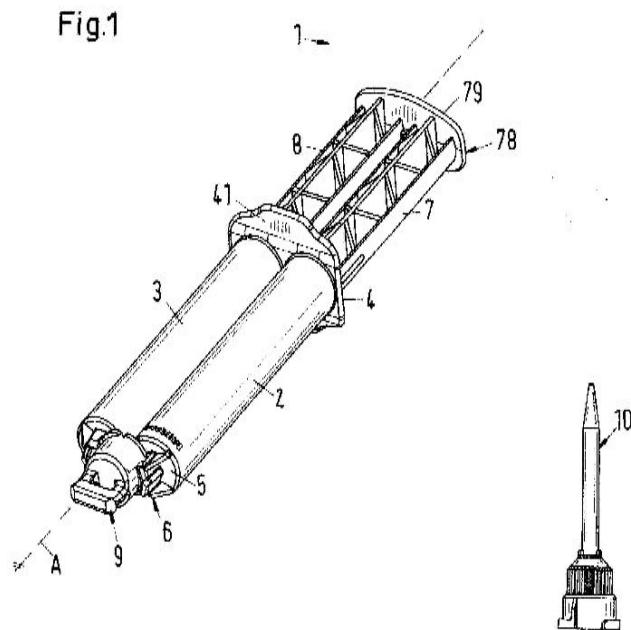
1)MANFRED OBRIST

2)RALF SEIFER

(57) Abstract :

A dual dispensing apparatus for dispensing two flowable components is proposed having a first storage chamber (2) for the first component, having a second storage chamber (3) for the second component, wherein the two storage chambers (2, 3) are arranged next to one another and each have an outlet (21, 31) for the first or for the second component respectively at their distal ends (5), having a first plunger (7) for penetrating into the first storage chamber (2) and having a second plunger (8) for penetrating into the second storage chamber (3), wherein a respective piston (71, 81) for dispensing the respective component is molded to each plunger (7, 8) and is sealingly guided by the respective wall of the storage chamber (2, 3), wherein each storage chamber (2, 3) has at least one first guide element (11) at its end (4) remote from the outlet (21, 31) and each plunger (7, 8) has at least one second guide element (12) adjacent to the respective piston (71, 81), wherein the first and the second guide elements (11, 12) are configured for mutual engagement. (Fig. 1)

Fig.1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3020/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONTROL DEVICE FOR A HYDROSTATIC STEERING MOTOR

(51) International classification	:F16D	(71) Name of Applicant :
(31) Priority Document No	:10 2010	1)SAUER-DANFOSS APS
	050 137.9	Address of Applicant :NORDBORGVEJ 81, DK-6430
(32) Priority Date	:03/11/2010	NORDBORG, DENMARK
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)ARBJERG, NIELS
Filing Date	:NA	
(87) 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 device (1) for a hydrostatic steering motor is provided, said device (1) comprising supply and return pump and tank connections (P, T), a slide valve arrangement in which inner and outer slide element sleeves are rotatable relative to each other to both sides of a neutral position through a limited small angle, said sleeves mutually forming controlled supply and return passages connected to said motor having supply and return throttles which are closed when said sleeves are in a neutral position, bypass throttle means (7) between said pump and tank connections (P, T) being open when said sleeves are in a neutral position, said bypass throttle means (7) having a set of at least two variable orifices connected in series. In such a device the noise should be reduced when a higher supply pressure of hydraulic fluid is used. To this end said set of at least two variable orifices is connected in series with a fixed orifice. Fig. 1

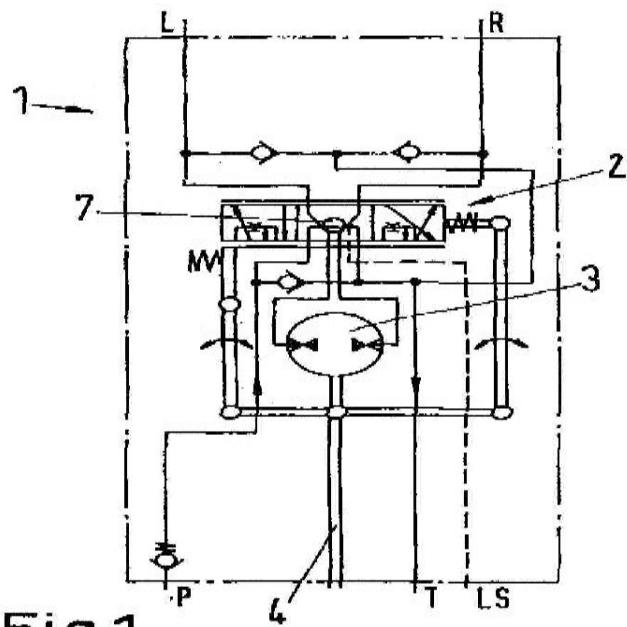


Fig.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3021/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ADJUSTING DEVICE FOR VEHICLE SUBASSEMBLY TO BE ADJUSTED

(51) International classification

:F16D

(31) Priority Document No

:10 2010

049 479.8

(32) Priority Date

:27/10/2010

(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 :

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2)GILBERT TASSILO

3)HEGER THOMAS

4)ANDRICEVIC NINO

5)FECHLER DR. JENS

6)KOOP DIPL.-ING. MATTHIAS

7)SYNOVZIK DIPL.-ING, WILFRIED

8)HOFSCHULTE DIPL.-ING. WOLFRAM

9)OBERLE DIPL.-ING. STEPHAN

(57) Abstract :

The invention relates to an adjusting device (10) for a vehicle subassembly to be adjusted, comprising an adjusting motor which, via an adjusting mechanism, drives a toothed rocker (12) assigned to the vehicle subassembly to be adjusted, wherein the adjusting mechanism structurally reinforces the vehicle subassembly to be adjusted, and wherein an adjusting worm (20) of the structurally reinforcing adjusting mechanism acts directly on the toothed rocker (12).

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3023/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INLET AIR COOLING AND MOISTURE REMOVAL METHODS AND DEVICES IN ADVANCED ADIABATIC COMPRESSED AIR ENERGY STORAGE

(51) International classification	:F21Q
(31) Priority Document No	:12/915,422
(32) Priority Date	:29/10/2010
(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)NUOVO PIGNONE S.P.A

Address of Applicant :VIA FELICE MATTEUCCI, 2, 50127
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(72)Name of Inventor :

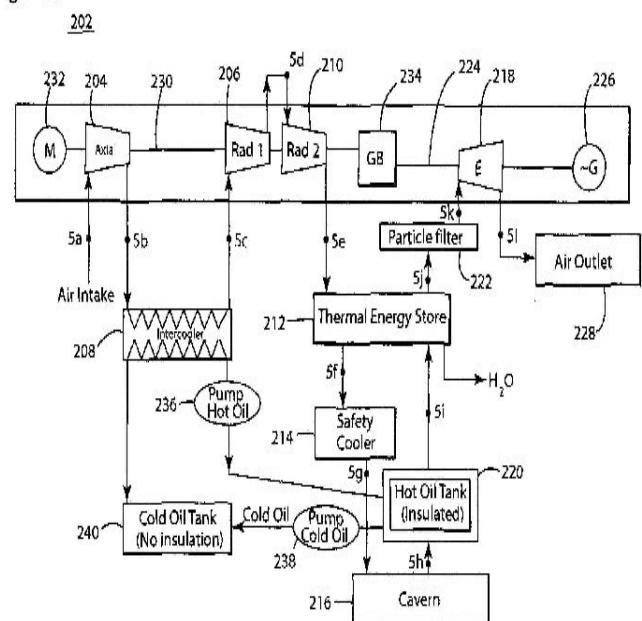
1)ANIKHINDI SANJAY

2)KOSAMANA BHASKARA

(57) Abstract :

Systems and methods provide for cooling air in a power generation system. The system includes: an air handling unit configured to receive air, to cool the air and to remove moisture from the air; a first compressor fluidly connected to the air handling unit and configured to receive the air from the air handling unit and to exhaust a first compressed, heated air flow; a vapor absorption chiller connected to the first compressor and configured to transfer heat energy between a plurality of mediums and to cool the first compressed, heated air flow; and a second compressor connected to the vapor absorption chiller and configured to receive the cooled first compressed, heated air flow and to exhaust a second compressed, heated air flow. (Fig: 2)

Figure 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.3008/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SHEAR BOOST TRIGGERING AND BOTTLE REDUCING SYSTEM AND METHOD

(51) International classification	:H01R	(71) Name of Applicant :
(31) Priority Document No	:12/913,997	1)HYDRIL USA MANUFACTURING LLC
(32) Priority Date	:28/10/2010	Address of Applicant :3300 N. SAM HOUSTON PARKWAY EAST, HOUSTON, TEXAS 77032 USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)DIETZ DAVID ALBERT
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems can be configured to move a ram block in a blowout preventer. The system includes: a first bank of accumulators configured to provide a first pressure to move the ram block; a second bank of accumulators configured to provide a second pressure to move the ram block, wherein the second pressure is greater than the first pressure; and a controller configured to sequentially control the first bank of accumulators to apply pressure to move the ram block and to then control the second bank of accumulators to move the ram block after the first bank of accumulators has moved the ram block a first distance.

No. of Pages : 43 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3025/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HOSPITAL EQUIPMENT AND INCUBATOR

(51) International classification	:A61B
(31) Priority Document No	:PI1004020-
(32) Priority Date	0
(33) Name of priority country	:Brazil
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FANEM LTDA.

Address of Applicant :AV. GENERAL ATALIBA LEONEL,
1790, CAIXA POSTAL 2836 - 02033-020 - SAO PAULO, SP,
BRASIL.

(72)Name of Inventor :

1)DJALMA LUIZ RODRIGUES

(57) Abstract :

The present invention refers to hospital equipment, comprising at least an incubator (3) of the closed kind having at least a side wall (33) and at least a lid or dome (34) defining a cabin (C) inside of which there is provided at least a bed (31) to receive at least a patient, at least one of the walls (33) and/or dome (34) being transparent, and operatively associable to, at least, phototherapy equipment (2), that additionally comprises a film with antifog properties (35) associated to, at least, one of the side walls (33) and/or dome (34).

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3026/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DEVICE FOR AUTOMATIC ELIMINATION OF FIBERS ON THE IMPELLER OF A MIXER IN WASTEWATER TREATMENT PROCESS

(51) International classification	:F21Q	(71) Name of Applicant :
(31) Priority Document No	:10306296.4	1)MILTON ROY MIXING
(32) Priority Date	:25/11/2010	Address of Applicant :10 RUE DU BOIS GASSEAU, SAMOREAU, 77270 FRANCE
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)DIDIER LEFEBVRE
Filing Date	:NA	2)GAEL POULLEAU
(87) International Publication No	:NA	3)ANTOINE GODDE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus is disclosed for maintaining fluid in suspension in a mixing tank including particles includes providing a reversible mixer, rotating the mixer in a normal direction in which particles buildup on the mixer, and, rotating the mixer in an abnormal direction to shed the particles from the mixer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3027/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SMART RADIATION THERMOMETRY SYSTEM FOR REAL TIME GAS TURBINE CONTROL AND PROGNOSIS

(51) International classification	:F21Q
(31) Priority Document No	:12/914,137
(32) Priority Date	:28/10/2010
(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)WANG GUANGHUA

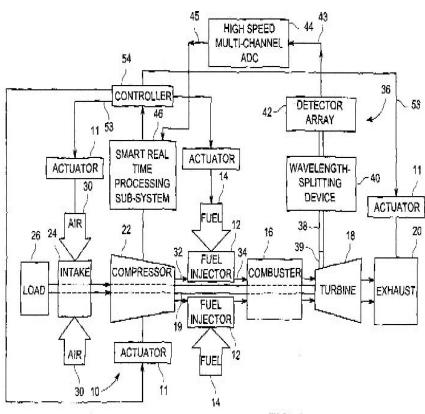
2)NIRMALAN NIRM VELUMYLUM

3)ESTEVADEORDAL JORDI

4)HARPER SEAN PATRICK

(57) Abstract :

[0042] A smart radiation thermometry system including a turbine component is provided. The smart radiation thermometry system includes an optical imaging sub-system configured to receive a continuous broad wavelength band radiation signal emitted by the turbine component. The thermometry system also includes a wavelength splitting sub-system in optical communication with the optical transmission sub-system, wherein the wavelength splitting sub-system receives the continuous broad wavelength band radiation signal, and splits the radiation signal into multiple sub-wavelength band signals. The thermometry system further includes at least one detector array in optical communication with the wavelength-splitting sub-system, wherein the at least one detector array receives the multiple sub-wavelength band signals, and outputs respective analog voltage signals for each of the signals. The thermometry system further includes at least one high-speed multi-channel analog-to-digital converter (ADC) electrically coupled to the at least one detector array, wherein the ADC digitizes respective analog voltage signals and outputs digital voltage signals. The thermometry system also includes at least one smart real time processing sub-system electrically coupled to the at least one detector array via the at least one high-speed multi-channel ADC. The at least one smart real time processing sub-system calculates temperature and emissivity of the turbine component based upon a computed radiance temperature, reflection correction and multi-wavelength algorithm. The smart real time processing sub-system also transmits data indicative of the temperature, emissivity and other plurality of parameters within a pre-determined time period to a communication unit. The smart real time processing sub-system also outputs emergency alarm signals and controls either directly or via a controller one or more actuators coupled to the gas turbine based upon the data to ensure optimum operation of the gas turbine within safe operating limits.



No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.3/DEL/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM FOR FLOW CONTROL IN FUEL INJECTORS

(51) International classification	:B61G	(71) Name of Applicant :
(31) Priority Document No	:13/007945	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:17/01/2011	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)CORRY JUDETH BRANNON
Filing Date	:NA	2)DIMASCIO PAUL STEPHEN
(87) International Publication No	:NA	3)BYRD DOUGLAS S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system includes a gasification fuel injector (104). The gasification fuel injector (104) includes a body having a tip portion (206), a first conduit (208) extending through the body toward the tip portion (206), a second conduit (210) extending through the body toward the tip portion (206), and a flow control device (216) disposed in the first conduit (208) upstream of the tip portion (206). The flow control device (216) is configured to limit a first flow (204) through the first conduit (208).

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3012/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR SURFACE TREATMENT IN A FURNACE.

(51) International classification

:F16D

(31) Priority Document No

:61/405,418

(32) Priority Date

:21/10/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

**1)REESE M. REYNOLDS
2)JAMES TYKE JOHNSON
3)AUBREY LYNN HELMS, JR.
4)H. WILLIAM LUCAS, JR.**

(57) Abstract :

The present invention relates apparatus and methods for treating the surfaces of substrates in a furnace to enhance the subsequent deposition of thin films or to enhance the reaction of the surfaces with gas phase components. Exhaust systems and methods of their use allow the exhaust gases to be conveyed to proper gas treatments facilities. Door seal and inert gas purge systems allow the furnace to be operated safely and minimize the reaction of the process gases in the door seal region.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3013/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SIGNAL PROCESSING DEVICE, SIGNAL PROCESSING METHOD, AND PROGRAM

(51) International classification	:F16D	(71) Name of Applicant :
(31) Priority Document No	:P2010-243912	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:29/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)TAKASHI SHIBUYA 2)KEISUKE TOYAMA 3)MOTOTSUGU ABE
(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 signal processing device that identifies a piece of music of an input signal by comparing the input signal with a plurality of reference signals including only a piece of music includes a weight distribution generating section that generates a weight distribution corresponding to a likeness to music in regions of the input signal transformed into a time-frequency domain, and a similarity calculating section that calculates degrees of similarity between a feature quantity in the regions of the input signal transformed into the time-frequency domain and feature quantities in the regions of the reference signals transformed into the time-frequency domain on the basis of the weighting based on the weight distribution.

No. of Pages : 62 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3031/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHODS FOR COOLING A CARRIER FLUID OF AN ELECTRIC POWER PLANT, ELECTRIC POWER PLANTS AND COOLING SYSTEM

(51) International classification	:F21Q
(31) Priority Document No	:EP10188875
(32) Priority Date	:26/10/2010
(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)WOLF; ERIK

(57) Abstract :

The invention concerns a method for cooling a carrier fluid (5), which carrier fluid (5) is used to drive a turbine (29) in an electric power plant (2'). According to a first embodiment of the invention at least part of a cooling process is realized by leading the carrier fluid (5) and/or a cooling fluid (13, 46) for cooling the carrier fluid (5) underground a soil to a depth (41) in which the soil is substantially cooler than the ambient air. According to a second embodiment of the invention at least part of a cooling process is realized by supplying at least some of the carrier fluid (5), and/or at least some of a cooling fluid (13) used to cool the carrier fluid (5), from a cold storage (51) which stores fluid at a significantly lower temperature than the temperature of the carrier fluid (5) in the turbine (29). The invention also concerns electric power plants (2') and a cooling system (4) operating according to the embodiments of these methods. FIG: 3

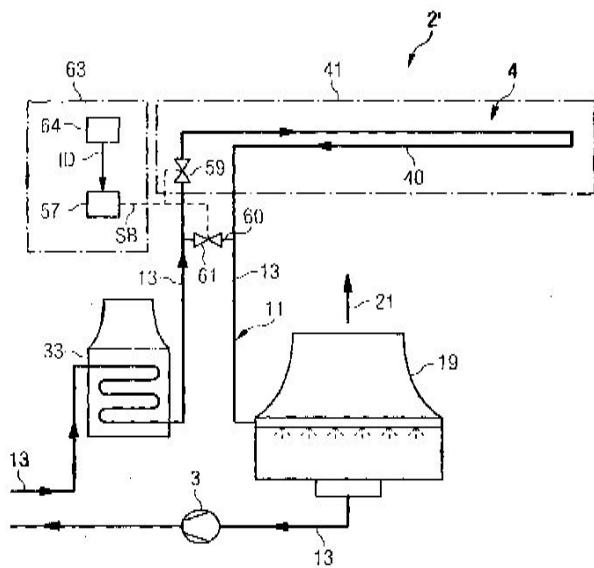


Fig: 3

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.3032/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TRANSMISSION MEMBER INCLUDING AN ELECTRIC MOTOR HAVING AN INTEGRATED DIFFERENTIAL

(51) International classification	:F21Q	(71) Name of Applicant :
(31) Priority Document No	:12/950,404	1)REMY TECHNOLOGIES, L.L.C.
(32) Priority Date	:19/11/2010	Address of Applicant :600 CORPORATION DRIVE, 2ND FLOOR PENDLETON, IN 46064 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)PALFAI, BALAZS
Filing Date	:NA	2)MEYER, ANDREW
(87) International Publication No	:NA	3)NAGY, ATTILA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transmission member including a housing, a stator assembly arranged within the housing, and a rotor assembly rotatably mounted relative to the stator assembly within the housing. The rotor assembly includes a hub portion that defines, at least in part, a carrier. A differential gear assembly is arranged within the carrier. The differential gear assembly includes first and second planet gears driven by the carrier, and first and second side gears driven by the first and second planet gears.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.3000/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STEAM TURBINE PLANT

(51) International classification	:A61B	(71) Name of Applicant :
(31) Priority Document No	:2010-234821	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:19/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KOICHI GOTO 2)NOBUO OKITA
(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 steam turbine plant of one embodiment includes a boiler configured to change water into steam, an upstream turbine including plural stages of rotor vanes and plural stages of stator vanes, and configured to be driven by the steam from the boiler, a downstream turbine including plural stages of rotor vanes and plural stages of stator vanes, and configured to be driven by the steam from the upstream turbine, a condenser configured to change the steam exhausted from the downstream turbine into water, a collector configured to collect water from, for example, the steam which exists upstream of an inlet of the final-stage rotor vane in the upstream turbine, and a collected matter path configured to cause collected matter in the collector to flow into, for example, the steam between an outlet of the final-stage rotor vane of the upstream turbine and an inlet of the final-stage rotor vane of the downstream turbine.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.3002/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR DURABLE FABRIC TREATMENT

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:61/416,337	1)ROHM AND HAAS COMPANY
(32) Priority Date	:23/11/2010	Address of Applicant :100 INDEPENDENCE MAIL WEST, PHILADELPHIA, PENNSYLVANIA, 19106, USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)TIRTHANKAR GHOSH
Filing Date	:NA	
(87) 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 an aqueous composition useful for treating fabric comprising (i) a complex of silver ion with a copolymer and (ii) a dispersed amine-functional softener, wherein said copolymer comprises (a) 60-95 wt % polymerized units of one or more monomer X, wherein said monomer X is an ethylenically unsaturated compound having a substituent group selected from an unsaturated or aromatic heterocyclic group having at least one nitrogen atom; and (b) 5-40 wt % polymerized units of one or more monomer Y, wherein said monomer Y is an ethylenically unsaturated compound selected from carboxylic acids, organosulfuric acids, sulfonic acids, phosphonic acids, esters comprising polymerized units of ethylene oxide, and mixtures thereof. Also provided is a method of treating fabric comprising contacting said fabric with the composition of claim 1 at pH from 3 to 7.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3015/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STAPLE GUN WIRE GUIDE

(51) International classification	:F16D	(71) Name of Applicant :
(31) Priority Document No	:12/946,496	1)ARROW FASTENER CO., LLC
(32) Priority Date	:15/11/2010	Address of Applicant :271 MAYHILL STREET, SADDLEBROOK, NEW JERSEY 07663, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)SHOR, IIYA
Filing Date	:NA	
(87) 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 staple gun tacker includes a wire guide mechanism in its forward end which includes a wire guide plate having a recessed lower end for engaging a wire when the plate is in an extended position and a rotatable cam for moving the plate between extended and retracted positions which includes a circular slot formed therein having one end thereof located closer to the axis of rotation of the cam than the other receiving and engaged with a projection on the cam plate so that rotation of the cam is translated into linear movement of the wire guide plate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2011

(21) Application No.3047/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND PLANT FOR DEHUMIDIFYING MATERIAL IN GRANULAR FORM

(51) International classification	:F17B
(31) Priority Document No	:PD2010A000322
(32) Priority Date	:26/10/2010
(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 :

1)MORETTO S.P.A.

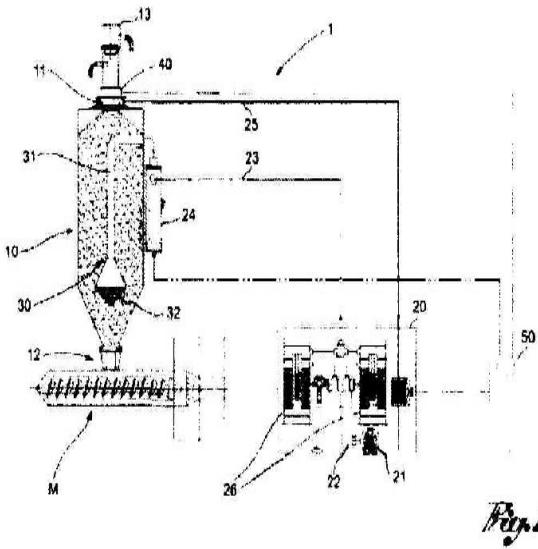
Address of Applicant :VIA DELL'ARTIGIANATO, 3, I-35010 MASSANZAGO, PADOVA, ITALY

(72)Name of Inventor :

1)MORETTO, RENATO

(57) Abstract :

The invention relates to a method of dehumidifying material in granular form, comprising the following operating steps: a) arranging a dehumidification plant 1 comprising at least one hopper 10 for containing the granular material to be dehumidified, having a feed mouth 11 and an output mouth 12, and at least one dry air generator 20 fluidically connected to means 30 for distributing the dry air inside the hopper 10; b) loading granular material into the hopper through the feed mouth; c) measuring the degree of initial humidity c_0 of the granular material entering the hopper ; d) calculating on the basis of the values of initial humidity measured, the dehumidifying capacity of the dry air flow through the hopper needed to achieve predefined residual humidity values in the granular material leaving the hopper, the residence time of the granular material inside the hopper being fixed; e) generating a dry air flow through said hopper having a dehumidifying capacity calculated in the calculating step d) , activating the generator. The invention also relates to a dehumidification plant of granular material.



No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3033/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FOAM STIFFENED STRUCTURE AND METHOD OF MAKING THE SAME

(51) International classification

:F21Q

(31) Priority Document No

:61/410 458

(32) Priority Date

:05/11/2010

(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)BELL HELICOPTER TEXTRON INC.

Address of Applicant :P.O. BOX 482, FORT WORTH, TX
76101, U.S.A.

(72)Name of Inventor :

1)THIAGARAJAN, RAMESH

2)MISHRA, SAVANKAR

3)CHRIS, MARK

4)EVANS, WILLIAM

5)MIKEL, MIKE

(57) Abstract :

A structure includes a skin and a foam member. The foam member has a molded contour, the mold contour being configured to provide tooled surface for the skin. When the skin is a composite skin, the foam member provides support for the skin so that the skin can be cured under heat and pressure. A method of making the foam member for a foam stiffened structure includes creating a mold having an interior cavity which resembles a desired shape the foam member. A subsequent step involves introducing a foam mixture into the mold. Next, the foam mixture is allowed to polymerize so as to expand and distribute within the cavity of the mold. The method further includes selectively controlling a density of the foam member in the mold. The foam member is at least partially cured. The foam member is assembled with a skin to produce the foam stiffened structure.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3034/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING A BATTERY

(51) International classification

:F21Q

(31) Priority Document No

:201010538182.X

(32) Priority Date

:04/11/2010

(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)O2 MICRO, INC.

Address of Applicant :3118 PATRICK HENRY DRIVE
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(72)Name of Inventor :

1)SHUNGANG XU

2)JIANPING XU

3)SHAOLAN WANG

4)WEI ZHANG

5)TAO ZHANG

6)JINGBO KE

(57) Abstract :

A method for managing a battery with multiple battery cells is disclosed. The method includes monitoring parameters of the battery cells by an information acquisition unit. Parameters of the battery cells include individual cell voltages. The method further includes selecting, by a controller one of multiple charging modes in which the battery cells are charged according to the cell voltages. The charging modes include a constant current charging mode, a constant voltage charging mode, and a pulse charging mode.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3052/DEL/2011 A

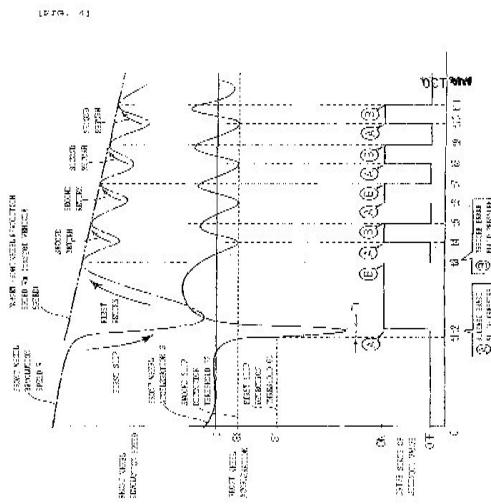
(43) Publication Date : 11/01/2013

(54) Title of the invention : ANTILOCK BRAKE CONTROL SYSTEM

(51) International classification	:F17B	(71)Name of Applicant :
(31) Priority Document No	:2010-248480	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN
(32) Priority Date	:05/11/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)TAKUMI MAKABE 2)SHINICHIRO KATO
(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 :

To provide an antilock brake control system capable of performing ABS control in accordance with actual road surface conditions on the basis of only a revolution speed of a wheel to which the ABS control is applied. [Solving Means] When a front wheel deceleration G calculated on the basis of the detected revolution speed (V) exceeds a slip detection threshold G₁, the antilock brake control means 65 judges that the front wheel WF is put into a locked state, and dissolves the locked state by controlling and thus releasing the brake pressure produced in accordance with a manipulation by a rider. The antilock brake control system includes surface friction estimating means 66 configured to find an estimated deceleration G_s on the basis of a return acceleration G_f which occurs when the revolution of the front wheel WF returns in conjunction with the control and release of the brake pressure, the estimated deceleration G_s being based on at least how large road surface friction is, and the estimated deceleration G_s serving as a benchmark for ease with which the vehicle 1 pulls up. The antilock brake control means 65 calculates a target front wheel revolution speed V_m in accordance with the estimated deceleration G_s, and controls the brake pressure during the antilock brake control in order that the revolution speed V becomes equal to the target front wheel revolution speed V_m. [Selected Drawing] Fig. 4



No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3053/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING TENSION OF ROLLING MATERIAL AND
TENDEM HOT ROLLING MACHINE

(51) International classification	:F17B	(71) Name of Applicant :
(31) Priority Document No	:2010-240240	1)HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO JAPAN
(32) Priority Date	:27/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SUZUKI KAZUFUMI 2)TAKAHASHI TOSHIAKI
(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 :

For performing tension control of a rolling material stably, when there is no abnormality in a load detected value obtained from a load detecting part 28, a pressure command correction amount learning part 3 learns a coefficient of a relational expression representing a correlation between a pressure detected value acquired by a pressure detecting part 27 and a first pressure command value correction amount based on a load detected value computed by a first pressure command correcting part 24. When a normal load detected value cannot be acquired by the load detecting part 28, a rolling material tension control apparatus 1 switches a pressure command value correction amount used by a pressure command computing part 20 from the first pressure command value correction amount computed by the first pressure command correcting part 24 to a second pressure command value correction amount computed by a second pressure command correcting part 25 on the basis of the correlation learned by the pressure command correction amount learning part 3. Since these correction amounts are correlated with each other, when the correction amount is switched, the correction amount does not substantially change. Therefore, tension control for a rolling material does not become unstable.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3024/DEL/2011 A

(43) Publication Date : 11/01/2013

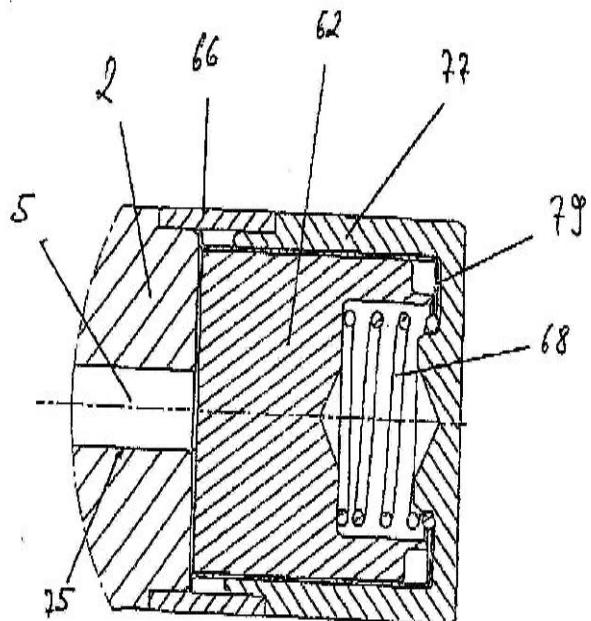
(54) Title of the invention : HIGH PRESSURE CONTROL VALVE

(51) International classification	:F21Q	(71)Name of Applicant :
(31) Priority Document No	:10 2010 049 035.0	1)KENDRION BINDER MAGNETE GMBH Address of Applicant :MONCHWEILER STR. 1, 78048
(32) Priority Date	:21/10/2010	VILLINGEN-SCHWENNINGEN GERMANY.
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)BURKART HARALD 2)MAIWALD WOLFRAM 3)HERMANN ROLF 4)ZELANO FRANK 5)HEINGL RALF 6)SCHIESS KLAUS
(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 :

High-pressure regulating valve (1) with a valve body (2) with an inlet (20) and an outlet (21), a sealing element (4), which acts on a valve seat (3), which is disposed on the valve body (2) between inlet (20) and outlet (21) and has a valve bore (30), an activating element (5) that is mounted able to move along a longitudinal axis and can be activated by an appropriately configured electromagnet (6), wherein an armature (62) of the electromagnet (6) and the activating element (5) are configured as nonconnected, separate structural elements. Fig. 2

Fig.2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2011

(21) Application No.3040/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : REINFORCING STRUCTURE FOR FRONT PORTION OF VEHICLE BODY

(51) International classification	:F17B	(71) Name of Applicant :
(31) Priority Document No	:2010-247375	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:04/11/2010	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)JOJIKI, KENTARO
Filing Date	:NA	2)USUDA, YOSHITAKA
(87) 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 front portion of a vehicle body has a fender apron panel 3 provided at an engine compartment E-side corner portion C formed by a dash panel 1 and a cowl side panel 2, an upper suspension bracket 4 attached to an upper portion of the apron panel 3 and the cowl side panel 2, and flanges 4b and 4c provided at a rear edge and a side edge of the upper suspension bracket 4 respectively, the upper suspension bracket 4 being joined to the dash panel 1 and the cowl side panel 2 via the flanges, wherein a reinforcing member 11 is provided at the corner portion C, the reinforcing member 11 being joined to the dash panel 1 and the cowl side panel 2 and having an L-shape viewed from an upper side of the vehicle body, a rear surface of an upper portion of the reinforcing member 11 is joined to the dash panel 1 together with the upper suspension bracket 4, and a side surface of the upper portion of the reinforcing member 11 is joined to the cowl side panel 2 together with the upper suspension bracket 4.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2011

(21) Application No.3041/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STAGED GASIFIER AND RELATED PROCESSES

(51) International classification

:F17B

(31) Priority Document No

:12/916,219

(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

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

(72)Name of Inventor :

1)SINGH SURINDER PRABHJOT

2)LISSIANSKI VITALI V

3)AVAGLIANO AARON JOHN

4)MADL WOLFGANG

(57) Abstract :

A gasifier system which includes a reactor; a feedstock inlet; an oxidant inlet; a raw product gas outlet; and a recycle conduit, is provided. The reactor usually includes an upper section, a central section, and a lower section. The feedstock inlet is disposed in the upper section of the reactor to receive a carbonaceous feedstock. The oxidant inlet is disposed in the lower section of the reactor to receive an oxidant. The raw product gas outlet is disposed in the upper section of the reactor. The recycle conduit is configured to couple the raw product gas outlet to the lower section of the reactor, and to recycle a raw product gas from the upper section of the reactor to the lower section of the reactor. A method for converting a carbonaceous stream into a product gas in a gasifier system is also provided. (Fig:1)

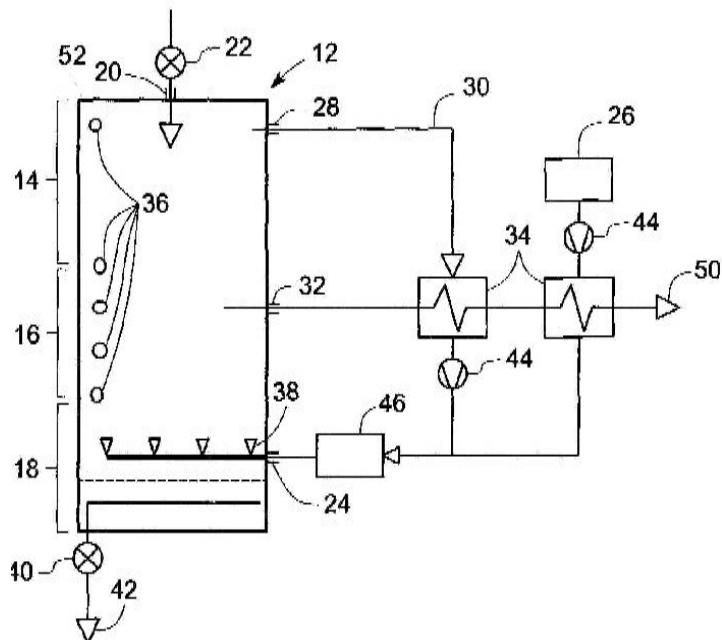


FIG. 1

No. of Pages : 21 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3069/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : OVERFLOW DOWN-DRAW WITH IMPROVED GLASS MELT VELOCITY AND THICKNESS DISTRIBUTION

(51) International classification	:B60H
(31) Priority Document No	:61/407,963
(32) Priority Date	:29/10/2010
(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)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING,
NEW YORK 14831, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)STEVEN MICHAEL MILILLO

2)RANDY LEE RHOADS

(57) Abstract :

An apparatus for making a glass sheet using overflow fusion down-draw process comprising an inlet assembly having an elliptic cylindrical section coupled to a transition section which is, in turn, coupled to an open end of an open channel of an isopipe, and an overflow fusion down-draw process for making glass sheet. The glass melt flow has a high surface velocity profile conducive to the formation of a glass ribbon over the surface of the weirs and the wedge side surfaces with the desired mass distribution.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3070/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARTUS FOR CUTTING GLASS RIBBON

(51) International classification

:F17B

(31) Priority Document No

:61/407,975

(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)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING,
NEW YORK 14831, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)HUNG CHENG LU

2)WEI XU

3)NAIYUE ZHOU

4)LIMING WANG

(57) Abstract :

A process and apparatus for cutting a continuous glass ribbon involving the use of edge restrainers such as suction cups and clamps connected to an actuator of a robot tooling through a flexible linkage capable of reciprocal motion in the direction of the ribbon velocity. The use of the flexible linkage reduces peak pulling-force when the glass ribbon is pulled or pushed laterally to during bending and separation along a pre-formed score-line. The invention can be advantageously used in the bottom of the draw of a vertical down-draw forming process.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3071/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BATTERY ACTIVE MATERIAL, NONAQUEOUS ELECTROLYTE BATTERY AND BATTERY PACK

(51) International classification	:B60H	(71) Name of Applicant :
(31) Priority Document No	:2010-244658	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN
(32) Priority Date	:29/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)HARADA YASUHIRO 2)TAKAMI NORIO 3)INAGAKI HIROKI 4)YOSHIDA YORIKAZU
(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, a battery active material is provided. The battery active material includes monoclinic complex oxide represented by the formula $LixTi_{1-y}MlyNb_{2-z}M_2zO_{7+\delta}$ ($0 \leq x \leq 5$, $0 \leq y \leq 1$, $0 \leq z \leq 2$, $-0.3 \leq \delta \leq 0.3$). In the above formula, M1 is at least one element selected from the group consisting of Zr, Si and Sn, and M2 is at least one element selected from the group consisting of V, Ta and Bi.

No. of Pages : 58 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3072/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FLUID CONTAINER HAVING FLUID INTERFACE FOR MICRO-FLUID APPLICATIONS

(51) International classification

:B60H

(31) Priority Document No

:61/408,065

(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 :

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(72)Name of Inventor :

1)JAMES III EDMUND H.

2)McFARLAND NEAL D.

3)KOMPLIN STEVEN R.

4)WILLIAMSON RANDAL S.

(57) Abstract :

A consumable supply item for an imaging device holds an initial or refillable volume of ink. Users orient a housing to deplete the ink in a direction of gravity toward a bottom of the interior. The imaging device has a rotating latch. The latch mates with a top of the supply item to keep in place the supply item. Fluid exit and air venting ports reside on a side of the housing that gets inserted first into a container slot of the imaging device. A space separates the ports so a biasing member can push against the housing to assist in ejecting the supply item upon users activating the latch. The ports are separated a maximum distance to facilitate the ejection, while the exit port remains near a bottom to minimize stranding ink. Further embodiments note arrangements, distances and consumer features, to name a few.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3091/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR CHARGING AN ELECTRIC VEHICLE

(51) International classification

:H02J

(31) Priority Document No

:12/940,085

(32) Priority Date

:05/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

An energy management system (ESMS) (11) includes energy storage devices (32, 34, 36) coupled to a vehicle drivetrain (18, 26, 14, 24) and configured to store DC energy, a power electronic conversion system (42) having energy ports (102), the power electronic conversion system (42) comprising a DC electrical converters (104, 106, 108), each DC electrical converter (104, 106, 108) configured to step up and to step down a DC voltage, wherein each of the energy ports (102) is coupleable to each of the energy storage devices (32, 34, 36) and each of the energy ports (102) is coupleable to an electrical charging system (44). The ESMS (11) includes a controller (46) configured to determine a voltage of each energy port (102) having either an energy storage device (32, 34, 36) or a DC electrical charging system (44) coupled thereto, and electrically connect a first energy port to a second energy port such that at least one of the DC electrical converters (104, 106, 108) either steps up or steps down an input DC voltage based on the determined voltage of each energy port (102).

No. of Pages : 38 No. of Claims : 16

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
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(72)Name of Inventor :

1)KUSCH RUEDIGER SOEREN

2)KING ROBERT DEAN

3)STEIGERWALD ROBERT LOUIS

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3092/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : YARN SPLICING DEVICE AND YARN WINDING MACHINE

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:2010-247538	1)MURATA MACHINERY LTD.
(32) Priority Date	:04/11/2010	Address of Applicant :3 MINAMI OCHIAL-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)SATO MOTOHIKO 2)TAKADA HIROSHI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A yarn splicing device includes an untwisting pipe for acting airflow on a yarn end to untwist the yarn end; and a dedicated dust collector for collecting yarn wastes generated by the untwisting. The dust collector includes a dust collecting chamber for temporarily accommodating the collected yarn wastes. The dust collecting chamber is formed with a yarn waste introducing port opened towards the untwisting pipe , a yarn waste discharge opening for sucking and discharging the yarn wastes in the dust collecting chamber to outside, and an air vent filter arranged at a position facing the yarn waste discharge opening .

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3060/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONTROL SYSTEM AND METHODS OF VERIFYING OPERATION OF AT LEAST ONE WIND TURBINE SENSOR

(51) International classification	:F17B
(31) Priority Document No	:12/916153
(32) Priority Date	:29/10/2010
(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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(72)**Name of Inventor :**

1)MAZZARO, MARIA CECILIA

2)CARDINAL, MARK EDWARD

3)MOVSICHOFF, BERNARDO ADRIAN

4)Taware, AVINASH

5)DINJUS, THOMAS

(57) Abstract :

A method (400) of verifying operation of at least one wind turbine sensor (204) includes dynamically defining a neighborhood (306) of neighbor wind turbines (100) for a first wind turbine (308), each neighbor wind turbine including at least one sensor. The method also includes receiving data from at least one neighbor wind turbine sensor and determining a status of at least one sensor of the first wind turbine using the data received from the neighbor wind turbine sensor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3080/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MIXTURES CONTAINING 1,1,1,3,3,3-HEXAFLUOROBUTENE AND 1-CHLORO-3,3,3-TRIFLUOROPROPENE

(51) International classification	:C07C
(31) Priority Document No	:61/407,708
(32) Priority Date	:28/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)HONEYWELL INTERNATIONAL INC.,

Address of Applicant :101 COLUMBIA ROAD, P.O. BOX
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STATES OF AMERICA

(72)Name of Inventor :

1)MARY C. BOGDAN

2)CLIFFORD P. GITTERE

3)JAMES M. BOWMAN

4)YIU KEUNG LING

5)DAVID J. WILLIAMS

(57) Abstract :

The present invention relates to mixtures of 1,1,1,3,3,3-hexafluorobutene (1336mzzm) and 1-chloro-3,3,3-trifluoropropene (1233zd). The blends are useful as blowing agents for polymer foam, solvents, aerosol propellants and heat transfer media.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3081/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LIGHT EMITTING APPARATUS AND PRODUCTION METHOD THEREOF

(51) International classification	:G01R	(71) Name of Applicant :
(31) Priority Document No	:2010-243811	1)NICHIA CORPORATION
(32) Priority Date	:29/10/2010	Address of Applicant :491-100, OKA, KAMINAKA-CHO, ANAN-SHI, TOKUSHIMA 774-8601, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)TOMONORI MIYOSHI
Filing Date	:NA	2)KENJI OZEKI
(87) International Publication No	:NA	3)TOMOAKI TSURUHA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A light emitting apparatus comprises an electrically insulating base member; a pair of electrically conductive pattern portions formed on an upper surface of the base member; at least one light emitting device that is electrically connected to the pair of electrically conductive pattern portions; and a resin portion that surrounds at least a side surface of the at least one light emitting device and partially covers the pair of electrically conductive pattern portions. Each of the pair of electrically conductive pattern portions extends toward a periphery of the base member from resin-covered parts of the electrically conductive pattern portions. At least the resin-covered parts of each of the electrically conductive pattern portions has at least one elongated through hole extending in a direction in which the electrically conductive pattern portions extend from the resin-covered parts, wherein the resin portion contacts the base member via the through holes.

No. of Pages : 44 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3082/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : WIND TURBINE PITCH ASSEMBLY ENCLOSURE SYSTEM

(51) International classification

:B23B

(31) Priority Document No

:12/916063

(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

(57) Abstract :

A system for enclosing a portion of a wind turbine with an enclosure system and a method of enclosing a wind turbine with the system are described. An inner seal plate is positioned in an inner interface area between a hub of the wind turbine a pitch assembly. An opening is formed in the inner seal plate and is covered with a first access cover when in a closed position. An outer seal plate is positioned in an outer interface area between a pitch assembly and a rotor blade. An opening is formed in the outer seal plate and is covered with a second access cover when in a closed position. The access covers restricts access to the respective openings formed in the seal plates when in the closed position.

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

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, USA.

(72)Name of Inventor :

1)MOORE, BRADLEY GRAHAM

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3098/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEMS, METHODS, AND APPARATUS FOR COMPUTER-ASSISTED FULL MEDICAL CODE SCHEME TO CODE SCHEME MAPPING

(51) International classification	:H01S	(71) Name of Applicant :
(31) Priority Document No	:12/938923	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:03/11/2010	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)PHILLIPS, JOHN N.
(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 example method for mapping of medical code schemes includes processing a plurality of coded concepts to determine a potential match between a code from a first code scheme in the plurality of coded concepts and a code from a second code scheme in the plurality of coded concepts. The method includes assigning a probability to each potential match of a code from the first code scheme and a code from the second code scheme. The method includes generating an alphanumeric indication of the probability of each potential match between the first code scheme and the second code scheme from the plurality of coded concepts and generating a graphical representation of the plurality of coded concepts. The method includes outputting the alphanumeric indication and the graphical representation to a user and accepting user input to select a match between the first code scheme and the second code scheme.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3054/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ROLLING CONTROL APPARATUS AND ROLLING CONTROL METHOD

(51) International classification	:F17B
(31) Priority Document No	:2010-243620
(32) Priority Date	:29/10/2010
(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)HITACHI, LTD.

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

(72)Name of Inventor :

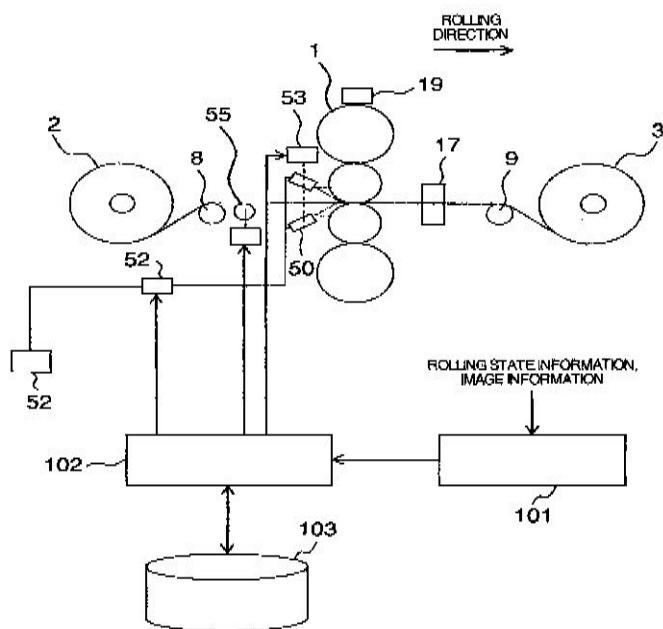
1)HATTORI SATOSHI

2)FUKUCHI YUTAKA

(57) Abstract :

In a rolling control apparatus and a rolling control method, for correcting a change in a delivery side strip thickness caused by a change in a remaining coolant length, the apparatus which rolls a continuous material to be rolled by feeding the material to be rolled between at least one pair of rolls, comprises: detecting that a remaining volume of a coolant, which is fed between the material to be rolled and the rolls, on the material to be rolled before being fed between the rolls increases and decreases in the range of a predetermined threshold value or more within a predetermined time interval; detecting a thickness of the rolled material; and controlling the remaining volume of the coolant based on the detection result of the remaining volume, when the detected thickness of the rolled material increases and decreases in the range of a predetermined threshold value or more within a predetermined time interval. [Selected Drawing] Fig. 6

FIG.6



No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3055/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : THERMAL POWER PLANT'

(51) International classification	:F17B	(71) Name of Applicant :
(31) Priority Document No	:2010-240209	1)HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8280 JAPAN
(32) Priority Date	:27/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YAMAMOTO KENJI 2)HANDA MASATO 3)NAGAFUCHI NAOYUKI 4)KUSUMI NAOHIRO 5)FUKUDA MITSUKO 6)SHIBATA TSUYOSHI 7)MATSUURA SHINJI
(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 thermal power plant is proposed for achieving high reliability, low material cost, and low construction cost by devising the arrangement and structures of a boiler, steam turbines, and a flue gas treatment apparatus to reduce a usage amount of high-temperature resistance material and further to reduce a thermal elongation of piping. In a thermal power plant including a 2 pass-type boiler having a furnace for burning fuel, a rear heat recovery area for recovering heat from combustion gas exhausted from the furnace, steam turbines are arranged near the rear heat recovery area.

No. of Pages : 73 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3073/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FLUID CONTAINER HAVING LATCHING INTERFACE FOR MICRO-FLUID APPLICATIONS

(51) International classification	:B60H	(71) Name of Applicant :
(31) Priority Document No	:61/408,065	1)LEXMARK INTERNATIONAL, INC.
(32) Priority Date	:29/10/2010	Address of Applicant :740 WEST NEW CIRCLE ROAD, LEXINGTON, KY 40550 USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)JAMES III EDMUND H.
Filing Date	:NA	2)KOMPLIN STEVEN R.
(87) International Publication No	:NA	3)WILLIAMSON RANDAL S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A consumable supply item for an imaging device holds an initial or refillable volume of fluid. Users orient a housing to deplete the fluid in a direction of gravity toward a bottom surface of the interior en route to an exit port. The imaging device has a rotating latch to keep in place the supply item during use. Users activate the latch to eject the supply item. The latch mates with a notch on the supply item. A first face of the notch angles to allow the latch to swing into and away from contact with the notch while a second face substantially parallels a side of the latch when the latch is engaged with the first face. The faces have differing angles and differing lengths. Further embodiments note angular degrees, biasing members, container slots, and consumer features of the supply item, to name a few.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3093/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : WEDGE LOCK FOR USE A SINGLE BOARD COMPUTER AND METHOD OF ASSEMBLING A COMPUTER SYSTEM

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:12/939,208	1)GE INTELLIGENT PLATFORMS, INC.
(32) Priority Date	:04/11/2010	Address of Applicant :2500 AUSTIN DRIVE
(33) Name of priority country	:U.S.A.	CHARLOTTESVILLE, VA 22911, U.S.A.
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)SPORER BERND
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A wedge lock for use with a single board computer includes a first portion configured to move in a first direction and a second portion configured to move in a plurality of directions in response to the movement of the first portion and to facilitate securing the single board computer in an operating environment and to facilitate conduction cooling of the single board computer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.3108/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MULTIPLE COMPONENT DISPENSING CARTRIDGE, MIXING NOZZLE AND MATHOD FOR REDUCING CONTACT BETWEEN FLUIDS

(51) International classification	:B64C	(71) Name of Applicant :
(31) Priority Document No	:12/917,020	1)NORDSON CORPORATION
(32) Priority Date	:01/11/2010	Address of Applicant :28601 CLEMENS ROAD,
(33) Name of priority country	:U.S.A.	WESTLAKE, OHIO 44145, UNITED STATES OF AMERICA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MATTHEW E. PAPPALARDO
(87) 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 fluid cartridge for mixing and dispensing first and second fluids includes a housing, a piston unit mounted in the housing, and a mixing nozzle. The mixing nozzle includes a first portion releasably attachable to a distal end of the housing and a second portion located distal to the first portion. An internal fluid passage communicates between the first and second portions. A static mixing element is located in the second portion and a distal dispensing opening communicates with the static mixing element. A tubular fluid separator element is located in the first portion and defines first and second flow passages. The first flow passage is a central passage and the second flow passage is radially outside of the first flow passage. The fluid separator element maintains the flow of the first fluid separate from the flow of the second fluid in the first portion of the mixing nozzle.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3099/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROTECTING GASIFIER QUENCH RING

(51) International classification	:H01S	(71) Name of Applicant :
(31) Priority Document No	:12/916527	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:02/11/2010	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)CORRY, JUDETH BRANNON
Filing Date	:NA	2)STOREY, JAMES MICHAEL
(87) International Publication No	:NA	3)DIMASCIO, PAUL STEPHEN
(61) Patent of Addition to Application Number	:NA	4)CHEN, WEI
Filing Date	:NA	5)TABER, WADE ALBERT
(62) Divisional to Application Number	:NA	6)FAIR, DELOME DIANE
Filing Date	:NA	

(57) Abstract :

A system includes a gasifier, which includes a reaction chamber configured to convert a feedstock into a synthetic gas, a quench chamber configured to cool the synthetic gas, a quench ring configured to provide a water flow to the quench chamber, and a quench ring protection system configured to protect the quench ring from the synthetic gas or a molten slag. The quench ring protection system includes a protective barrier disposed within an inner circumferential surface of the quench ring. The protective barrier substantially overlaps the inner circumferential surface in an axial direction along an axis of the quench ring.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.31/DEL/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FREQUENCY MODULATION DEVICE

(51) International classification	:G09D	(71) Name of Applicant :
(31) Priority Document No	:P2011-043038	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:28/02/2011	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)MATSUSHITA KENICHI
(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 frequency modulation device is provided with an analog-digital conversion unit, a DC removing unit, a center frequency adding unit, an amplitude-frequency conversion unit, a digital-analog conversion unit and a transmit frequency conversion unit. The analog-digital conversion unit converts a sound signal into a digital signal. The DC removing unit integrates the digital signal, multiplies the integration result by a prescribed gain and subtracts the integration result from the digital signal to thereby remove a DC component. The center frequency adding unit adds digital data of a value corresponding to a center frequency to the digital signal from the DC removing unit. The amplitude-frequency conversion unit generates a digital signal for generating a signal of a frequency corresponding to a value indicated by the digital signal which the center frequency adding unit outputs. The digital-analog conversion unit converts the digital signal from the amplitude-frequency conversion unit into an analog signal. The transmit frequency conversion unit converts the analog signal from the digital-analog conversion unit into a signal of a prescribed transmit frequency and outputs the converted signal.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.3122/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ENCAPSULATED MAGNET ASSEMBLY AND PROCESS FOR MAKING

(51) International classification

:B25C

(31) Priority Document No

:12/940524

(32) Priority Date

:05/11/2010

(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, USA.

(72)Name of Inventor :

1)WEEBER, KONRAD ROMAN

2)VAN DAM, JEREMY DANIEL

3)ALI, MOHAMED AHMED

(57) Abstract :

A process of forming an encapsulated magnet assembly is provided, the process comprising welding a second portion of a housing cover formed of a non-magnetic material to a first portion of a housing cover formed of a magnetic material to provide a welded housing cover and subsequently heat-treating the welded housing cover at a temperature effective to relieve weld stress; disposing a magnet within a housing comprising at least one wall formed of the non-magnetic material and defining at least one aperture; and welding the heat treated welded housing cover to the housing such that the second portion of the housing cover is fixedly attached to the housing wall to hermetically seal the aperture. 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 : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.3123/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : APPARATUS FOR TRANSFERRING ENERGY USING ONBOARD POWER ELECTRONICS WITH HIGH-FREQUENCY TRANSFORMER ISOLATION AND METHOD OF MANUFACTURING SAME

(51) International classification	:B25C
(31) Priority Document No	:12/940110
(32) Priority Date	:05/11/2010
(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, USA.

(72)**Name of Inventor :**

1)STEIGERWALD, ROBERT LOUIS

2)KING, ROBERT DEAN

3)KUSCH, RUEDIGER SOEREN

(57) Abstract :

An apparatus for transferring energy using onboard power electronics with high-frequency transformer isolation includes a power electronic drive circuit (10,134,136,142,174,178) comprises a dc bus (52,176) and a first energy storage device (12) coupled to the dc bus (52,176). A first bi-directional dc-to-ac voltage inverter (54,144) is coupled to the first energy storage device (12) and to the dc bus (52,176), and a first electromechanical device (74,144) coupled to the first bi-directional dc-to-ac voltage inverter (54,144). A charging system (92) coupled to the dc bus (52,176) via a charge bus (94) comprises a receptacle (120) configured to mate with a connector (126) coupled to a voltage source (132) external to the power electronic drive circuit (10,134,136,142,174,178) and an isolation transformer (112) configured to electrically isolate the charge bus (94) from the receptacle (120). A controller (34,114) configured to cause the charging system (92) to supply a charging voltage to the dc bus (52,176) based on a voltage received from the voltage source (132) external to the power electronic drive circuit (10,134,136,142,174,178).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.3124/DEL/2011 A

(43) Publication Date : 11/01/2013

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

(51) International classification	:B25C	(71) Name of Applicant :
(31) Priority Document No	:P2010-250614	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:09/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YUUKI MATSUMURA 2)SHIRO SUZUKI
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An encoding apparatus includes a noise detector configured to detect noise included in a certain band in accordance with an audio signal, a gain controller configured to perform gain control on the audio signal so that components in the certain band of the audio signal are attenuated when the noise is detected by the noise detector, a bit allocation calculation unit configured to calculate the numbers of bits to be allocated to frequency spectra of the audio signal which have been subjected to the gain control performed by the gain controller in accordance with the frequency spectra, and a quantization unit configured to quantize the frequency spectra of the audio signal which have been subjected to the gain control in accordance with the numbers of the bits.

No. of Pages : 90 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.3125/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD OF PRODUCING PRINT PRODUCT AND PRINT PRODUCT PRODUCTION DEVICE

(51) International classification	:B25C	(71) Name of Applicant :
(31) Priority Document No	:2010-253130	1)KABUSHIKI KAISHA TOKYO KIKAI SEISAKUSHO Address of Applicant :SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8375, JAPAN
(32) Priority Date	:11/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SEZAKI HIROKI 2)GOTO HISASHI
(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 producing a print product comprises: performing digital printing of each surface of the print product, sequentially and repeatedly, on a continuous paper; forming a section by cutting the printing-completed continuous paper into a paper sheet and folding the paper sheet in two; forming a section block by at least one of sections; and folding the section block in two.

No. of Pages : 57 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.3126/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ROLLER MILL AND METHOD FOR COMMINUTING BRITTLE GRINDING STOCK

(51) International classification	:B25C	(71) Name of Applicant :
(31) Priority Document No	:10 2010 060 557.3	1)THYSSENKRUPP POLYSIUS AG Address of Applicant :GRAF-GALEN-STR. 17, 59269
(32) Priority Date	:15/11/2010	BECKUM GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)RUTHER THOMAS
Filing Date	:NA	2)PETERS ALEXANDER
(87) International Publication No	:NA	3)FRERICHS DANIEL
(61) Patent of Addition to Application Number	:NA	4)HORSTER NILS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A roller mill according to the invention for comminuting brittle grinding stock, comprises at least one grinding roller and a counter-surface, wherein the grinding roller comprises a shaft and a roller body that are connected to each other by means of a shrink fit. Furthermore, a heating unit for heating up the shaft in the region of the shrink fit is provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.3127/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STEREOSCOPIC IMAGING APPARATUS

(51) International classification	:B25C	(71) Name of Applicant :
(31) Priority Document No	:P2010-251750	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:10/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)MASAHIRO YAMADA 2)SUNAO AOKI
(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 stereoscopic imaging apparatus includes: an objective optical system having a function of imaging a subject as a real image or a virtual image; and plural imaging optical systems that image plural subject luminous fluxes output from different paths of the objective optical system again as parallax images using plural independent optical systems, wherein, in the case where a focal length value when the objective optical system images the subject as the real image is positive and the focal length value when the objective optical system images the subject as the virtual image is negative, a focal distance (f) of the objective optical system and a distance (L) from a rear principal point of the objective optical system to a front principal point of the imaging optical system is set to values that satisfy the following equation $| f/(L - f) | \leq 1$.

No. of Pages : 51 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.3128/DEL/2011 A

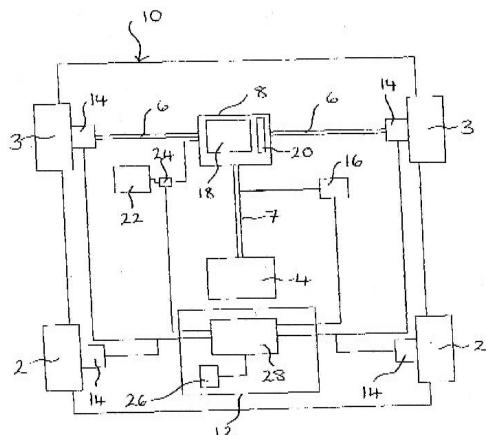
(43) Publication Date : 11/01/2013

(54) Title of the invention : A BRAKING APPARATUS FOR A VEHICLE AND A VEHICLE COMPRISING SAID BRAKING APPARATUS

(51) International classification	:B25C	(71)Name of Applicant :
(31) Priority Document No	:1018520.5	1)MERITOR TECHNOLOGY, LLC
(32) Priority Date	:03/11/2010	Address of Applicant :2135 WEST MAPLE ROAD, TROY
(33) Name of priority country	:U.K.	48084, MICHIGAN, UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RALF LEITER
(87) International Publication No	:NA	2)ROBERTO GIANONE
(61) Patent of Addition to Application Number	:NA	3)MARCO FRATELLI
Filing Date	:NA	4)MARCO BASSI
(62) Divisional to Application Number	:NA	5)CHIARA CESARI
Filing Date	:NA	6)FABIO SANTINATO

(57) Abstract :

The invention relates to a braking apparatus for a vehicle 10, in particular a heavy goods vehicle, the braking apparatus including a drive axle, such as the rear axle 6, having a transmission gear 18, such as a differential 18, around which the amount of oil for lubrication is variable, at least one friction brake 14 and at least one retarder 16, the at least one retarder 16 being capable of operating to slow the vehicle through the transmission gear. The braking apparatus comprises a brake operating device 12 for operating the at least one friction brake and the least one retarder, and means 20 for determining the oil level around the transmission gear. The brake operating device, on operation by a user, is arranged to apply the at least one retarder when the oil level around the transmission gear is above a threshold level, and, if the oil level is below the threshold level, the brake operating device is arranged to initiate an increase in the oil level around the transmission gear. Figure 1



No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/10/2011

(21) Application No.3048/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TRIAXIAL POSITIONER FOR AN ANTENNA

(51) International classification	:F17B
(31) Priority Document No	:1004178
(32) Priority Date	:25/10/2010
(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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2)GWENAEL TOR

3)PHILIPPE DESGARDIN

4)ALAIN BONNET

(57) Abstract :

The invention relates to a positioner P for an antenna (12) intended to be placed in a given or restricted volume, comprising, in combination, at least the following elements: a first axis Aa ensuring the movement of the antenna in azimuth, a third axis Ay ensuring the movement of the antenna in elevation, said third axis Ay being orthogonal and coplanar to the first axis Aa, a second axis of rotation A or cross-elevation axis positioned so as to intersect said first axis Aa and said third axis Ay at one and the same virtual point O, said virtual point O of intersection of the three axes Aa, A, Ay constituting the pivot point of the movements of said antenna mounted on the positioner. Figure 2A to be published

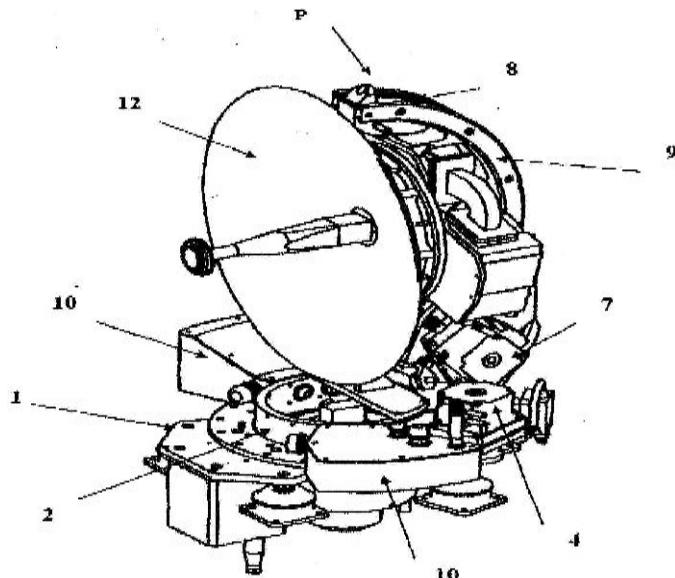


FIG.2A

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3062/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : QUICK ATTACH ARTICLE ASSEMBLY

(51) International classification

:F17B

(31) Priority Document No

:61/409790

(32) Priority Date

:03/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JENNIFER J. AUSTIN

2)SHMUEL DABI

3)JOHN F. POCCIA

(57) Abstract :

A quick-attach absorbent article assembly including a base assembly selectively attachable to a crotch region of an undergarment and a absorbent article selectively attachable to the base assembly. The base assembly is provided with a plurality of protrusions structured and arranged to engage and retain the absorbent article during use.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3100/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SOLENOID PUMP

(51) International classification

:H02K

(31) Priority Document No

:2010-

264540

(32) Priority Date

:29/11/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SHINANO KENSHI KABUSHIKI KAISHA

Address of Applicant :1078, KAMIMARUKO, UEDA-SHI,
NAGANO 386-0498, JAPAN

(72)Name of Inventor :

1)KODANI, MASAYUKI

(57) Abstract :

A prescribed amount of the pressurized fluid is repeatedly discharged from the fluid outlet of the main body section by supplying the fluid, which is sucked from the fluid inlet and pressurized by sequentially actuating the first valve body and the second valve body, into the pump chamber when the plunger is reciprocated by repeatedly energizing and de-energizing the stator coil.

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3101/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SOLAR CELL AND SOLAR CELL PRODUCTION METHOD

(51) International classification	:G01K
(31) Priority Document No	:10 2010 060 339.2
(32) Priority Date	:04/11/2010
(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

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(72)Name of Inventor :

1)MATTHIAS HOFMANN
2)ANDREY STEKOLNIKOV
3)ROBERT SEGUIN
4)MAXIMILIAN SCHERFF
5)ANDREAS MOHR

(57) Abstract :

The invention relates to a solar cell comprising a semiconductor substrate (1), a rear side passivation layer (2) arranged on a light-remote rear side surface (11) of the semiconductor substrate (1), a covering layer (3) arranged on the rear side passivation layer (2), and a metallization layer (4) arranged on the covering layer (3), characterized in that the covering layer (3) has a protective layer section (31) facing the rear side passivation layer (2) and a contact layer section (32) facing the metallization layer (4), wherein the contact layer section (32) has a higher refractive index than the protective layer section (31). Furthermore, the invention relates to a solar cell production method therefor. FIGURE 1

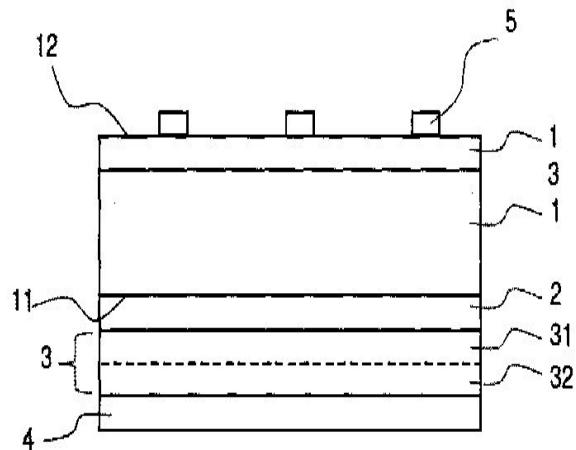


Fig. 1

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.3118/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SPEAKER APPARATUS

(51) International classification	:B25C	(71) Name of Applicant :
(31) Priority Document No	:P2010-251271	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:09/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)NOBUKAZU SUZUKI 2)YOSHIO OHASHI
(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 speaker apparatus includes: an actuator serving as a source of vibration; a vibration transmitting member connected to the actuator; and two sheet-like diaphragms provided opposite to each other in the thickness direction thereof with the vibration transmitting member and disposed in contact with the vibration transmitting member, wherein vibration generated at the actuator is transmitted to each of the two diaphragms through the vibration transmitting member to output sounds.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3135/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SEAL ARRANGEMENT

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:01877/10	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:09/11/2010	Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No	:NA	1)Vladimir Vassiliev
Filing Date	:NA	2)Fulvio Magni
(87) International Publication No	:NA	3)Sergey Anatolievich Chernyshev
(61) Patent of Addition to Application Number	:NA	4)Victor Vladimirovich Odinokov
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a seal arrangement (1) for a silo combustor. The seal arrangement (1) comprises a first casing (5) forming a passageway (7) for a gas and a second casing (6) forming a passageway (7) for a gas, whereby an end portion (19) of the first casing (5) is positioned radially inside of an upper portion of the second casing (6), the two cases (5, 6) form an overlapping region (10), whereby a segmented seal (11) is positioned to seal a radial gap (9) formed between the first casing (5) and the second casing (6) in the overlapping region (10). The first casing (5) is provided with at least one opening (20) in the region between two adjacent segments (13, 14) of the segmented seal (11). (Fig. 2)

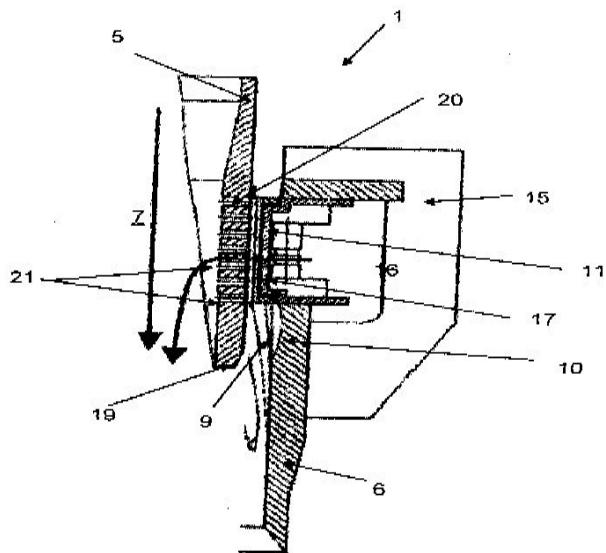


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.3112/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A BATTERY WITH EMBEDDED DETECTING UNITS

(51) International classification

:B41J

(31) Priority Document No

:201110026704.2

(32) Priority Date

:20/01/2011

(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 :

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SANTA CLARA, CALIFORNIA 95054 UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)SHANMING MA

2)MIN WANG

3)WEI ZHANG

4)WENBO ZHANG

5)SHAOLAN WANG

(57) Abstract :

A battery includes multiple battery cells separated by isolating plates, and multiple detecting units coupled to the battery cells and operable for detecting a status of the battery cells. The battery further includes multiple interfaces coupled to the detecting units and operable for receiving detecting results indicating the status from the detecting units. After the battery is airproofed, the battery cells and the detecting units are enveloped inside the battery.

No. of Pages : 67 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2011

(21) Application No.3114/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ARRANGEMENT AND METHOD FOR TRANSPORTING A WIND TURBINE ROTOR

(51) International classification	:B44C
(31) Priority Document No	:EP10194166
(32) Priority Date	:08/12/2010
(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)LYNDERUP; HENRIK FOMSGAARD

(57) Abstract :

Arrangement and method for transporting a wind turbine rotor. The invention relates to an arrangement for transporting a rotor of a wind turbine at sea comprising a vessel (16,26) having a deck (15,25). Moreover, the arrangement comprises at least one rotor (11,11',21,21') comprising in turn a hub (23) and at least one blade (12A,22A) affixed to the hub (23). The hub (23) is positioned on the deck (15,25) in such a way that the at least one blade (12A,22A) is at least partially located above the sea surface and that the center axis of the hub (23) is tilted in relation to the deck (15,25) so as to increase the distance between the at least one blade (12A,22A) and the sea surface. Furthermore, the invention relates to a method for transporting a wind turbine rotor (11,11',21,21') at sea on a vessel (16,26) having a deck (15,25); comprising the step of positioning a rotor (11,11',21,21') with a hub and a blade on the deck (15,25) in such a way that the center axis of the hub (3,23) is tilted in relation to the deck (15,25) so as to increase the distance between the blade (12A,22A) and the sea surface. FIG 2

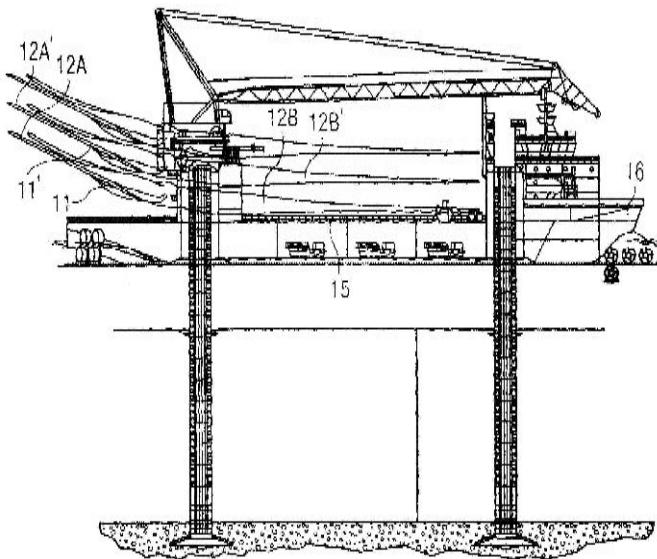


Fig: 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.3117/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CASE OF ELECTRONIC CONTROL UNIT FOR VEHICLE

(51) International classification	:B25C	(71) Name of Applicant :
(31) Priority Document No	:2010-253573	1)DENSO CORPORATION Address of Applicant :1-1 SHOWA-CHO KARIYA-CITY
(32) Priority Date	:12/11/2010	AICHI-PREF., 448-8661, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)TAKASHI MIHARA
(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 case of an electronic control unit for a vehicle includes a casing (2, 20), a cover (3), and a water guard canopy (4, 40). The casing has a bottom opening in a lower part of the casing and a side opening in a side part of the casing. The cover closes the bottom opening, and the electronic control unit has a connector arranged in the side opening. The water guard canopy restricts the connector from receiving water. The water guard canopy is located above the side opening, and has a canopy member (41, 410) protruding outward away from the side part of the casing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3140/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING A DRIVE OF A DRIVE SYSTEM OF A VEHICLE

(51) International classification	:B23B
(31) Priority Document No	:102010062884.0
(32) Priority Date	:13/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CERMAK, STEFAN

2)BERGMANN, EDGAR

3)RICHTER, JOHANNES

(57) Abstract :

A method for monitoring errors of a drive system of a vehicle (1) is described. The method comprises determining whether the vehicle (1) is in a coasting mode, where a drive of the vehicle does not determine a driving torque when overrun is detected; determining a temporal speed gradient threshold value based on a current vehicle speed; and detecting an error when a current vehicle speed present in the coasting mode exceeds a threshold value defined by a speed threshold value curve.

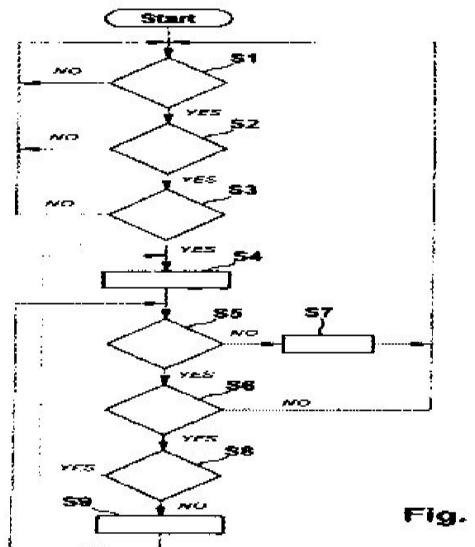


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3141/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FLOW GRID FOR A FLOW TUBE OF A FLOWING FLUID MEDIUM

(51) International classification	:B23B
(31) Priority Document No	:102010062892.1
(32) Priority Date	:13/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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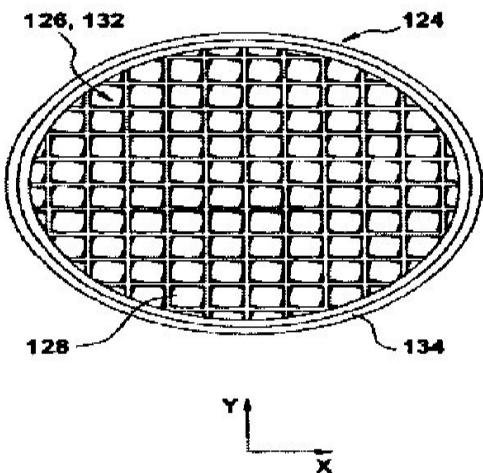
2)RENNINGER, ERHARD

3)WAGNER, ULRICH

(57) Abstract :

Described herein is a flow grid (124) for a flow tube (112) of a flowing fluid medium, particularly for influencing flow of the fluid medium in front of a sensor (116) for detecting at least one characteristic of the fluid medium. The flow grid (124) includes a plurality of passages (126). The passages (126) of the fluid medium extend in a main flow direction (114). The passages (126) include inlet openings (128) at ends opposite to the main flow direction (114) and outlet openings (130) at oppositely lying ends. According to the present subject matter, the passages (126) are disposed to produce plurality of vortices distributed over a cross section of the flow grid (124) with a rotational direction parallel to the main flow direction (114). FIG.2A

FIG. 2A



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.3130/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR APPLYING SERIES LEVEL OPERATIONS AND COMPARING IMAGES USING A THUMBNAIL NAVIGATOR

(51) International classification	:B64D
(31) Priority Document No	:12/954282
(32) Priority Date	:24/11/2010
(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

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2)CARROLL, JOSEPH

3)KLEM, DONNA

4)YUNKER, CHRISTOPHER

5)RABBANI, NAVEED

6)NOVATZKY, BENJAMIN

(57) Abstract :

An example image layout and display navigator system (100, 200, 600) includes a navigator (110, 200, 630) that includes a miniature layout representation (112, 130, 210) corresponding to the layout of images on the display. The navigator (110, 200, 630) is to appear on the display based on user action with respect to displayed content and to allow a user to select an image series via the miniature layout (112, 130, 210) and to select one or more series level operations (150, 240, 320, 420) for application to the image series via the miniature layout (112, 130, 210). The navigator (110, 200, 630) is to apply a selected series level operation (150, 240, 320, 420) to the image series via the miniature layout (112, 130, 210) based on user input. An action in one of the navigator (110, 200, 630) and the display is to translate into a corresponding action on the other of the navigator (110, 200, 630) and the display. A content display manager (610) is to update the content displayed to reflect the selected series level operation (150, 240, 320, 420) applied to the image series.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.3131/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BATTERY MANAGEMENT SYSTEMS AND METHODS

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:12/941,365	1)O2 MICRO, INC.
(32) Priority Date	:08/11/2010	Address of Applicant :3118 PATRICK HENRY DRIVE
(33) Name of priority country	:U.S.A.	SANTA CLARA, CALIFORNIA 95054 UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)WEI ZHANG
(61) Patent of Addition to Application Number	:NA	2)GUOXING LI
Filing Date	:NA	3)JIULIAN DAI
(62) Divisional to Application Number	:NA	4)LEI WANG
Filing Date	:NA	5)WENHUA CUI

(57) Abstract :

A battery management system includes a switch array, a first controller and a second controller. The switch array selects a battery module from multiple battery modules in a battery pack based upon a conduction state of the switch array. The first controller is coupled to the switch array and receives measurement information of cells in the battery pack through the switch array. The second controller is coupled to the switch array and the first controller and provides a control signal to control the conduction state of the switch array. The first controller further controls a balance circuit coupled to the battery pack to balance a selected battery module if the selected battery module is identified as an unbalanced battery module based upon measurement information associated with the selected battery module.

No. of Pages : 41 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3150/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ARTILLERY AMMUNITIONS LOADING SYSTEM

(51) International classification	:B23B
(31) Priority Document No	:TO2010A000897
(32) Priority Date	:10/11/2010
(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

2)MANUEL D'EUSEBIO

(57) Abstract :

Artillery ammunition loading system (100), configured to load ammunitions comprising at least one projectile in a cannon or a howitzer (11); said ammunition loading system is characterized in that it comprises a first mobile means (102a) for loading projectiles and a second mobile means (102b) for loading propelling charges, which alternatively and at least partially automatically feed said cannon or howitzer (11) for each firing cycle.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3151/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR CONTINUOUSLY PRODUCING THERMOPLASTICALLY PROCESSABLE POLYURETHANES

(51) International classification	:C07C
(31) Priority Document No	:102010050780.6
(32) Priority Date	:10/11/2010
(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)BAYER TECHNOLOGY SERVICES GMBH

Address of Applicant :51368 LEVERKUSEN, GERMANY

2)BAYER MATERIALSCIENCE AG

(72)Name of Inventor :

1)DR. JENS HEPPERLE

2)ULRICH LIESENFELDER

3)DR. WOLFGANG BRAUER

4)DR. WOLFGANG KAUFHOLD

5)ACHIM HASELER

(57) Abstract :

The invention relates to a process for continuously producing thermoplastically processable polyurethanes in a recycle reactor with flexibly adjustable mixing conditions.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3152/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ENCAPSULATED STATOR ASSEMBLY

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/942204	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:09/11/2010	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)STEPHENS, CHARLES MICHAEL
(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 provides an encapsulated stator assembly comprising: (a) a stator having a stator core and a stator end region; and (b) a ceramic bore tube defining a surface of the stator core; wherein the stator end region is disposed adjacent to the stator core, and wherein the stator end region comprises a plurality of stator armature end-windings, and wherein the stator end region comprises an inwardly-facing stator wall, and wherein the ceramic bore tube and the inwardly-facing stator wall define an interior volume configured to accommodate a rotor, said inwardly-facing stator wall having an inner surface and an outer surface, at least a portion of said inner surface comprising a barrier layer of a conductive metal selected from the group consisting of copper, silver and aluminum, said inwardly-facing stator wall comprising a corrosion resistant metal. Also provided are motors comprising the novel encapsulated stator assemblies.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3143/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : OUTSOLE TREAD PATTERN

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/940,126	1)SHOES FOR CREWS, LLC.
(32) Priority Date	:05/11/2010	Address of Applicant :1400 CENTRE PARK BOULEVARD,
(33) Name of priority country	:U.S.A.	SUITE 310, WEST PALM BEACH, FL 33401-7403, UNITED
(86) International Application No	:NA	STATES OF AMERICA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)RANDY N. LUBART
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A footwear sole includes an upper surface and a lower surface. The lower surface includes a plurality of tread members formed thereon. The tread members include a plurality of projections or lugs of various sizes and shapes which are grouped together into specific patterns. The material from which the projections are formed increases the shoe sole's ability to resist slipping on floor surfaces which are covered with oil, water, soap, etc. The shape and pattern of the projections or lugs enable them to resist flexing and disengaging the floor surface. This increases the footwear sole's ability to resist slipping.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3144/DEL/2011 A

(43) Publication Date : 11/01/2013

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

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:P2010-253832	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:12/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)NAOHIRO KOSHISAKA
(86) International Application No Filing Date	:NA :NA	2)TATSUO SHINBASHI
(87) International Publication No	:NA	3)KAZUHISA FUNAMOTO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)HIDEYUKI MATSUMOTO
(62) Divisional to Application Number Filing Date	:NA :NA	5)HIROSHI SHIROSHITA
		6)KENICHI MARUKO
		7)TATSUYA SUGIOKA

(57) Abstract :

Disclosed herein is a coding apparatus, including: a calculation section adapted to calculate, based on information of a transmission object, a linear code to be used for error detection of the information; a production section adapted to produce coded data including a plurality of sets of the information and the linear code calculated by the calculation section; and a transmission section adapted to transmit the coded data to a reception apparatus.

No. of Pages : 61 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3162/DEL/2011 A

(43) Publication Date : 11/01/2013

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

(51) International classification

:B23B

(31) Priority Document No

:12/953,353

(32) Priority Date

:23/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)O2 MICRO, INC.

Address of Applicant :3118 PATRICK HENRY DRIVE
SANTA CLARA, CALIFORNIA 95054 UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)YUNG LIN LIN

2)CHING-CHUAN KUO

3)SHENG-TAI LEE

(57) Abstract :

Embodiments in accordance with the present invention provide circuits and methods for driving light sources, e.g., a light-emitting diode (LED) light source. In one embodiment, a lamp includes a rectifier rectifying an AC voltage to a rectified AC voltage, an LED light source, and a switch coupled to the LED light source in series controlling a current through the LED light source according to a predetermined current reference. The LED light source and the switch coupled in series receive the rectified AC voltage while the switch is controlled linearly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3163/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LOCK WITH TWO PROFILE STRIPS AND SLIDERS FOR CONNECTING AND SEPARATING SUCH LOCKS

(51) International classification	:B23B
(31) Priority Document No	:20 2010 015 525.8
(32) Priority Date	:18/11/2010
(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)FLECOTEC AG

Address of Applicant :HAUPTSTR. 83, 79379 MUELLHEIM GERMANY

(72)**Name of Inventor :**

1)GUENTER UNTCH

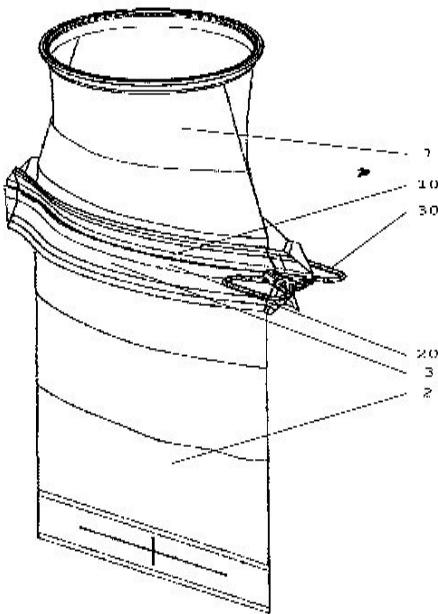
2)PETER LAIS

3)MARTIN KOCH

(57) Abstract :

The invention relates to a lock (10, 20) with two profile strips (11, 12; 21, 22) for an at least partially flexible bundle (1, 2) for environmentally-sealed connection of a first bundle (1) with a second bundle (2) in a closed docking position and for environmentally-sealed guidance of a flow in a flow direction (D) through the lock (10, 20) from the first bundle (1) into the second bundle (2) in an open docking position. The second bundle (2) exhibits an identical lock (10, 20) facing toward the first bundle (1), which [lock] in the opened docking position is engaged with the lock (10, 20) of the first bundle (1) and jointly with the lock (10, 20) of the first bundle (1) forms a channel (3) for flow in the flow direction (D). Additionally the invention relates to a slider (30) for connecting and separating such locks (10, 20), comprising an insertion side (31) on which the locks (10, 20) are insertable in the insertion directions (A, B) which enclose an acute angle (γ) in which slider (30) is insertable, and opposite the insertion side (31) an outlet side (32) on which the locks (10, 20) connected there with each other can be removed in a joint sliding direction (C) from the slider (30). 6 figures

Fig. 6



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.3182/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DRIVE UNIT FOR A HIGH-PRESSURE PUMP

(51) International classification :F03B
(31) Priority Document No :102010063317.8
(32) Priority Date :17/12/2010
(33) Name of priority country :Germany
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART, GERMANY
(72)Name of Inventor :
1)GAERTNER, OLIVER
2)SCHULLER, WOLFGANG
3)GOSSE, DANIEL
4)SCHUESSLER, MICHAEL

(57) Abstract :

The present subject matter describes a drive unit (10) for a high-pressure pump. The drive unit (10) includes a cylindrical roller shoe (12) made up of plastic and a roller (16) accommodated in a recess (14) of the roller shoe (12). The roller (16) interacts with a transmission means (18). The roller shoe (12) has an integrated high-pressure sealing ring (20).

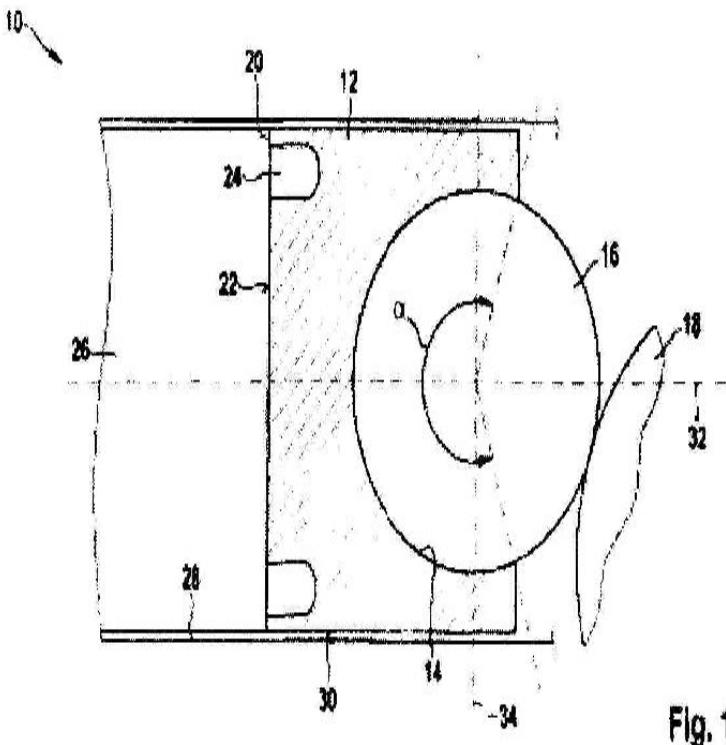


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2011

(21) Application No.3183/DEL/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN OIL YIELDING FUNGAL CONSORTIUM AND METHOD OF OIL EXTRACTION FROM SAME

(51) International classification	:C12N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE ENERGY AND RESOURCES INSTITUTE (TERI)

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COMPLEX, LODI ROAD, NEW DELHI 110 003 India

(72)Name of Inventor :

1)DR. NUTAN KAUSHIK

2)MR. SUSHHEL KUMAR

(57) Abstract :

The resent invention attempts to develop an oil yielding fungal consortium from the existing natural sources and subsequently characterize a method protocol for oil extraction from the fungal consortium in question. The invention further goes on to detail a model for the generation of an effective biofuel from the oil extract of the fungal consortium in question.

No. of Pages : 30 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.3183/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONTROL DEVICE FOR VEHICLE

(51) International classification	:F03B	(71) Name of Applicant :
(31) Priority Document No	:2010-253021	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN
(32) Priority Date	:11/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SHOGO MIYAZAKI
(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 control device for a vehicle includes a motor configured to drive wheels, a high-voltage battery configured to supply electric power to the motor, and a battery charger configured to charge the high-voltage battery by using a power supply outside the vehicle. The control device further includes a failure detection unit configured to detect a specific failure, and a drive prohibition unit configured to prohibit driving of the vehicle. The drive prohibition unit prohibits the driving of the vehicle when the failure is detected by the failure detection unit in an initial check before start of driving of the vehicle and when the high-voltage battery is charged by using the power source outside the vehicle immediately before the initial check.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.3184/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD OF PRODUCING UNIFORM LIGHT TRANSMISSION FUSION DRAWN GLASS

(51) International classification

:F03B

(31) Priority Document No

:12/943,282

(32) Priority Date

:10/11/2010

(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)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING,
NEW YORK 14831, UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)DOUGLAS CLIPPINGER ALLAN
2)KENNETH WILLIAM ANOLEK
3)EUNYOUNG PARK
4)KIAT CHYAI KANG**

(57) Abstract :

In a method of making a glass sheet using an overflow fusion downdraw process, a glass sheet quality metric level Q1 is selected, where Q1 is a measure of allowable retardation in the glass sheet. A glass ribbon temperature T1 at which a potential glass ribbon thermal artifact could occur in a glass ribbon while the glass ribbon is being drawn through a drawing machine enclosure is identified. A thermal artifact envelope E1 is determined, where E1 contains types of glass ribbon thermal artifacts allowable at T1 and Q1. A glass melt is overflowed from an isopipe to form a glass ribbon at the root of the isopipe. The glass ribbon is drawn below the root of the isopipe through the drawing machine enclosure to form the glass sheet. The drawing machine enclosure is altered at a location corresponding to where the glass ribbon would be at T1 such that during drawing of the glass ribbon the potential glass ribbon thermal artifact is not formed in the glass ribbon at T1 or, if the potential glass ribbon thermal artifact is formed in the glass ribbon at T1, the potential glass ribbon thermal artifact is within E1.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.3185/DEL/2011 A

(43) Publication Date : 11/01/2013

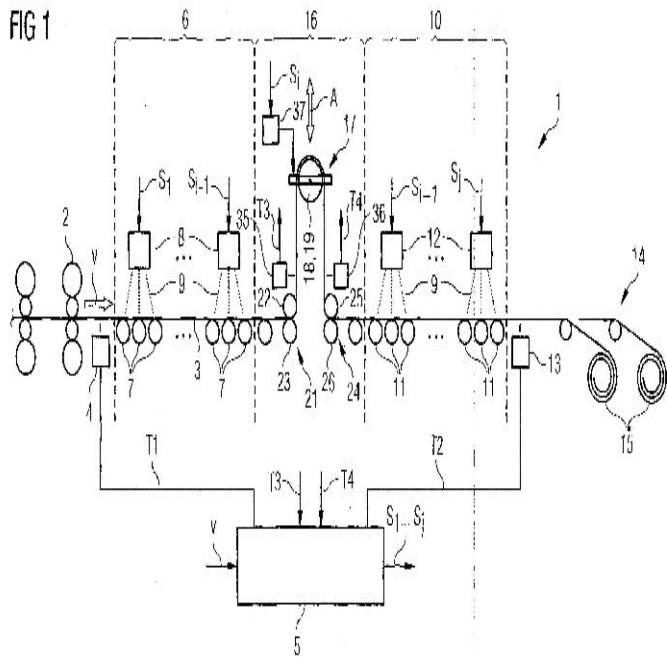
(54) Title of the invention : COOLING SECTION COMPRISING AN INTEGRATED VERTICAL STRIP ACCUMULATOR

(51) International classification	:F03B	(71) Name of Applicant :
(31) Priority Document No	:EP10196383	1)SIEMENS VAI METALS TECHNOLOGIES GMBH
(32) Priority Date	:22/12/2010	Address of Applicant :TURMSTRASSE 44, 4031 LINZ, AUSTRIA
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)GERALD HOHENBICHLER
Filing Date	:NA	2)JOSEF LANSCHUETZER
(87) International Publication No	:NA	3)BERND LINZER
(61) Patent of Addition to Application Number	:NA	4)ALOIS SEILINGER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cooling section (1) for cooling a metal strip (3), in particular a steel strip (3), has a front, a middle and a rear cooling section portion (6, 16, 10), through which the metal strip (3) passes in succession in this order. The front cooling section portion (6) has front cooling devices -(8), by means of which a cooling medium (9) can be applied to the metal strip (3) as it passes through the front cooling section portion (6). The rear cooling section portion (10) has rear cooling devices (12), by means of which a cooling medium (9) can be applied to the metal strip (3) as it passes through the rear cooling section portion (10). The middle cooling section portion (16) has a vertical strip accumulator (17), by means of which the metal strip (3) can be buffered. Figure 1

FIG 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3153/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONCENTRATING A SOLID FUEL IN A SLURRY

(51) International classification

:B23B

(31) Priority Document No

:12/941757

(32) Priority Date

:08/11/2010

(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)MAZUMDAR, ANINDRA

2)THACKER, PRADEEP STANLEY

(57) Abstract :

According to various embodiments, a system includes a first cross-flow filter (10, 186) configured to remove at least a first portion of a liquid from a fuel slurry to increase a concentration of a solid fuel in the fuel slurry. The system also includes a gasifier (106) configured to generate a syngas from the fuel slurry.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.3174/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STEREOSCOPIC DISPLAY DEVICE

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:P2010-257042	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:17/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)TSUYOSHI OHYAMA 2)GORO HAMAGISHI
(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 device includes: a two-dimensional display unit that displays p viewpoint videos, which are spatially divided, within one screen; and an optical device that optically splits the p viewpoint videos displayed on the display unit so as to enable a stereoscopic view at p viewpoints . The display unit includes unit pixels each formed from sub-pixels that display r types of colors necessary for a color video display, and the sub-pixels that emit light of different colors are arranged so as to be adjacent to each other in a same row in a screen horizontal direction. Each of the p viewpoint videos is displayed in n sub-pixel rows, each of which is configured by the sub-pixels aligned in a first direction other than the screen horizontal direction and which are consecutive in the screen horizontal direction, in the screen horizontal direction on a cycle of (p x n) rows.

No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8509/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : USING A BIT MASK TO OBTAIN A UNIQUE IDENTIFIER

(51) International classification	:H04Q 11/00
(31) Priority Document No	:12/433,355
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051913
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/125546
(61) Patent of Addition 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 :SE-164 83 STOCKHOLM (SE)

Sweden

(72)Name of Inventor :

1)JULIEN, MARTIN

2)GORDON, DAVID

3)BELIVEAU, LUDOVIC

4)BRUNNER, ROBERT

(57) Abstract :

Methods and communication nodes for assigning unique identifiers to a plurality of nodes. A plurality of data values are maintained in memory, each being associated to one of the nodes. A bit mask value is obtained that, when applied to the plurality of data values, produces a plurality of unique identifiers. The bit mask value is made available to the nodes thereby assigning a unique identifier to each of the nodes.

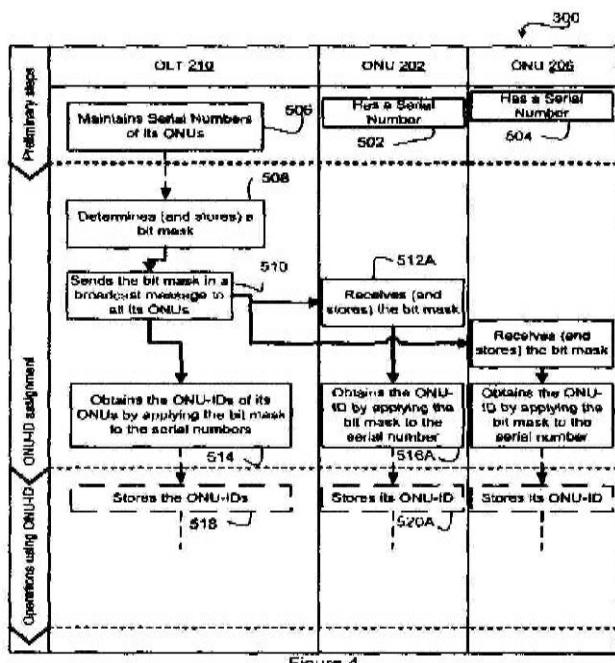


Figure 4

No. of Pages : 32 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8512/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LITHIUM DERIVATIVES OF PYRROLOQUINOLINE QUINONE AND PREPARATION METHOD THEREOF

(51) International classification	:C07D 471/04	(71) Name of Applicant :
(31) Priority Document No	:200910048873.9	1)SHANGHAI RIXIN BIO-TECHNOLOGY CO., LTD
(32) Priority Date	:03/04/2009	Address of Applicant :ROOM 804, BUILDING 2, LANE 446
(33) Name of priority country	:China	ZHAOJIABANG RD., XUHUI DISTRICT SHANGHAI 200031,
(86) International Application No	:PCT/CN2010/071382	CHINA
Filing Date	:29/03/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/111934	1)CHUN-JIN ZHONG
(61) Patent of Addition to Application Number	:NA	2)QING YANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Lithium derivatives of pyrroloquinoline quinone and preparation method thereof are disclosed. In said method, lithium derivatives of pyrroloquinoline quinone are obtained by an acid-base neutralization reaction in a basic solvent with pyrroloquinoline quinone (PQQ) as a starting material. Lithium ion is brought in the molecular structure of pyrroloquinoline quinone to form said lithium derivatives of pyrroloquinoline quinone. The reaction condition of said method is mild, the product is easy to be purified, the preparation procedure is simple, and the yield is more than 80 %. Said lithium derivatives of pyrroloquinoline quinone possess GSK-3 inhibiting activity and possess the functions such as reducing the formation of age pigment in the brain of a transgenic mouse and reducing the phosphorylation of tau proteins. Said lithium derivatives of pyrroloquinoline quinone may be used in the manufacture of medicaments for preventing and treating senile dementia, senility or Parkinson's disease.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8515/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COMMUNICATION APPARATUS, COMMUNICATION METHOD, COMPUTER PROGRAM, AND COMMUNICATION SYSTEM

(51) International classification	:H04J 99/00	(71) Name of Applicant :
(31) Priority Document No	:2009-113869	1)SONY CORPORATION
(32) Priority Date	:08/05/2009	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/JP2010/056920	1)YUICHI MORIOKA
Filing Date	:19/04/2010	2)RYOTA KIMURA
(87) International Publication No	:WO 2010/128622	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Even when the lengths of data items to be transmitted to users are not the same, the frames multiplexed at the same time finally have the same frame length and are transmitted. Even when the lengths of frames for the users are not the same at the time when a transmission request is received from a higher layer, a communication apparatus reconfigures at least two of the frames having short lengths into a frame having a long length through Aggregation so that the frames finally have the same frame length and transmits the frames at the same time in a multiplexed manner. On the transmitter side, the transmission power used per destination communication station can be increased due to a decrease in the total number of multiplexed frames. On the receiver side, an unstable AGC operation can be prevented.

No. of Pages : 66 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3146/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BOX SUPPORT STRUCTURE FOR INSTRUMENT PANEL

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-251581	1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-ken JAPAN
(32) Priority Date	:10/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)IWAMOTO Kazuhito 2)AZUMA Kenzaburo
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 engaging portion 11 provided at an article storage box 10 pivotally engages with an axle portion 7 provided at a peripheral edge portion 4S of an opening 4 of an instrument panel 1 so that the article storage box 10 can swing so as to be switchable between a closed state and an opened state. The article storage box 10 includes a box body 20 and a lid 30. The engaging portion 11 is provided at one of the box body 20 and the lid 30 and a support portion 27 receiving and supporting the engaging portion 11 on a side of the engaging portion 11 opposite to a side of the engaging portion 11 on which a force applied from the axle portion 7 to the engaging portion 11 is exerted is provided at the other of the box body 20 and the lid 30.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3147/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DOOR TRIM

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-258839	1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-ken JAPAN
(32) Priority Date	:19/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)NAGAMURA Kentaro 2)YAMAUCHI Taku 3)MIZUTO Ryusei
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 door trim includes: a pocket 43 opened at an upper side thereof and capable of housing a sheet shaped article 13; and a stepped portion 14 being provided at one end portion in a door longitudinal direction of a pocket bottom portion 42 and protruding upward. The door trim is compatible with any state of: a first housing state in which the sheet shaped article 13 in a tilted state is placed on an upper surface 14J of the stepped portion 14 and on the other end portion 42M in the door longitudinal direction of the pocket bottom portion 42; and a second housing state in which another sheet shaped article 23 larger than the sheet shaped article 13 is vertically placed on the pocket bottom portion 44 but not on the stepped portion 14.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.3188/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : REINFORCEMENT ASSEMBLY FOR USE WITH A SUPPORT TOWER OF A WIND TURBINE

(51) International classification	:F03B
(31) Priority Document No	:12/943607
(32) Priority Date	:10/11/2010
(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

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NEW YORK 12345, USA.

(72)Name of Inventor :

1)PAURA, INGO

2)KARACA, HUESEYIN

(57) Abstract :

A reinforcement assembly (52) for use with a wind turbine tower (12), the wind turbine tower including a first tower member (46) coupled to a second tower member (48) is provided. The reinforcement assembly including a first reinforcement member (122) coupled to the first tower member, a second reinforcement member (124) coupled to the second tower member, and a tension member (136) coupled between the first reinforcement member and the second reinforcement member, the tension member configured to at least partially transfer a bending load from the first tower member to the second tower member.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8521/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEMS AND PROCESSES FOR COMBINING DIFFERENT TYPES OF SEEDS

(51) International classification	:A01C 1/00
(31) Priority Document No	:61/175,038
(32) Priority Date	:03/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033132
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/129410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MONSANTO TECHNOLOGY LLC

Address of Applicant :800 NORTH LINDBERGH BOULEVARD, ST. LOUIS, MISSOURI 63167 USA.

(72)**Name of Inventor :**

1)DAVIS JEFFREY SCOT

2)KREJCAREK MICHAEL

3)BOYCE GREG

4)FUHRMAN JAMES E.

5)KELPE DAVID

(57) Abstract :

A process and system are provided for preparing seed mixes having a target quantity and a target ratio of different types of seeds. The process generally includes portioning quantities of different types of seeds from bulk supplies of the seeds, and combining the portioned quantities of seeds to prepare the seed mixes. The system generally includes first and second dispensing assemblies for portioning the quantities of the different types of seeds from the bulk supplies, and a mixing assembly for receiving the portioned quantities of seeds as the seed mixes. The combined quantities of the different types of seeds in the seed mixes are substantially equal to the target quantity, and a ratio of the quantities of the different types of seeds is substantially equal to the target ratio.

No. of Pages : 57 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8523/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PARTICULATE FILTER WITH LOW SOOT LOADED COATING

(51) International classification	:F01N 3/035
(31) Priority Document No	:61/182,313
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035913
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/138438
(61) 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)DAVID HENRY

2)MAXIME MORENO

3)CHRISTOPHE MICHEL REMY

(57) Abstract :

A ceramic particulate filter having a porous catalytic material deposited on walls within the filter. Particulate matter is trapped in the walls of the filter and the catalytic material removes gases, such as nitrogen oxides (NOx), from gases passing through the filter. The filter, in one embodiment, is adaptable for use with internal combustion (gas and diesel) engines. A method of making the filter is also described.

No. of Pages : 33 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8524/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : IMPROVED TEMPORARY BRIDGE

(51) International classification	:E01D 15/12
(31) Priority Document No	:0953010
(32) Priority Date	:06/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/053319
Filing Date	:15/03/2010
(87) International Publication No	:WO 2010/127894
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ETS A. DESCHAMPS ET FILS

Address of Applicant :USINE DE BOURISSON BP N° 20, F-16400 LA COURONNE, FRANCE

(72)Name of Inventor :

1)GEORGES-PAUL DESCHAMPS

(57) Abstract :

The invention relates to a temporary bridge including two spans (1, 2), each comprising at least three bridge elements (3-5) to be stacked when the bridge is in a first so-called non-deployed position. Said bridge elements (3-5) are pivotably connected to one another, wherein two consecutive bridge elements (3-5) are connected to one another by at least two linking arms (7-9, 12, 13) mounted on the same side edge of said bridge elements (3-5). According to the invention, two consecutive linking arms (7-9, 12, 13) form a regular parallelogram with the two consecutive bridge elements connected by said arms, which can be deformed such that the movement of one bridge element relative to a bridge element immediately below in the stack of a span (1, 2) in said non-deployed position of said bridge causes the circular translation of said bridge element relative to said bridge element of said span immediately below. For at least one of said spans, at least one of the linking arms (8, 12, 13) is shared by three consecutive bridge elements. The bridge comprises a means for moving each bridge element (3, 4) stacked on another bridge element (4, 5) in the first position between said first position and a second position, referred to as a deployed position, in which the bridge elements are coupled together to form the bridge.

No. of Pages : 51 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8526/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BLUING COMPOSITION AND METHOD FOR TREATING TEXTILE ARTICLES USING THE SAME

(51) International classification	:C11D 3/40	(71) Name of Applicant :
(31) Priority Document No	:61/175,631	1)MILLIKEN & COMPANY
(32) Priority Date	:05/05/2009	Address of Applicant :920 MILLIKEN ROAD, M-495
(33) Name of priority country	:U.S.A.	SPARTANBURG, SOUTH CAROLINA 29303, UNITED
(86) International Application No	:PCT/US2010/000551	STATES OF AMERICA
Filing Date	:25/02/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/129006	1)CARLOS ILAO JR.
(61) Patent of Addition to Application Number	:NA	2)KHENG TECK CHAN
Filing Date	:NA	3)RAJNISH BATLAW
(62) Divisional to Application Number	:NA	4)ZHEN LIM
Filing Date	:NA	

(57) Abstract :

A bluing composition concentrate comprises an aqueous medium and at least one colorant that exhibits a blue or violet shade when deposited onto a textile material. The concentrate can be used to produce a bluing composition, and the bluing composition can be used to treat textile materials in such a way as to decrease the visually-perceived yellow coloration of textile articles that can occur with repeated use and laundering.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8527/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COMMUNICATION APPARATUS, COMMUNICATION METHOD, COMPUTER PROGRAM, AND COMMUNICATION SYSTEM

(51) International classification	:H04W 72/04	(71) Name of Applicant :
(31) Priority Document No	:2009-113871	1)SONY CORPORATION
(32) Priority Date	:08/05/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/054580	1)YUICHI MORIOKA
Filing Date	:17/03/2010	2)RYOTA KIMURA
(87) International Publication No	:WO 2010/128608	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Communication operations are optimally conducted by applying space-division multiple access in which wireless resources on a spatial axis are shared among a plurality of users. By applying an RD protocol to a communication system that conducts space-division multiple access, spatially multiplexed frames in a TXOP are made more efficient. By specifying a frame length for reverse direction frames with reverse direction permission information and having respective transmitters of reverse direction frames make their frame lengths uniform while respecting the specification, AGC operation stabilizes. Also, a transmit start time for reverse direction frames can be specified by reverse direction permission information, and respective transmitters of reverse direction frames can transmit frames at the same time while respecting the specification.

No. of Pages : 72 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8528/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STABLE TOPICAL COMPOSITIONS FOR 1,2,4-THIADIAZOLE DERIVATIVES

(51) International classification	:A61K 31/155
(31) Priority Document No	:61/172,526
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032186
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124175
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)JANSSEN PHARMACEUTICAL, INC.

Address of Applicant :1125 TRENTON-HARBOURTON RD., TITUSVILLE, NJ 08560, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)CHENGJI CUI

2)SHIRLEY MEI-KING NG

3)GEORGE WONG

4)MOHAMMED YUSUF

5)FA ZHANG

(57) Abstract :

The present application provides a stable topical composition comprising a compound of 1,2,4-thiadiazole derivatives and the related thiourea derivatives. The stable topical composition may be present in various forms, including aqueous gel, cream, and emulsion. The stable topical composition may be stored at refrigerated or ambient condition for a reasonable shelf-life. The present application also provides a method of treating dermatologic disorders mediated by a melanocortin receptor using the stable topical composition. The stable composition may be delivered using a single chamber or dual chamber device. A method of preparing and delivering the stable composition is also provided.

No. of Pages : 40 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3138/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : IMAGING APPARATUS, IMAGING DISPLAY CONTROL METHOD, AND PROGRAM

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	252613	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:11/11/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)JUNICHIRO GOTO
Filing Date	:NA	2)TAKUYA ARAI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An image processing apparatus including an interface that receives an input identifying a subject, and a processor that controls a display to display information indicating a position of the subject in a graphic representation corresponding to a panoramic image based on an orientation of a device capturing image data for generating the panoramic image.

No. of Pages : 149 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3156/DEL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : NAVIGATION SYSTEM AND NAVIGATION METHOD HAVING TRAFFIC INTERFERENCE DETECTION FUNCTION

(51) International classification	:B23B
(31) Priority Document No	:102010043673.9
(32) Priority Date	:10/11/2010
(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)CAKMAK, MEHMET

(57) Abstract :

Described herein is a navigation system (10) having a traffic interference detection function. The navigation system (10) includes a unit (26) for detection of a traffic interference using data of a driving condition of a vehicle, a vehicle position and a street category.

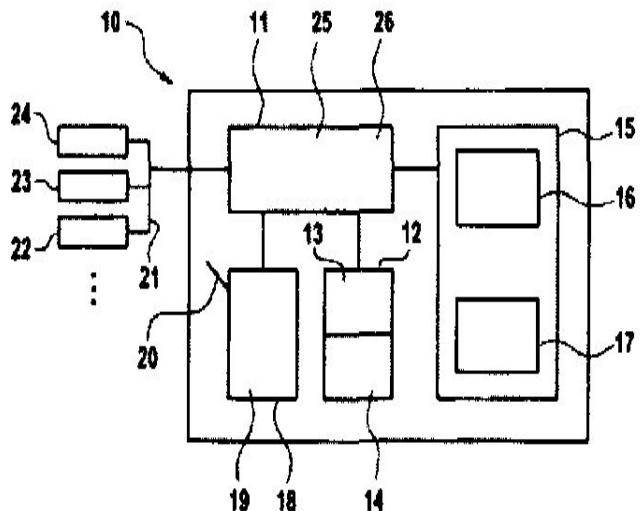


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8508/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR FAULT DISCOVERY IN A PASSIVE OPTICAL NETWORK (PON)

(51) International classification	:H04B 10/08
(31) Priority Document No	:61/174,243
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2010/050037
Filing Date	:15/01/2010
(87) International Publication No	:WO 2010/126427
(61) Patent of Addition 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 :SE-164 83 STOCKHOLM (SE)
Sweden

(72)Name of Inventor :

1)DAHLFORT, STEFAN

(57) Abstract :

An apparatus and method for fault indication and localization in a Passive Optical Network (PON) comprising a multistage power splitter (100, 200, 300) with at least one 1:N splitter (120, 221, 222, 321, 322) followed by N items of 2:M splitters (131, 132, 231-233, 331-336), wherein N and M are integers greater than 1. The apparatus also comprises an Optical Time Domain Ref lectometry (OTDR) device (110, 210, 310) capable of inserting an OTDR signal into the power splitter (100, 200, 300), and adapted to insert the OTDR signal between the first stage of the at least one 1 :N splitter (120, 221, 222, 321, 322) and the second N items of 2 :M splitters (131, 132, 231-233, 331-336).

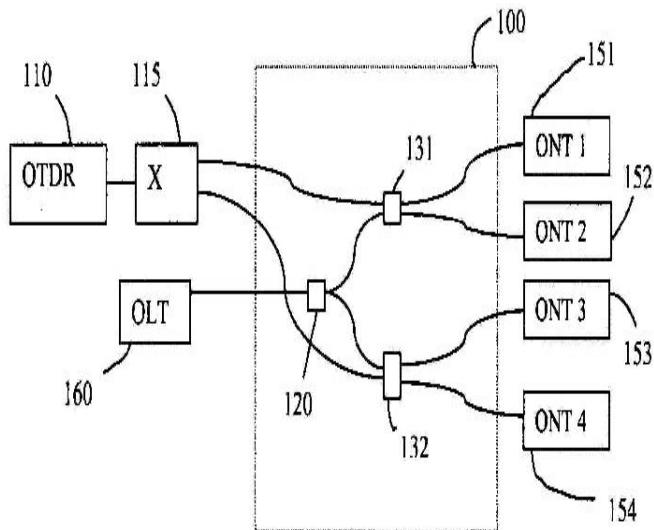


Fig. 1

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8538/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : RECEIVER AND METHOD FOR TWO-STAGE EQUALIZATION WITH SEQUENTIAL TREE SEARCH

(51) International classification	:H04L 25/03
(31) Priority Document No	:12/419,053
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051447
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/116309
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KHAYRALLAH, ALI S.

2)BOTTOMLEY, GREGORY E.

(57) Abstract :

A receiver (500) and method are described herein that address inter-symbol interference in a received signal (508) by using a two-stage equalizer (502) which includes a first demodulation stage (504) that processes the received signal and produces initial symbol decisions (510), and a non-linear equalization second stage (506) that uses the received signal to perform a sequential search in an attempt to improve upon the initial symbol decisions where if able to improve upon the initial symbol decisions then an output sequence (512) is obtained from the sequential search and if not able to improve upon the sequence metric threshold then the output sequence is the initial symbol decisions.

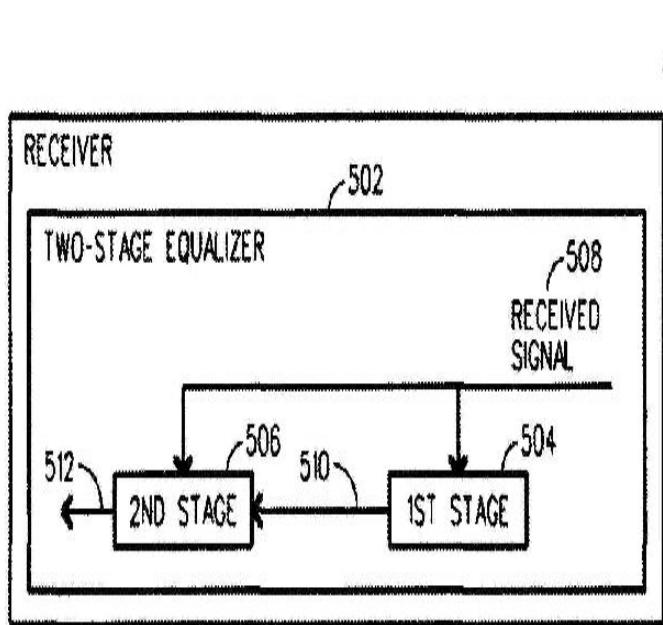


FIG. 5

No. of Pages : 51 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8539/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : POLYURETHANE AND MANUFACTURING METHOD THEREFOR, MASTER BATCH, INK BINDER, INK COMPOSITION, THERMOPLASTIC POLYMER COMPOSITION FOR MOLDING, MOLDED BODY, AND COMPOSITE MOLDED BODY AND MANUFACTURING METHOD THEREFOR

(51) International classification	:C08G 18/61
(31) Priority Document No	:2009-111520
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/003094 :30/04/2010
(87) International Publication No	:WO 2010/125828
(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)DOW CORNING TORAY CO., LTD.

Address of Applicant :5-1, OTEMACHI 1-CHOME,
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(72)Name of Inventor :

- 1)OTOMO, TAKAYOSHI**
 - 2)TSUJI, YUICHI**
 - 3)KIHARA, KATSUMI**
 - 4)SAITO, HIDEKAZU**
 - 5)YAMANA, YOSHIHIRO**
 - 6)HATTORI, KAZUMASA**
-

(57) Abstract :

The present invention provides a polyurethane which is non-sticky, exhibits superior handling properties and superior moldability, and has superior adhesive properties with silicones even if a surface activation treatment is not carried out beforehand. The polyurethane of the present invention contains palyol units and organic polyisocyanate units. The polyol units contain an alkenyl group-containing organopolysiloxane structure in an amount ranging from 0.01 to 20% by weight with respect to the weight of the aforementioned polyurethane.

No. of Pages : 97 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8543/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR MODULATING RETINOL BINDING TO RETINOL BINDING PROTEIN 4 (RBP4)

(51) International classification	:C07D 261/08
(31) Priority Document No	:61/168,720
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030843
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/120741
(61) 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

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(72)**Name of Inventor :**

1)PETRASSI HANK MICHAEL JAMES

2)TULLY DAVID C.

3)MASICK BRIAN T.

4)NGUYEN BAO

(57) Abstract :

The present invention relates to compositions and methods for modulating retinol binding to retinol binding protein 4 (RBP4). In particular, the present invention provides compounds having Formula (1) or (2) wherein R1, R2, R3, R4, R5, R6, Y1, Y2, Y3, Y4 and m are as defined above.

No. of Pages : 60 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8530/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD OF TRANSMITTING DATA IN A WIRELESS COMMUNICATION SYSTEM AND AN APPARATUS THEREOF

(51) International classification	:H04L 27/26
(31) Priority Document No	:60/569,103
(32) Priority Date	:07/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US05/015040 :29/04/2005
(87) International Publication No	:WO 2005/114939
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:6891/DELNP/2006 :20/11/2006

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)STEIN A. LUNDBY

2)STEVEN J. HOWARD

3)JAY RODNEY WALTON

(57) Abstract :

A method of transmitting data in a wireless communication system, comprising: obtaining input symbols to be transmitted on a plurality of frequency subbands of a plurality of antennas; modifying an input symbol for each frequency subband of each antenna with a phase shift selected for the frequency subband and the antenna to generate a phase-shifted symbol for the frequency subband and the antenna; and processing phase-shifted symbols for the plurality of frequency subbands of each antenna to obtain a sequence of samples for the antenna. FIG. 1

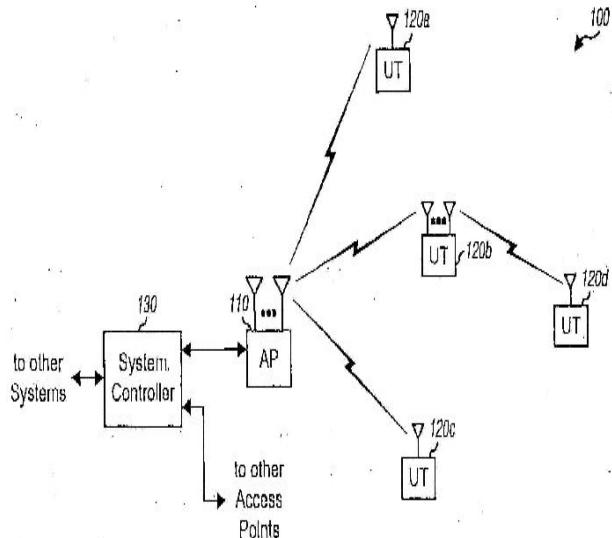


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8532/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINATION OF NETWORK AND CONDITIONAL EXECUTION OF APPLICATIONS AND PROMOTIONS

(51) International classification	:H04W 4/20
(31) Priority Document No	:12/422,927
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030253
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/120608
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CEQUINT, INC.

Address of Applicant :1011 WESTERN AVENUE, SUITE 800 SEATTLE, WASHINGTON 98104, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)MARK GOSSELIN

2)RICK HENNESSEY

(57) Abstract :

System and method for determining whether an incoming call originates from inside or outside of a mobile carriers network. An example system performs a GTT (global title translation) on an incoming number to determine the hosting carrier of any mobile phone number. After the result of the matching determination is made, a message is generated and sent to a caller associated with the call page. The generated message includes any of directory information associated with the subscriber, information associated with cost savings or comparisons associated with in-network calling, information regarding promotions for calling plans, mobile devices or device upgrades, requests to join a network, requests to join a social call plan, information regarding instant savings or call rebates, offers for online services or software, offers for reduced cost or free phone service in exchange for adoption of a predefined product or entering into a social network group.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8535/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DISPOSABLE HANDHELD PHACOMORCELLATION DEVICE

(51) International classification	:A61B 17/32
(31) Priority Document No	:61/167,492
(32) Priority Date	:07/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030296
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/118172
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DOHENY EYE INSTITUTE

Address of Applicant :1450 SAN PABLO STREET, DEI
1900, LOS ANGELES, CA 90033, USA.

(72)Name of Inventor :

1)LUE, JAW-CHYNG, LORMEN

2)MCCORICK,MATTHEW

3)KERNS, RALPH

(57) Abstract :

Disposable handheld phacomorcellation devices and methods for removing lens fragments from an eye of a patient are disclosed. In one embodiment, the phacomorcellation device includes a stationary outer tubular cutting member and a rotatable inner cutting member positioned within the stationary outer tubular cutting member. The outer tubular cutting member and the rotatable inner cutting member each include at least one cutting port having at least one cutting edge. The at least one cutting edge of the outer tubular cutting member and the at least one cutting edge of the inner cutting member cooperate to form a bird beak cutting structure as the inner cutting member rotates with respect to the outer cutting member. The cutting port of the outer tubular cutting member can be substantially closed during rotation of the inner cutting member, thereby preventing lens fragments from floating toward a posterior region of the eye.

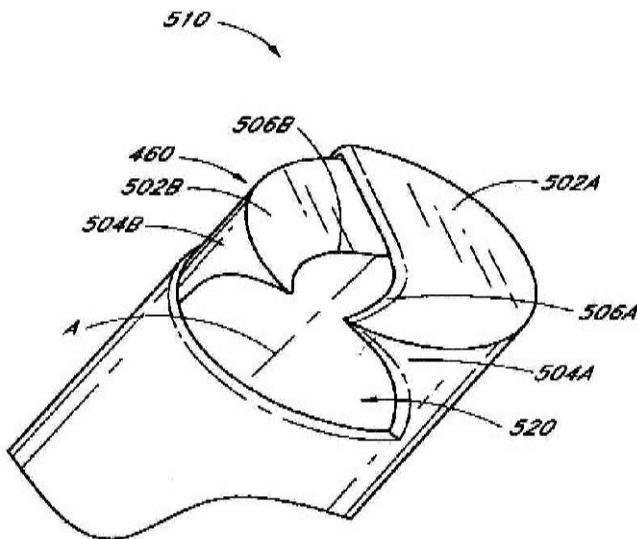


FIG. 5A

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8536/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ISOTOPE PRODUCTION SYSTEM AND CYCLOTRON HAVING A MAGNET YOKE WITH A PUMP ACCEPTANCE CAVITY

(51) International classification	:H05H 13/00
(31) Priority Document No	:12/435949
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/031394 :16/04/2010
(87) International Publication No	:WO 2010/129157
(61) 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, USA.

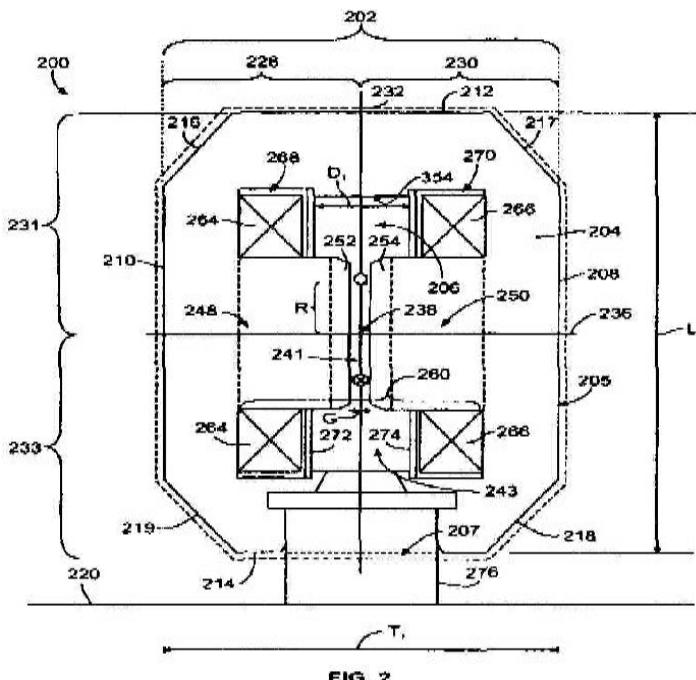
(72)Name of Inventor :

1)NORLING, JONAS

2)ERIKSSON, TOMAS

(57) Abstract :

A cyclotron that includes a magnet assembly to produce a magnetic field to direct charged particles along a desired path. The cyclotron also includes a magnet yoke that has a yoke body that surrounds an acceleration chamber. The magnet assembly is located in the yoke body. The yoke body forms a pump acceptance (PA) cavity that is fluidically coupled to the acceleration chamber. The cyclotron also includes a vacuum pump that is configured to introduce a vacuum into the acceleration chamber. The vacuum pump is positioned in the PA cavity.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8516/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FIBROUS SUBSTRATE MANUFACTURING PROCESS AND USES OF SUCH A FIBROUS SUBSTRATE

(51) International classification	:C08J 5/00	(71) Name of Applicant :
(31) Priority Document No	:0953135	1)ARKEMA FRANCE
(32) Priority Date	:12/05/2009	Address of Applicant :420, RUE D'ESTIENNE D'ORVES, F-92705 COLOMBES, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050892	1)PATRICE GAILLARD
Filing Date	:07/05/2010	2)ALEXANDER KORZHENKO
(87) International Publication No	:WO 2010/130930	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process for manufacturing a fibrous substrate in which the fibrous substrate comprises an assembly of one or more continuous fibres such as fabrics, or an assembly of short fibres such as felts and nonwovens that may be in the form of strips, laps, braids, locks or pieces, characterized in that it comprises: impregnation of the said fibrous substrate with an organic polymer or a mixture of organic polymers containing carbon nanotubes (CNTs), and then: - heating the said impregnated fibrous substrate up to the softening point of the polymer, the heating being performed by microwave irradiation or by induction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8518/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BIODEGRADABLE IMPLANT AND METHOD FOR MANUFACTURING SAME

(51) International classification

:A61L 27/04

(31) Priority Document No

:10-2009-0035267

(32) Priority Date

:22/04/2009

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2010/002542

Filing Date

:22/04/2010

(87) International Publication No

:WO 2010/123302

(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)U&I CORPORATION

Address of Applicant :529-1, YONGHYEON-DONG,
UIJEONGBU-SI, GYEONGGI-DO 480-050, REPUBLIC OF
KOREA

(72)**Name of Inventor :**

1)KOO JA-KYO

2)SEOK HYUN-KWANG

3)YANG SEOK-JO

4)KIM YU-CHAN

5)CHO SUNG-YOUN

6)KIM JONG-TACK

(57) Abstract :

This invention relates to a biodegradable implant including magnesium, wherein the magnesium contains, as impurities, (i) manganese (Mn); and (ii) one selected from the group consisting of iron (Fe), nickel (Ni) and mixtures of iron (Fe) and nickel (Ni), wherein the impurities satisfy the following condition: $0 < \text{(ii)} / \text{(i)} \leq 5$, and an amount of the impurities is 1 part by weight or less but exceeding 0 parts by weight based on 100 parts by weight of the magnesium, and to a method of manufacturing the same.

No. of Pages : 51 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8549/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STEAM CELL TARGETING

(51) International classification	:A61K 38/19	(71) Name of Applicant : 1)GLAXO GROUP LIMITED Address of Applicant :GLAXO WELLCOME HOUSE, BERKELEY AVENUE, GREENFORD MIDDLESEX UB6 0NN UNITED KINGDOM
(31) Priority Document No	:61/181,814	
(32) Priority Date	:28/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/EP2010/057283	(72) Name of Inventor :
Filing Date	:26/05/2010	1)BALLARD, VICTORIA
(87) International Publication No	:WO 2010/136508	2)BATUWANGALA, THIL DINUK
(61) Patent of Addition to Application Number	:NA	3)COULSTOCK, EDWARD
Filing Date	:NA	4)DE AGELIS, ELENA
(62) Divisional to Application Number	:NA	5)EDELBERG, JAY
Filing Date	:NA	6)ENEVER, CAROLYN
		7)HOLMES, STEVE
		8)JAWAD-ALAMI, ZAHRA

(57) Abstract :

The present invention describes an antigen-binding construct comprising a first agent which binds to a stem cell specific marker molecule and a second agent which binds to a tissue specific marker molecule. In particular, the invention describes a construct wherein the tissue specific marker is a muscle specific marker molecule. Such a construct may be used in a pharmaceutical composition for use in muscle regeneration or heart disease.

No. of Pages : 553 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8550/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COATINGS WITH SMALL PARTICLES THAT EFFECT BULK PROPERTIES

(51) International classification	:C23C 4/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/045068
Filing Date	:22/05/2009
(87) International Publication No	:WO 2010/134925
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MICROPYRETTICS HEATERS INTERNATIONAL

Address of Applicant :750 REDNA TERRACE,
CINCINNATI, OHIO 45215, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)SEKHAR, JAINAGESH A.

2)REDDY, GANTA S.

(57) Abstract :

Durable interactive coatings which may be deposited on a substrate which impact bulk properties i.e. bulk modifying coatings, and a method and apparatus for producing them. Such coatings can include a plurality of particles which adhere to the substrate surface and/or other particles and include films. The particles can be provided as one or more layers of nanoscale particles having an average size of less than about 1000 nm, 800 nm, 500 nm, or 200 nm or 100 nm or less than 50 nm. Such bulk modifying coatings can have a thickness that is less than about 5000 nm, 800 nm, 500 nm, or 250 nm or even 200 nm. Thicker coatings or thinner coatings are provided depending on the potential field thermodynamic interaction of the substrate and particles for bulk property enhancement. Corresponding films are also provided.

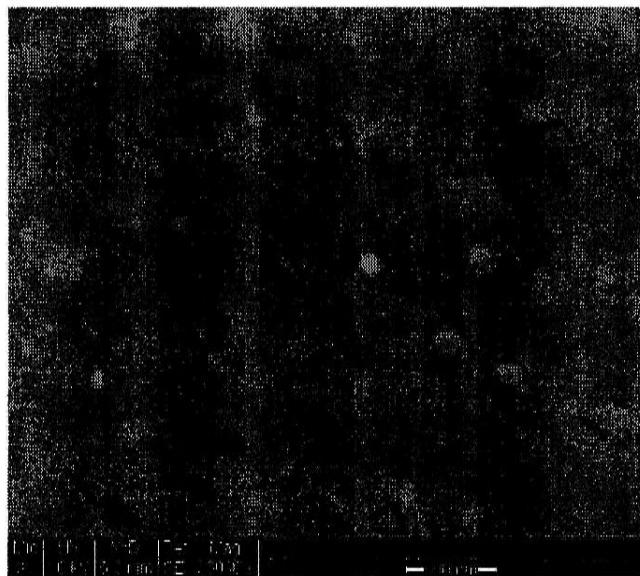


Figure 5.

No. of Pages : 65 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8551/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : REMOTE INK SUPPLY

(51) International classification	:B41J 2/175
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/044350
Filing Date	:18/05/2009
(87) International Publication No	:WO 2010/134905
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Address of Applicant :11445 COMPAQ CENTER DRIVE, WEST HOUSTON, TX 77070, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)TANNER, CHRISTOPHER, S.
2)PINGEL, JAMES
3)OTIS, DAVID R.

(57) Abstract :

Apparatus and methods are provided. A supply of ink within a flexible bag is located apart from a printer. A fluid conduit couples the supply of ink to the printer by way of a connecting head. The connecting head includes a pump driven by a mechanical actuator of the printer. Operation of the pump causes a flow of ink from the flexible bag to a printhead of the printer. Pump failure is detected and interpreted as an out-of-ink condition, and user notification and/or cessation of printing operations are automatically performed.

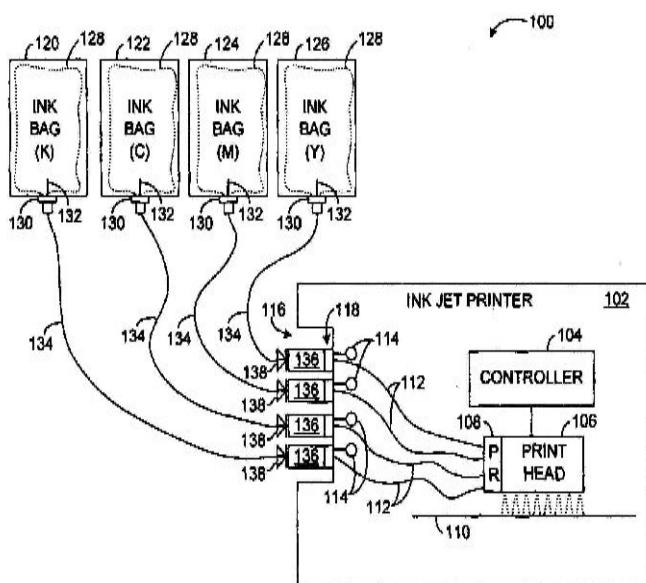


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8544/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHODS OF MAKING LITHIUM VANADIUM OXIDE POWDERS AND USES OF THE POWDERS

(51) International classification	:C01G 31/00	(71) Name of Applicant :
(31) Priority Document No	:61/181,319	1)CONOCOPHILLIPS COMPANY
(32) Priority Date	:27/05/2009	Address of Applicant :IP SERVICES GROUP-600 N. DAIRY ASHFORD, BLDG. ML-1065 HOUSTON, TEXAS 77079 USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/035969	1)MAO ZHENHUA
Filing Date	:24/05/2010	2)CAREL MARK W.
(87) International Publication No	:WO 2010/138458	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods relate to making lithium vanadium oxide powders. Applications for the lithium vanadium oxide powders include use as a negative electrode or anode material for lithium ion batteries. Liquid phase reactions and reduction in vanadium oxidation state of precursor material facilitate in the making of the lithium vanadium oxide powders. Particles forming the lithium vanadium oxide powders may further contain carbon to provide electrical conductivity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8546/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONTINUOUS PROCESS ASSISTED BY ULTRASOUND OF VARIABLE FREQUENCY AND AMPLITUDE FOR THE PREPARATION OF NANOCOMPOSITES BASED ON POLYMERS AND NANOPARTICLES

(51) International classification	:B29B 7/30	(71)Name of Applicant :
(31) Priority Document No	:MX/A/2009/003842	1)NANOSOLUCIONES S.A. DE C.V. Address of Applicant :CANAL DE LA MANCHA 2800, COL. FRANCISCO I. MADERO, C.P. 52172 METEPEC, MEXICO
(32) Priority Date	:08/04/2009	2)CENTRO DE INVESTIGACION EN QUIMICA APLICADA
(33) Name of priority country	:Mexico	(72)Name of Inventor :
(86) International Application No	:PCT/MX2010/000032	1)AVILA-ORTA, CARLOS ALBERTO 2)MARTINEZ COLUNGA, JUAN GUILLERMO 3)BUENO BAQUEZ, DARIO 4)RAUDRY LOPEZ, CRISTINA ELIZABETH 5)CRUZ DELGADO, VICTOR JAVIER 6)GONZALEZ MORONES, PABLO 7)VALDEZ GARZA, JANETT ANAID 8)ESPARZA JUAREZ, MARIA ELENA 9)ESPINOZA GONZALEZ CARLOS JOSE 10)RODRIGUEZ GONZALEZ, JOSE ALBERTO
Filing Date	:07/04/2010	
(87) International Publication No	:WO 2010/117253	
(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 continuous mixing/extrusion method, assisted by ultrasound waves with a variable amplitude and frequency, for the preparation of nanocompounds based on polymers, preferably thermoplastics and nanoparticles, at a concentration of up to 60 wt.-% of the total weight of the polymer/nanoparticle mixture. According to the invention, the polymer/nanoparticle mixture is subjected in the molten state to a discrete and continuous sweep with a variable amplitude and frequency, of between 15 kHz and 50 kHz.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8567/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROLINE DERIVATIVES AS CATHEPSIN INHIBITORS

(51) International classification	:C07D 207/16
(31) Priority Document No	:09158212.2
(32) Priority Date	:20/04/2009
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2010/054792 :13/04/2010
(87) International Publication No	:WO 2010/121918
(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)F. HOFFMANN-LA ROCHE AG

Address of Applicant :GRENZACHERSTRASSE 124, CH-4070 BASEL, SWITZERLAND

(72)Name of Inventor :

1)ALVAREZ SANCHEZ, RUBEN

2)BANNER, DAVID

3)CECCARELLI, SIMONA M.

4)GRETHER, UWE

5)HAAP, WOLFGANG

6)HARTMAN, PETER

7)HARTMANN, GUIDO

8)HILPERT, HANS

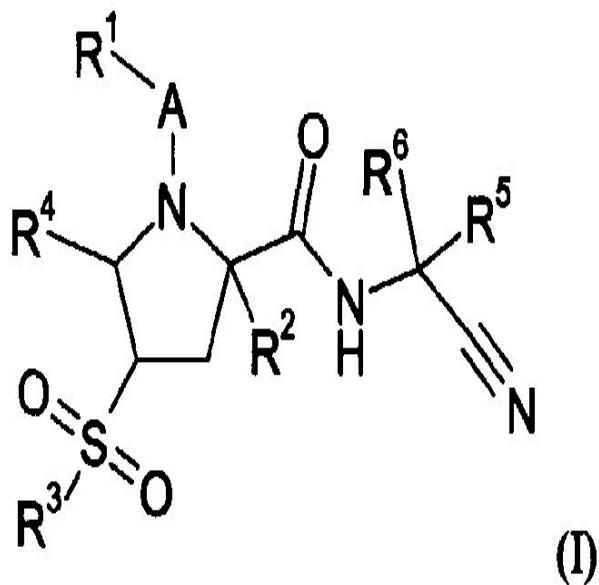
9)KUEHNE, HOLGER

10)MAUSER, HARALD

11)PLANCHER, JEAN-MARC

(57) Abstract :

The invention relates to a compound of formula (I) wherein A, R1-R6 are as defined in the description and in the claims. The compound of formula (I) can be used as a medicament.



No. of Pages : 455 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8568/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PATIENT SPECIFIC ALIGNMENT GUIDE FOR A PROXIMAL FEMUR

(51) International classification	:A61B 17/17
(31) Priority Document No	:61/176,455
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034043
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/129870
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SMITH & NEPHEW, INC.

Address of Applicant :1450 BROOKS ROAD, MEMPHIS, TN 38116, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)ASHLEY M. SNIDER

2)BRYAN I. NISHIMOTO

3)MATTHEW J. DEMMER

4)DAVID MEHL

5)TIMOTHY J. BOURNE

6)JAMES GATEWOOD

7)PHILLIP FREDERICK

8)ABRAHAM B. SALEHI

(57) Abstract :

An alignment guide for aligning instrumentation along a proximal femur includes a neck portion configured to wrap around a portion of the neck of the femur, a head underside portion configured to abut a disto-lateral portion of the femoral head and a medial head portion configured to overlie a medial portion of the head. Portions of the guide can have an inner surface generally a negative of the femoral bone of a specific patient that the guide overlies; such surfaces can be formed using data obtained from the specific patient. The neck portion can be configured to rotationally stabilize the guide by abutting and generating a first gripping force on the neck. The femoral head portions can be configured to grip the head portion of the femur and can support a bore guide that is configured to guide an instrument to the femur in a specified location and along a given axis.

No. of Pages : 54 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8572/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ELECTRIC SCREWDRIVER FOR SPINAL FIXATION

(51) International classification	:A61B 17/70
(31) Priority Document No	:10-2009-0038959
(32) Priority Date	:04/05/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/001252
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/128754
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KIM, YOUNG, WOO

Address of Applicant :202-807 HANSHIN 4TH APT., JAMWON DONG, SEOCHO GU, SEOUL 137-949, REPUBLIC OF KOREA

(72)Name of Inventor :

1)KIM, YOUNG, WOO

(57) Abstract :

Provided is an electric screwdriver for spinal fixation. The electric screwdriver for spinal fixation inserts a screw into the spine of a human body and comprises: a joint rod to one end of which the screw is coupled and the other end of which is coupled to a motor; a main body including a motor that is rotatable in the forward and reverse directions, a power transmitting unit for transmitting a rotating force of the motor to the joint rod, an electrical energy supply unit for supplying electrical energy to the motor, and a case, one end of which has a first holding portion to be held by one hand of a surgeon and which accommodates the motor, the power transmitting unit, and the electrical energy supply unit; a second holding portion coupled to an outer circumferential surface of the case such that the second holding portion is rotatable relative to the case and can be held by the other hand of the surgeon; and an automatic/manual operating unit which enables the second holding portion to be fixed on the case when the screw is inserted by operating the motor, and enables the second holding portion to be rotatable relative to the case when the motor stops operating and the surgeon manually inserts the screw.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8529/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COMMUNICATION UNIT AND METHOD FOR FREQUENCY SYNCHRONISING IN A CELLULAR COMMUNICATION NETWORK

(51) International classification	:H04W 56/00	(71) Name of Applicant : 1)IP. ACCESS LIMITED Address of Applicant :BUILDING 2020, CAMBOURNE BUSINESS PARK, CAMBOURNE, CAMBRIDGE CAMBRIDGESHIRE CB23 6DW, UNITED KINGDOM
(31) Priority Document No	:0906110.2	
(32) Priority Date	:08/04/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/EP2010/053642	
Filing Date	:19/03/2010	
(87) International Publication No	:WO 2010/115696	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A communication unit comprises receiver circuitry for receiving radio frequency (RF) signals from at least one wireless serving communication unit, and a signal processing logic module. The signal processing logic module is arranged to decode system information within received RF signals transmitted by the at least one wireless serving communication unit, determine whether the wireless serving communication unit supports a restricted access communication cell based on the decoded system information, and decide whether RF signals received from that at least one wireless serving communication unit are suitable as a timing signal source when synchronising an operating frequency of the communication unit based at least partly on the determination.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8557/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LOW PROFILE ADHESIVE MOUNTED FIXTURE BUTTON

(51) International classification	:F16B 11/00
(31) Priority Document No	:61/186,725
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037019
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/144281
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)CHARLES, G. HUTTER III

(57) Abstract :

A fixture button for adhesive securement to a substrate, said fixture button comprising: a central plate; an outer backstop structure; a plurality of at least three over-center spokes extending radially between said central plate and said outer backstop structure; and adhesive means carried by said central plate for adhesively securing the fixture button to a substrate; said over-center spokes initially supporting said central plate in an advanced position relative to said outer backstop structure, said central plate being landable on the substrate and movable to a retracted position relative to said outer backstop structure to displace said over-center spokes to a relatively low profile and substantially co-planar orientation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8558/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : REVERSIBLE RADIATOR

(51) International classification	:F24F 1/00
(31) Priority Document No	:09/03044
(32) Priority Date	:23/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000321
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/149865
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MICHEL CINIER

2)STEPHANE CINIER

(57) Abstract :

The invention relates to a reversible radiator characterised in that it comprises: - ventilation means formed by a plurality of propeller fans (2) arranged next to one another along the shaft of symmetry of the front wall (33) of the casing (3); - an exchanger (1) established in at least two modules (13) and (14) arranged on each side of the row of fans (2), parallel thereto; - an air inlet opening (31) formed by longitudinal openings arranged on each outer side of each exchanger module (13, 14), parallel thereto; - a calorie or frigorie accumulation and diffusion plate (4) arranged at a distance from the front wall (33) of the casing (3) and sized to allow the forced passage of heated or cooled air and its diffusion into the room between the periphery (34) of the casing (3) and the periphery of said plate (4), perpendicular thereto. Drawing for the Abstract: Figure 1

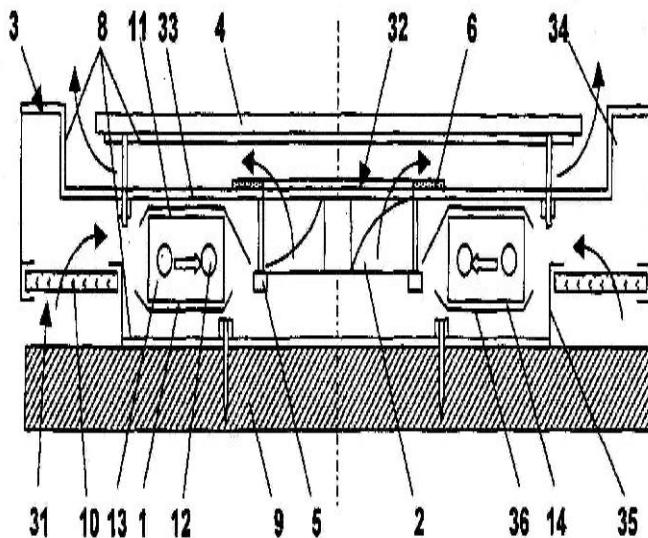


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8560/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SMOKING ROOM WITH THE AIR RENEWED BY A LAMINAR FLOW

(51) International classification	:F24F 7/10
(31) Priority Document No	:0902010
(32) Priority Date	:24/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/001201
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/131112
(61) Patent of Addition 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 :34 RUE PLANTAMOUR, 1201
GENEVE, SWITZERLAND

(72)Name of Inventor :

1)VAHE KELPENTIDJIAN

(57) Abstract :

A relaxation space, particularly a smoking room, of the type comprising means of renewing the air (25), which means are provided with supply means (8) and suction means (20), said renewing means consisting of holes (16) distributed over the entire floor (13) and the ceiling (9) of this space, characterized in that the holes (16) at least in the floor (13) consist of at least two portions, namely a downstream portion (16a) opening into said relaxation space and an upstream portion (16b) larger in cross section than the downstream portion opening onto the other side of the floor (13).

No. of Pages : 28 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8537/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : VARIABLE CAPACITANCE INTEGRATED ELECTRONIC CIRCUIT MODULE

(51) International classification	:H01L 23/522
(31) Priority Document No	:0952992
(32) Priority Date	:05/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055982
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/128017
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

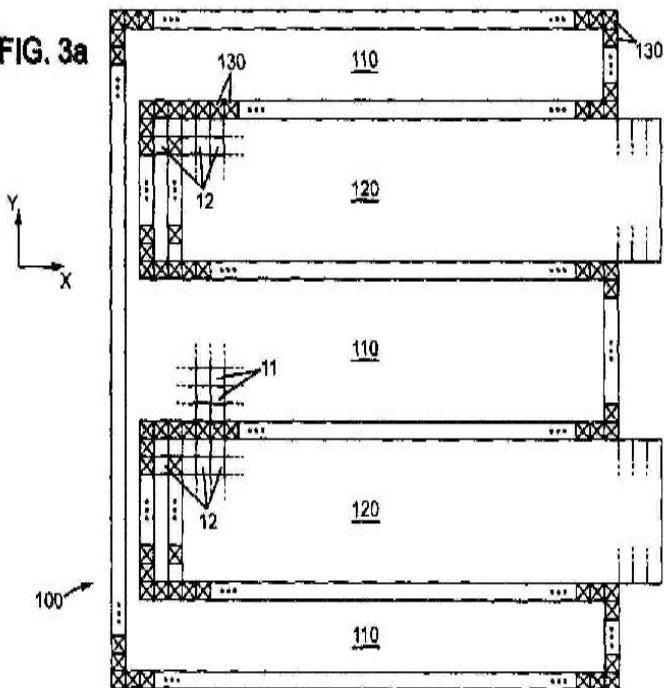
1)HERAULT, GUILLAUME

2)MARIE, HERVE

(57) Abstract :

A digitally controlled variable capacitance integrated electronic circuit module (100) comprises a set of basic cells in a matrix arrangement. Each basic cell itself comprises a functional block (11) which can be switched between two individual capacitance values, a control block (12), and a control junction connecting the control block and the functional block of said basic cell. The functional blocks and the control blocks are grouped into separate regions (110, 120) of the matrix arrangement, to reduce capacitive interaction between output paths and power supply paths of the module. The functional blocks can still be switched in a winding path order within the matrix arrangement. A module of the invention can be used in an oscillator capable of producing a signal at 4 GHz.

FIG. 3a



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8579/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : KIT AND METHOD FOR PREPARATION OF A DEGARELIX SOLUTION

(51) International classification	:A61J 1/20
(31) Priority Document No	:09006116.9
(32) Priority Date	:06/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/001125
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/128394
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WIDERSTROM CARIN

(57) Abstract :

A kit for the preparation of a Degarelix solution for administration to a patient comprises a first chamber containing lyophilised Degarelix, a second chamber containing water for injection, a means for transferring the water from the first chamber to the second chamber, a means for delivery of the Degarelix to the patient and an automatic mixing apparatus. The mixing apparatus is adapted to receive the first chamber to mix the Degarelix and water for injection to produce the solution. In a specific embodiment of a kit, a vortex mixer (150) is adapted for receiving a vial (120) by the addition of a vial guide sleeve (200) that allows the vial to be seated on the mixer. During mixing the syringe (130) stays attached to the vial (120) at the coupling (144) to prevent contamination of the contents of the vial. The mixer is also provided with an intensity setting dial (210) and an indication of the optimum intensity (220) for mixing the Degarelix product.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8580/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AUTOMATIC ANALYZER AND ANALYSIS METHOD

(51) International classification	:G01N 35/00
(31) Priority Document No	:2009-113138
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002631
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/128575
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KAMIHARA KUMIKO

2)MITSUYAMA SATOSHI

3)MIMURA CHIHIRO

4)MANRI CHIHIRO

(57) Abstract :

In known automatic analyzers for detecting an abnormality by approximating reaction process data using a function, accuracy of detecting a reaction abnormality is degraded because of poor approximation accuracy depending on test items. Data processing means stores the absorbance and time of day at which the absorbance is measured as time-series data. Letting x denote absorbance, t denote time, and \cdot denote a symbol representing multiplication, we have a function $x = a_0 + a_1 \exp(-k_1 t) + a_2 \exp(-k_2 t)$. Values of parameters a_0 , a_1 , a_2 , k_1 , and k_2 are calculated so that a difference between the absorbance at the measured time calculated using the above expression and the time-series data is minimal, and presence of an abnormality is determined based on the parameter values.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8581/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MEDICAL KNIFE

(51) International classification	:A61B 17/3211	(71) Name of Applicant :
(31) Priority Document No	:2009-268787	1)NAKAMURA SHOICHI
(32) Priority Date	:26/11/2009	Address of Applicant :1468, HIGASHIJO, CHIKUHOKUMURA, HIGASHICHIKUMA-GUN, NAGANO 3997502, JAPAN
(33) Name of priority country	:Japan	2)ACP JAPAN CO., LTD.
(86) International Application No	:PCT/JP2010/071076	(72) Name of Inventor :
Filing Date	:26/11/2010	1)NAKAMURA SHOICHI
(87) International Publication No	:WO 2011/065453	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a medical knife which enables the angle of the blade with respect to the grasp portion to be varied with ease without requiring attaching and detaching of the blade and is safe, hygienic and excellent in visibility, the medical knife has a knife body having a grasp portion, a blade and a blade holder portion for holding the blade, a blade cover that covers part of the knife body, and a lock portion that permits the blade cover to be locked in a storage portion for storing the blade in the knife body and in an exposure position for exposing the blade from the knife body, the lock portion permits the blade cover and the knife body to be locked in the storage position and a plurality of exposure positions, and the angles of the blade exposed in the plurality of exposure positions are made mutually different.

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8552/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD FOR INSERT MOLDING GLASS OR AN INORGANIC MATERIAL

(51) International classification	:B29C 45/14
(31) Priority Document No	:200903358-0
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/SG2010/000016
Filing Date	:22/01/2010
(87) International Publication No	:WO 2010/132023
(61) Patent of Addition 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)ALCAZAR, ROSS

2)MENG, JIE

(57) Abstract :

The present invention relates to insert molding. A glass lens or an inorganic material is inserted into a front housing unit. The glass lens or an inorganic material is aligned within the front housing unit such that the glass lens or an inorganic material lies within the inside of the front housing unit. A thermobond adhesive is applied onto the glass lens or the inorganic material. During the insert molding process, a molten resin is injected into the space formed by the glass lens or the inorganic material and the front housing unit. The molten resin flows around the glass lens or the inorganic material and forms an insert molded part.

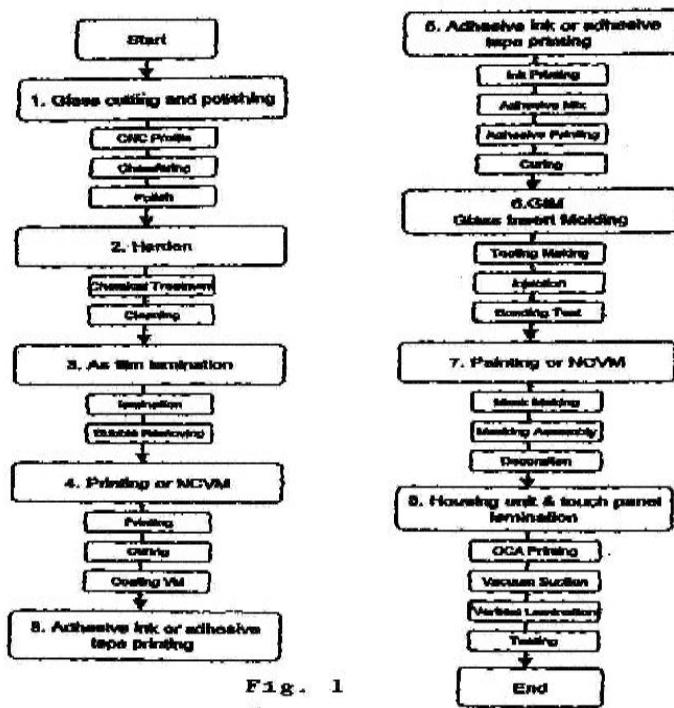


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8591/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR CONTROLLING INJECTORS IN AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D 41/20
(31) Priority Document No :10 2009 003 209.6
(32) Priority Date :19/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/055356
 Filing Date :22/04/2010
(87) International Publication No :WO 2010/133416
(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)NEUBERG, JENS
4)KEMMER, HELESON
5)LEHR, HANS-PETER
6)RAPP, HOLGER
7)HAMEDOVIC, HARIS
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9)HOANG, ANH-TUAN
10)WICHERT, BERND

(57) Abstract :

A method for controlling an injector (18) in a fuel injection system in an internal combustion engine (10), is disclosed. The fuel injection system includes a plurality of injectors (18) and a fuel quantity injected by means of an injector (18) depends on a control period (50) of the injector (18). The method includes determining, for at least one injector (18), an individual control period (74) in accordance with a delay in lift (48) of the injector (18) and controlling the injector (18) depending on the determined individual control period (74).

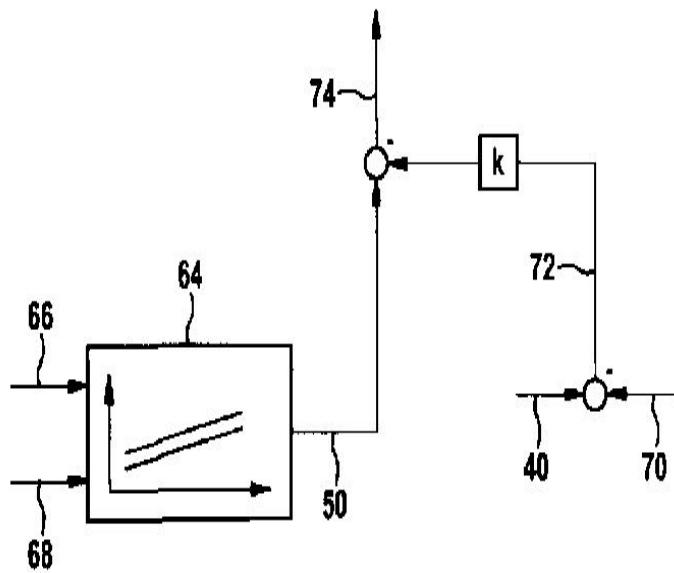


Fig. 5

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8592/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR MONITORING THE OPERATION OF AN INJECTOR

(51) International classification	:F02D 41/20
(31) Priority Document No	:10 2009 026 840.5
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055452
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/142488
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)TONNER, ERIK

2)BARNICKEL, KAI

3)FUCHS, STEFAN

(57) Abstract :

Described herein is a method for monitoring an operation of an injector of an internal combustion engine. The injector carries out multiple successive injections during the operation. An injection is carried out by controlling of a piezoactuator, and an electrical signal (54, 80, 84) is generated during the operation. The method includes amplifying a temporal course of the signal (54, 80, 84) between two regular injections, and scanning the amplified signal. An amplification of a maximum amplitude of the signal (54, 80, 84) is limited to a maximum value with a protection switch (48).

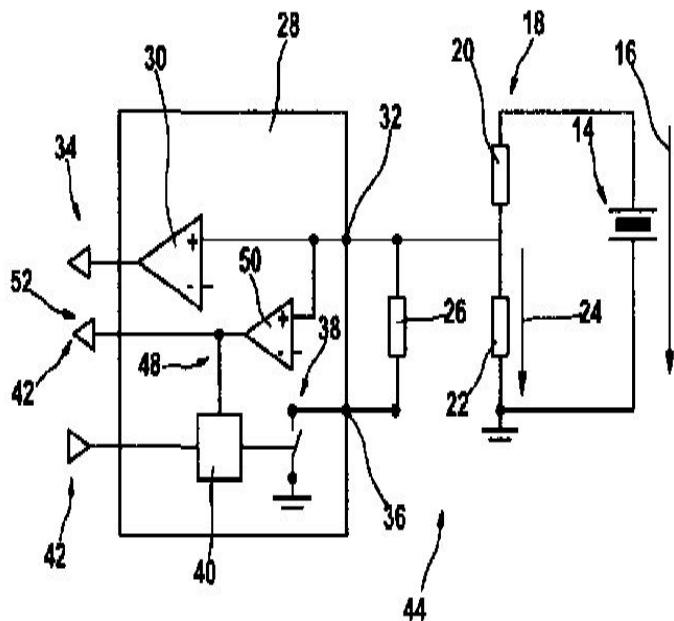


Fig. 3

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8593/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : VALVE

(51) International classification	:F16K 1/46
(31) Priority Document No	:102009003227.4
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/054931
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/133406
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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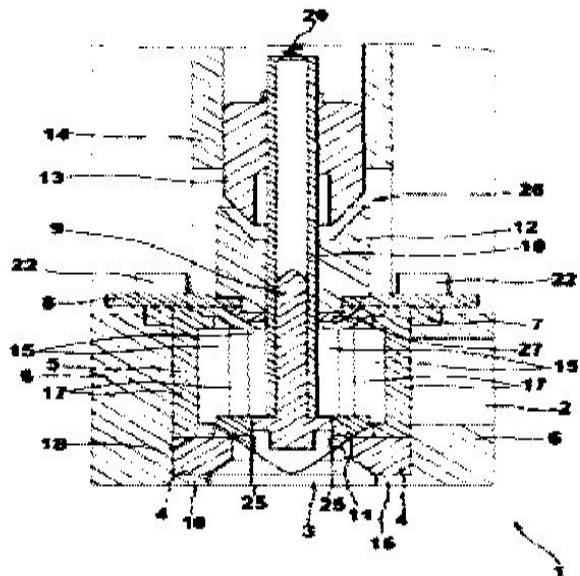
(72)Name of Inventor :

1)PFETZER, JOHANNES
2)KOTLARSKI, THOMAS
3)BRAUN, JOHANN
4)HILS, ALOIS
5)SCHOENEMANN, ANJA
6)SCHMID, JOERG
7)MAHFOUDH, SAMIR

(57) Abstract :

The present subject matter relates to a valve (1) for controlling a volume flow. The valve (1) includes a valve housing (6) having a first connection opening (3). A sealing element (36) for a closing element (26) is disposed on the first connection opening (3). The sealing element (36) is positively fastened on and/or bonded to the spacer sleeve (31). Fig.1

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8595/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : EXCEPTION RAISED NOTIFICATION

(51) International classification	:G06F 9/06
(31) Priority Document No	:12/436,175
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033247
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/129429
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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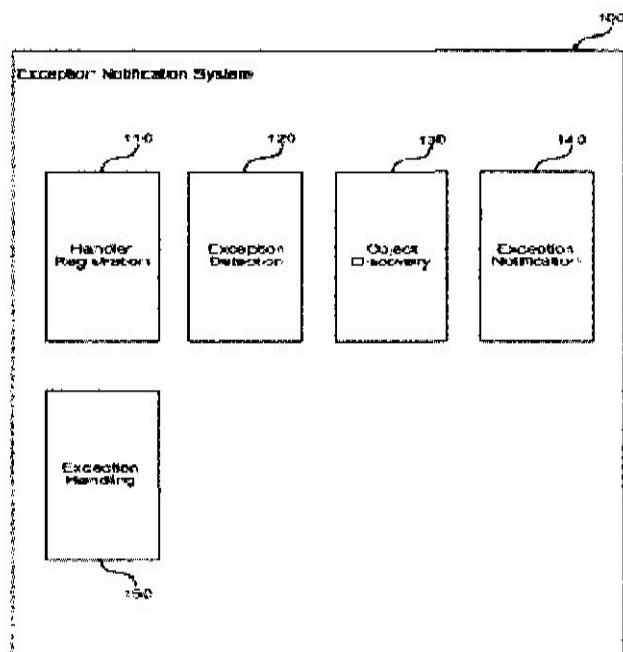
Address of Applicant :ONE MICROSOFT WAY,
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(72)Name of Inventor :

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- 2)KHANNA, GAURAV
- 3)MAGRUDER, MICHAEL, M.
- 4)LIN, YI
- 5)SCHWARTZ, JEFFREY, C.

(57) Abstract :

An exception notification system is described herein that provides an early notification that a software exception has occurred before exception handling code has run. The exception notification system receives a registration request from program code to register a handler to receive an early notification when an exception occurs. When an exception occurs, the system raises an event that calls each registered handler. After the handler returns, the system performs normal exception handling, so that the early notification does not change existing exception-handling behavior. The exception notification system allows a program to inspect and log an exception before the program state has been modified by exception handling. The program code can capture detailed information about the cause of the exception to enable further offline analysis. Thus, the exception notification system allows developers to improve their programs by receiving more information about unexpected conditions in the program code.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8561/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COMPOUNDS AND METHODS FOR MODULATING ACTIVITY OF CALCIUM RELEASE CHANNELS

(51) International classification	:A01N 43/32	(71) Name of Applicant :
(31) Priority Document No	:61/169,426	1)STATE OF OREGON BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF PORTLAND STATE UNIVERSITY
(32) Priority Date	:15/04/2009	Address of Applicant :1721 SW BROADWAY, PORTLAND, OR, 97207-0751, USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/001152	1)JONATHAN ABRAMSON
Filing Date	:15/04/2010	2)ROBERT STRONGIN
(87) International Publication No	:WO 2010/120382	
(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 treating or reducing the risk of a ryanodine receptor (RyR) associated condition, disorder, or disease in a mammal, the method comprising administering to the mammal a therapeutically effective amount of a compound having the formula: wherein: R1, R1, R2, R2', R3, and R3' independently are selected from H and an electron-donating group, or alternatively, when R3 and R3' are bonded to two adjacent carbon atoms, R3 and R3', together with the two adjacent carbon atoms, form a 5-membered monocyclic moiety which is fused to the phenyl group and comprises 1-2 heteroatoms selected from O, S, and N; provided that: when each of R1', R2, R2', R3 and R3' is H, R1 is not -OCH3; when R1 is -OCH3, at least one of R1', R2, R2', R3 and R3' is not H; when R1 is -OCH3 and R3 and R3' are both NH2, at least one of R1', R2, and R' is not H; when R1 is -OCH3 and R3 and R3' are H and NH2, at least one of R1', R2, R2', R3 and R3' is not H; and when R1 is OH, at least one of R1', R2, R2', R3 and R3' is not H; or a pharmaceutically acceptable salt, hydrate, ester, or prodrug thereof.

No. of Pages : 73 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8562/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BIOREACTOR COMPRISING A MIXING CHAMBER

(51) International classification	:C02F 3/28
(31) Priority Document No	:09159341.8
(32) Priority Date	:04/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/NL2010/050254
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/128850
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)FRANKENA, DOUWE

2)VELLINGA, SJOERD HUBERTUS JOSEF

(57) Abstract :

The invention relates to a bioreactor (1) comprising a reactor vessel (41) having a mixing chamber (3) separated by a partition (44) from a reaction chamber (2) located generally above the mixing chamber (3), the mixing chamber (3) having an inlet system (4) for influent or a mixture of influent and recycled material, wherein the inlet system (4) has an outlet opening (60-64) in the mixing chamber (3). In an embodiment the partition (44) has an opening (66) forming a connection between the mixing chamber (3) and the reaction chamber (2), wherein the outlet opening (60-64) of the inlet system (4) is directed at the opening in the partition. In an embodiment the mixing chamber (3) has a skeleton for reinforcing the mixing chamber.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8563/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TREATMENT OF INFECTIOUS DISEASES

(51) International classification	:C07D 409/06
(31) Priority Document No	:09158229.6
(32) Priority Date	:20/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/055176
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/122012
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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CHARLOTTENLUND, DENMARK

(72)Name of Inventor :

1)BIRGIT, KJAELDGAARD GIWERCMAN

(57) Abstract :

The present Invention is directed to certain thioxanthene derivatives and phenothiazine derivatives suitable for use as anti-infective agents, in particular, for the treatment of infectious diseases. The invention furthermore relates to compositions comprising said anti-infective agents.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2011

(21) Application No.8564/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONTROLLED HYDRAULIC SYSTEMS COMPRISING A VARIABLE DRIVE RATIO DEVICE

(51) International classification	:F15B 11/04
(31) Priority Document No	:0908982.2
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050784
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/136785
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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DORSET BH16 5SL, UNITED KINGDOM

(72)**Name of Inventor :**

1)GODFREY, PHIL

(57) Abstract :

There is herein described a controlled hydraulic systems for operating machinery. More particularly, there is described a controlled hydraulic system (200) comprising a variable drive ratio device (214) interposed between a prime mover (210) and a fixed displacement pump (112) for controlling the operating speed of the pump (212) and hence the output flow in the hydraulic system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8604/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD FOR SYNTHESIS OF AN ALKALINE POLYMER ELECTROLYTE MEMBRANE

(51) International classification	:H01M 8/10
(31) Priority Document No	:2009/03467 (TR)
(32) Priority Date	:04/05/2009
(33) Name of priority country	:Turkey
(86) International Application No	:PCT/TR2010/000014
Filing Date	:20/01/2010
(87) International Publication No	:WO 2010/128954
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARAL, AYDIN CAN

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(72)Name of Inventor :

1)ARAL, AYDIN CAN

(57) Abstract :

The invention mentioned herein is the method for synthesizing an ionically conductive membrane which can be used in applications of fuel cell, electrolysis, chlor-alkali process or demineralization. The method for synthesis of ionically conductive membrane comprises of; a) preparing a polymer solution, b) immersing the said polymer solution into a non-solvent bath containing metal hydroxide solute, and c) obtaining an ionically conductive polymer membrane.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8605/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TRANSMISSION DEVICE AND TRANSMISSION METHOD, AND RECEPTION DEVICE AND RECEPTION METHOD

(51) International classification	:H04N 7/173	(71) Name of Applicant :
(31) Priority Document No	:2009-116100	1)SONY CORPORATION
(32) Priority Date	:13/05/2009	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 Filing Date	:PCT/JP2010/058079 :13/05/2010	1)NAOHISA KITAZATO 2)IZUMI HATAKEYAMA 3)MASAYUKI OBAYASHI
(87) International Publication No	:WO 2010/131693	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a transmitting apparatus and transmitting method as well as a receiving apparatus and receiving method configured to be able to recognize only channel selection information for- viewable digital broadcasting at the receiving end. A community broadcasting station 32 transmits community broadcasting which includes an additional information descriptor and the content of the community broadcasting. The additional information descriptor is for identifying channel selection information, which is information related to channel selection of community broadcasting that is reception-restricted, and which includes tuning information, a service ID, a service name, and a service type, etc. The present invention may be applied to a server that communicates with a receiving terminal which receives digital broadcasting, for example.

No. of Pages : 86 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8606/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TRANSMITTING APPARATUS AND TRANSMITTING METHOD, RECEIVING APPARATUS AND RECEIVING METHOD, AND PROGRAM

(51) International classification	:H04N 7/167	(71) Name of Applicant :
(31) Priority Document No	:2009-116097	1)SONY CORPORATION
(32) Priority Date	:13/05/2009	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/JP2010/058078	1)NAOHISA KITAZATO
Filing Date	:13/05/2010	2)IZUMI HATAKEYAMA
(87) International Publication No	:WO 2010/131692	3)MASAYUKI OBAYASHI
(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 transmitting apparatus and transmitting method as well as a receiving apparatus and receiving method configured to be able to recognize only channel selection information for digital broadcasting that is viewable at the receiving end. A communication unit 7 9 transmits a viewing license and channel selection information to a receiving apparatus that receives digital broadcasting. The viewing license includes a license expiration date given as terms of use for content of digital broadcasting, and a scramble key for unlocking scrambling applied to content. The channel selection information is information related to digital broadcasting channel selection. The present invention can be applied to a server that communicates with a receiving terminal which receives digital broadcasting, for example.

No. of Pages : 64 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8608/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROTECTING A CIRCUIT

(51) International classification	:H02H 3/07
(31) Priority Document No	:12/492,222
(32) Priority Date	:26/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033348
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/151372
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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STATES OF AMERICA

(72)Name of Inventor :

1)XU, JIAN

(57) Abstract :

A method of protecting a circuit includes measuring a value associated with a circuit having a current flowing through a switch to a load and comparing the measured value to a threshold. If the measured value meets or exceeds the threshold, the switch is turned OFF and a counter is incremented. If the counter is less than the counter limit, and a predefined time period has elapsed, the switch is turned back ON. Fig. 1

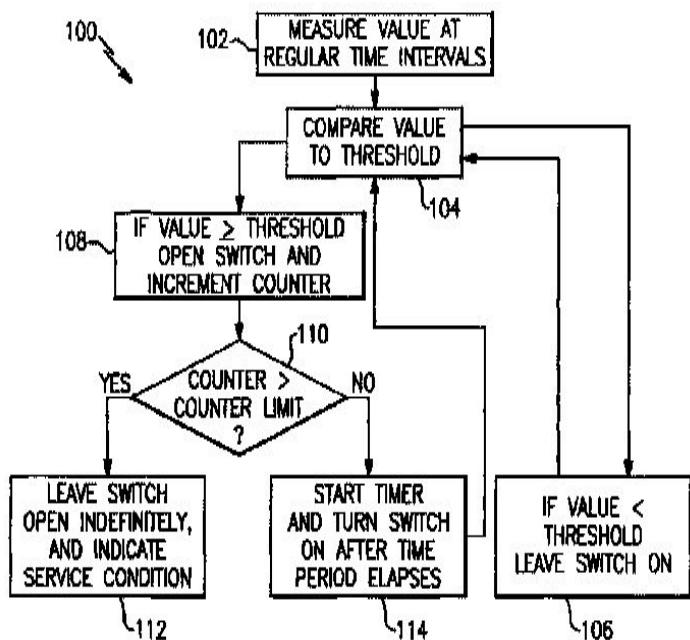


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8609/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STENTS HAVING CONTROLLED ELUTION

(51) International classification

:A61F 2/82

(31) Priority Document No

:61/212,964

(32) Priority Date

:17/04/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/031470

Filing Date

:16/04/2010

(87) International Publication No

:WO 2010/121187

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

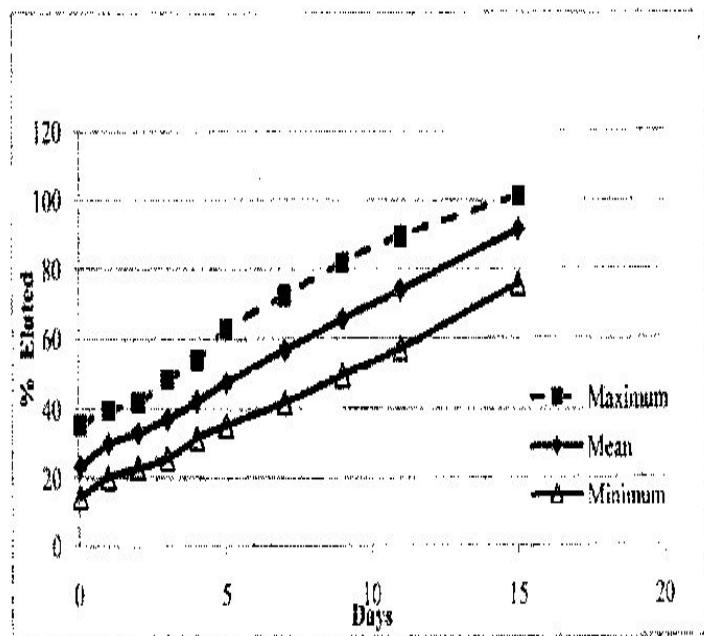
1)MCCLAIN, JAMES, B

2)TAYLOR, DOUGLAS

(57) Abstract :

Provided herein is a device comprising: a. stent; b. a plurality of layers on said stent framework to form said device; wherein at least one of said layers comprises a bioabsorbable polymer and at least one of said layers comprises one or more active agents; wherein at least part of the active agent is in crystalline form. Fig.: 27

Figure 27



No. of Pages : 169 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8610/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A MICRO-FLUIDIC SYSTEM AND THE USE THEREOF

(51) International classification	:B01J 19/00
(31) Priority Document No	:09159933.2
(32) Priority Date	:11/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002777
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/130368
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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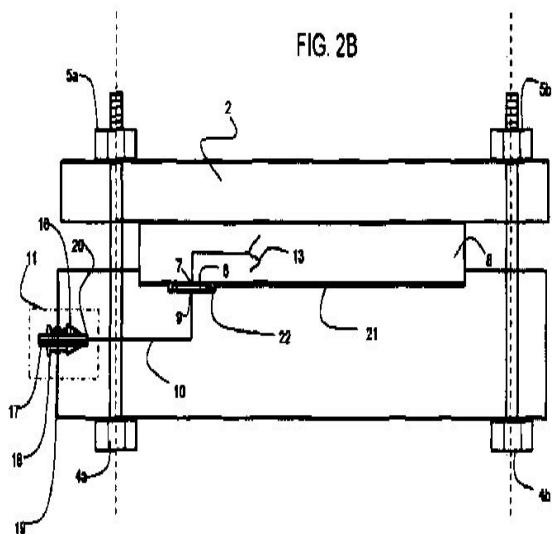
(72)Name of Inventor :

1)VAN DER HEIJDEN, RIK

(57) Abstract :

The invention relates to a micro-fluidic system comprising: a. a planar micro-fluidic device comprising a plurality of inlets and at least one outlet; b. a holder comprising a first part being provided with a plurality of channels having first ends and second ends, the holder comprising a fixing means for clamping the micro-fluidic device; c. sealing means being arranged to connect the plurality of inlets and the at least one out-let of the micro-fluidic device to the second ends of the plurality of channels, the sealing means being arranged such that a surface contact between the micro-fluidic device and the sealing means and a surface contact between the sealing means and the first part of the holder is established characterized in that the first part of the holder is optionally provided with a first recess for accommodating the planar micro-fluidic device, the second ends of the plurality of channels being located within the optional first recess and at least one second recess is provided for accommodating the sealing means, the second ends of the plurality of channels being located in the at least one second recess. The present invention also relates to the use of such a micro-fluidic systems at high pressures and high temperatures.

FIG. 2B



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8625/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ASSEMBLY AND METHOD

(51) International classification	:B04C 5/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/000236
Filing Date	:08/05/2009
(87) International Publication No	:WO 2010/128899
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OVIVIO LUXEMBOURG S.A.R.L.

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MUNSBACH L-5365 LUXEMBOURG

(72)Name of Inventor :

1)BENGT ERIKSSON

2)JAN BACKMAN

3)KARL GABRIELSSON

4)RALF BACKVIK

(57) Abstract :

An assembly with hydrocyclones comprising: multiple hydrocyclones having a base end and an apex end, an inlet chamber for fluid to be cleaned positioned at the base end, an overflow chamber for an overflow portion of the fluid positioned beyond the inlet chamber seen from the base end of the hydrocyclone, a separation chamber having an elongated shape between the base end and the apex end, an underflow outlet at the apex end and a vortex finder positioned inside the inlet chamber leading to the overflow chamber. The inlet chamber having two side openings positioned on opposite sides of the inlet chamber and the overflow chamber having two side openings positioned on opposite sides of the overflow chamber, the side openings at the inlet chamber and the overflow chamber being directed in the same direction. The hydrocyclones are arranged at a support structure, the support structure comprising a support bar for support of the hydrocyclones. The hydrocyclones being arranged side by side with their side openings adjacent each other thus forming an inlet pipe by means of the inlet chambers and an overflow pipe by means of the overflow chambers, the inlet chambers forming the inlet pipe and the overflow chambers forming the overflow pipe being adapted to be pressed against each other. The hydrocyclones being arranged in pairs with one of the two hydrocyclones arranged on one side of the support bar and the other on the opposite sides thereof. A method assembling multiple hydrocyclones, wherein hydrocyclones are hung on a support bar at a base end or a head portion and are pressed together, is provided, and a support structure for an assembly of hydrocyclones, comprising a support bar, an end bar and one or two underflow pipes.

No. of Pages : 35 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8626/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : REAR FLOOR FOR AN AUTOMOBILE AND AUTOMOBILE INCLUDING SUCH A FLOOR

(51) International classification	:B62D 25/20
(31) Priority Document No	:09/53,367
(32) Priority Date	:20/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050633
Filing Date	:02/04/2010
(87) International Publication No	:WO 2010/133779
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RENAULT S.A.S.

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BOULOGNE BILLANCOURT, FRANCE

(72)Name of Inventor :

1)PHILIPPE KOWALSKI

2)CORBEL-HEY

(57) Abstract :

The invention relates to a rear floor for an automobile, including a series of ribs (5 to 12) punched into the metal sheet of the floor and extending in the longitudinal direction (X) of the vehicle, characterized in that at least one (12) of the punched-in ribs is connected to an adjacent rib (13) by a rib portion (14) that is inclined relative to the longitudinal direction (X).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8628/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HIGH-EFFICIENCY SOLAR CELL STRUCTURES AND METHODS OF MANUFACTURE

(51) International classification	:H01L 31/00
(31) Priority Document No	:61/171,194
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031869
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/123974
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TETRASUN, INC.

Address of Applicant :SUITE 250A, 20640 THIRD STREET,
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(72)**Name of Inventor :**

1)OLIVER SCHULTZWITTMANN

2)DENIS DECEUSTER

(57) Abstract :

Solar cells of varying composition are disclosed, generally including a central substrate, conductive layer(s), antireflection layers(s), passivation layer(s) and/or electrode(s). Multifunctional layers provide combined functions of passivation, transparency, sufficient conductivity for vertical carrier flow, the junction, and/or varying degrees of anti-reflectivity. Improved manufacturing methods including single-side CVD deposition processes and thermal treatment for layer formation and/or conversion are also disclosed.

No. of Pages : 48 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8631/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SLURRY BED FISCHER-TROPSCH CATALYSTS WITH SILICA/ALUMINA STRUCTURAL PROMOTERS

(51) International classification	:B01J 23/78	(71) Name of Applicant :
(31) Priority Document No	:61/183,840	1)RENTech, INC.
(32) Priority Date	:03/06/2009	Address of Applicant :10877 WILSHIRE BLVD, SUITE 710, LOS ANGELES, CALIFORNIA 90024, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/036700	1)DAWID J. DUVENHAGE
Filing Date	:28/05/2010	2)BELMA DEMIREL
(87) International Publication No	:WO 2010/141379	
(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 producing a Fischer-Tropsch catalyst by preparing a nitrate solution when preparing comprises forming at least one metal slurry and combining the at least one metal slurry with a nitric acid solution; combining the nitrate solution with a basic solution to form a precipitate; promoting the precipitate to form a promoted mixture, wherein promoting comprises combining the precipitate with (a) silicic acid and one or more selected from the group consisting of non-crystalline silicas, crystalline silicas, and sources of kaolin or (b) at least one selected from non-crystalline silicas and sources of kaolin, in the absence of silicic acid; and spray drying the promoted mixture to produce catalyst having a desired particle size. Catalyst produced by the disclosed method is also described.

No. of Pages : 44 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8585/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DATABASE SCHEMA COMPLEXITY REDUCTION

(51) International classification	:G06F 17/30
(31) Priority Document No	:0906004.7
(32) Priority Date	:07/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050594
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/116179
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)OMNIFONE LTD.

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(72)**Name of Inventor :**

1)KNIGHT, MARK

2)SULLIVAN, MARK

3)LAMB, MICHAEL

(57) Abstract :

In contrast to the traditional approach of defining relationships between data collections using complex groups of cross-reference database tables, the present invention makes use of generic sets to represent relationships between complex collections of interrelated data. The complexity of a database schema can be greatly reduced by representing the relationships between data items as these data sets (sets of data items). These sets of data items may be defined in one or more database tables in a database. This approach provides for much simplified database data management and control. It enables the easy pre- or re- calculation of sets and provides for the easy creation of hierarchical meta-data trees, which are ideal for the targeted delivery of data to the user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8616/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : QUATERNARY AMMONIUM SALT COMPOUNDS

(51) International classification	:C07D 401/12
(31) Priority Document No	:2009-110760
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057422
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/126025
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TEIJIN PHARMA LIMITED

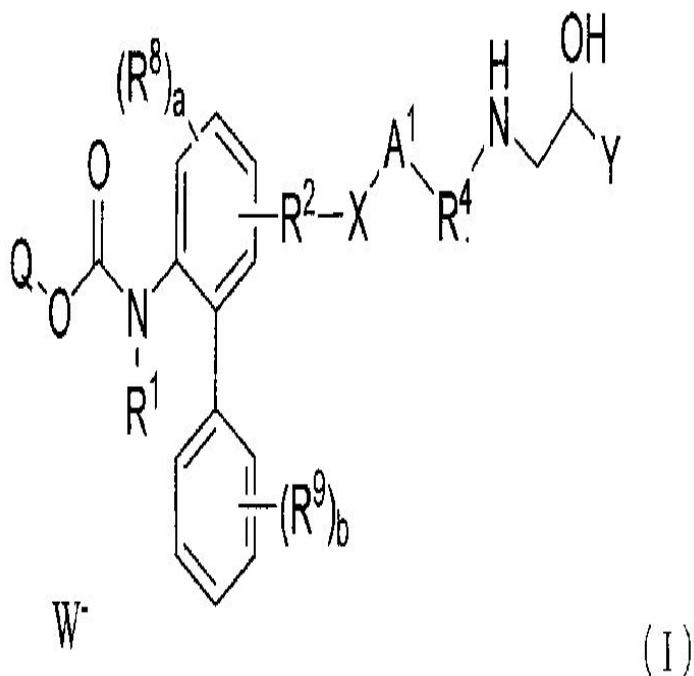
Address of Applicant :2-1, KASUMIGASEKI 3-CHOME,
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(72)Name of Inventor :

- 1)ETSUKO MITSUYAMA
- 2)TAKAYUKI HARA
- 3)JUNJI IGARASHI
- 4)HIROYUKI SUGIYAMA
- 5)SATOSHI YAMAMURA
- 6)JOHJI NOMURA
- 7)KEI SEGAWA

(57) Abstract :

The object of the present invention is to provide a novel compound having 2 adrenergic receptor agonist activity and muscarinic receptor antagonist activity. [Means for Solving the Problem] The present invention is a quaternary ammonium salt compounds represented by formula (I), or a pharmaceutically acceptable salt thereof, with superior 2 adrenergic receptor agonist activity and muscarinic receptor antagonist activity. [Chemical Formula 1]



No. of Pages : 297 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8617/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ELASTIC DRIVE BELT, IN PARTICULAR RIBBED V-BELT, HAVING REDUCED LOSS OF TENSION

(51) International classification	:F16G 5/20	(71) Name of Applicant :
(31) Priority Document No	:10 2009 026 077.3	1)CONTITECH ANTRIEBSSYSTEME GMBH Address of Applicant :VAHRENWALDER STRASSE 9, 30165 HANNOVER, GERMANY
(32) Priority Date	:01/07/2009	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)HENNING KANZOW 2)FALK LORENZ 3)TIM FISS
(86) International Application No Filing Date	:PCT/EP2010/057312 :27/05/2010	
(87) International Publication No	:WO 2011/000637	
(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 drive belt (1) having a main body made of a polymeric material with elastic properties, comprising a cover layer (2) as the belt back and a substructure (5) with a power transmission zone (8). At least one traction cord (4) in cord design is also embedded in the drive belt, wherein three traction strand variations are described in more detail in this respect. According to the teaching of the invention, the traction cord (4) is completely or partially made of a polyethylene tereph-thalate (PET), wherein the PET is made of a yam in conjunction with the following yam and cord parameters: a cord length weight of < 3600 dtex; a heat shrinking path of the yam < 5% after 2 minutes at 177°C and at a pretress of 0.0005 N/dtex; a corresponding force of the yam of > 3.4 cN/dtex at an elongation of 5% at 25°C and at a prestress of 0.0005 N/dtex; and a heat shrinking force of the cord of > 0.12 cN/dtex in hot air at 160°C after 10 minutes and at a prestress of 0.005 N/dtex. The drive belt (1) is particularly designed as a ribbed v-beh and preferably used in a v-belt drive without automatic tensioning system.

No. of Pages : 28 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8618/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DEVICE FOR ENABLING THE LOCKING/UNLOCKING OF A MEMBER ON AND OUT OF A STRUCTURE

(51) International classification	:E05C 5/02	(71) Name of Applicant :
(31) Priority Document No	:0952570	1)RENAULT S.A.S.
(32) Priority Date	:20/04/2009	Address of Applicant :13-15, QUAI LE GALLO, F-92100
(33) Name of priority country	:France	BOULOGNE BILLANCOURT, FRANCE
(86) International Application No	:PCT/FR2010/050761	(72) Name of Inventor :
Filing Date	:20/04/2010	1)MICHEL ECOCHARD
(87) International Publication No	:WO 2010/122267	
(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 enabling the locking/unlocking of a member provided with a latch on/out of a structure provided with a housing for receiving the active portion of said latch comprising: a cylindrical sheath (1) coaxially receiving a first hollow rod capable of rotation relative to the revolution axis of said sheath (1) and having an upper end provided with a means (2) capable of interaction with the latch of said member, as well as a second coaxial rod inside the first hollow rod, capable of rotation and translation respectively along and relative to the revolution axis of said sheath and having an upper end provided with means (3) capable of interaction with the active portion of the latch so as to actuate the same into a functional locking or unlocking position; means (4, 5, 6, 7, 9, 11) for enabling the rotation of each of the two rods relative to the sheath revolution axis independently from each other; and means (10) for enabling the rotation of said second rod..

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8574/DELNP/2011 A

(19) INDIA

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

(43) Publication Date : 11/01/2013

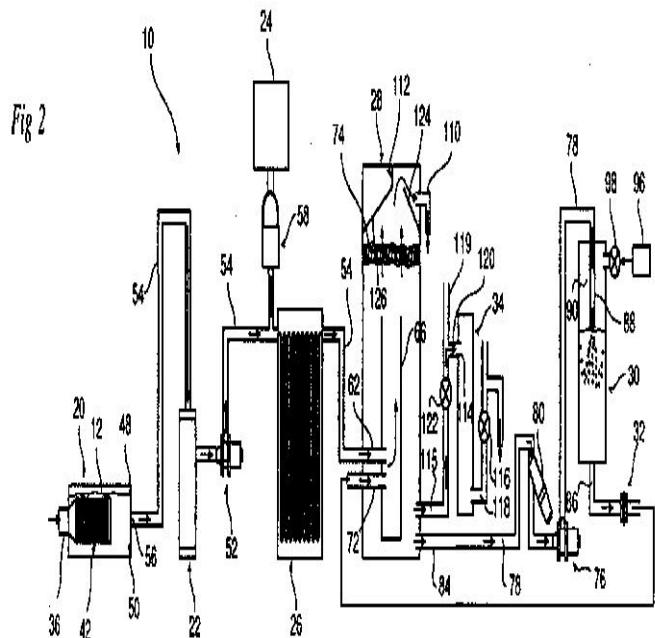
(54) Title of the invention : AN APPARATUS AND METHOD FOR THE TREATMENT OF WATER

(51) International classification :C02F 1/24
(31) Priority Document No :2009904384
(32) Priority Date :07/09/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/001156
 Filing Date :07/09/2010
(87) International Publication No :WO 2010/026197
(61) Patent of Addition to Application :NA
 Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

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Address of Applicant :60 GRANDVIEW PARADE,
CARINGBAH, NEW SOUTH WALES 2229, AUSTRALIA
(72)Name of Inventor :
1)ANDERSON, RAYMOND

(57) Abstract :

The present invention relates to an apparatus and method for the treatment of water and, in particular, an apparatus and method which may be applied to fluids such as grey water to be treated prior to discharge. The invention is intended for particular use on marine vessels such as house boats to treat grey water which at present is discharged untreated.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8599/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INHIBITORS OF THE RENAL OUTER MEDULLARY POTASSIUM CHANNEL

(51) International classification	:C07D 307/88
(31) Priority Document No	:61/175,847
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032872
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/129379
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)PASTERNAK, ALEXANDER

2)SHAHRIPOUR, AURASH

3)TANG, HAIFENG

4)TEUMELSAN, NARDOS, H.

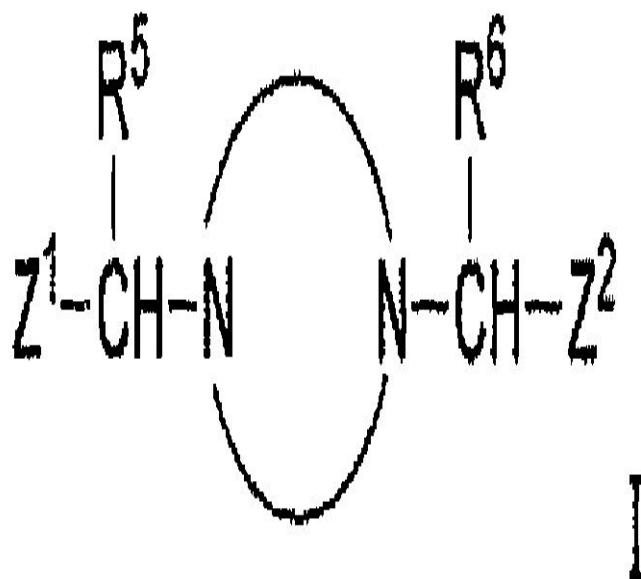
5)YANG, LIHU

6)ZHU, YUPING

7)WALSH, SHAWN, P.

(57) Abstract :

This invention relates to compounds having structural Formula I: and pharmaceutically acceptable salts thereof which are inhibitors of the Renal Outer Medullary Potassium (ROMK) channel (Kir1.1). The compounds of Formula I are useful as diuretics and natriuretics and therefore are useful for the therapy and prophylaxis of disorders resulting from excessive salt and water retention, including cardiovascular diseases such as hypertension and chronic and acute heart failure.



No. of Pages : 175 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.86/DELNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PLANT SEEDS WITH ALTERED STORAGE COMPOUND LEVELS, RELATED CONSTRUCTS AND METHODS INVOLVING GENES ENCODING CYTOSOLIC PYROPHOSPHATASE

(51) International classification	:C12N 9/14
(31) Priority Document No	:61/221,731
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US10/40281 :29/06/2010
(87) International Publication No	:WO 2011/008510
(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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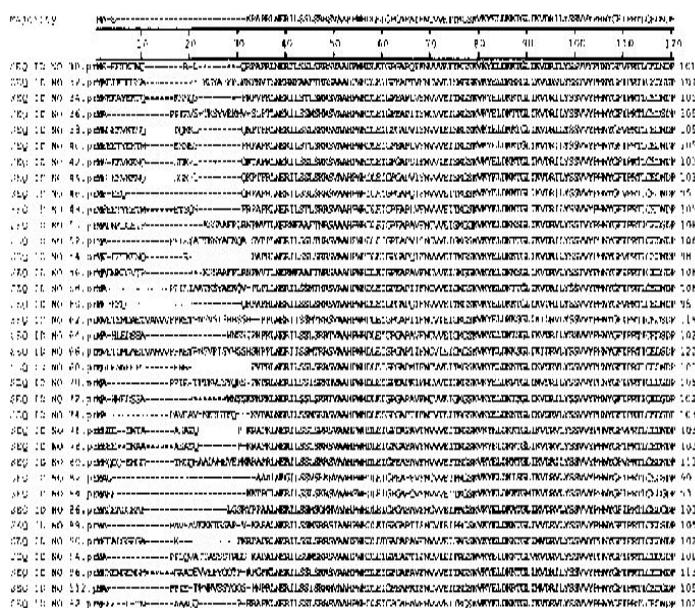
(72)**Name of Inventor :**

1)MEYER, KNUST
2)EVERARD, JOHN D.

(57) Abstract :

This invention is in the field of plant molecular biology. More specifically, this invention pertains to isolated nucleic acid fragments encoding cytosolic pyrophosphatase proteins in plants and seeds and the use of such fragments to modulate expression of a gene encoding cytosolic pyrophosphatase activity in a transformed host cell.

FIG. 1A



No. of Pages : 293 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8603/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BEVERAGE MACHINES WITH SIMPLIFIED SERVICING

(51) International classification	:A47J 31/36
(31) Priority Document No	:09159503.3
(32) Priority Date	:06/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056194
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/128109
(61) Patent of Addition 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 :AVENUE NESTLE 55, CH-1800
VEVEY, SWITZERLAND

(72)Name of Inventor :

1)RIME, PHILIPPE

(57) Abstract :

A machine (1) for a given geographical market and for preparing a beverage from a combination of a first ingredient and a second ingredient. The machine comprises a first container (10) and a second container (5), each container being arranged for storing one of these ingredients and/or packagings (1) thereof. Such machine is so arranged as to let a user select a quantity ratio of the first ingredient and the second ingredient for any preparation of a beverage. The first and second containers have respective first and second normal storage volumes for their respective ingredient and/or packagings to be stored. The first and second normal storage volumes of the containers have a volume ratio equivalent to a ratio of respective normal volumes necessary for storing the first and second ingredients and/or packaging thereof used in an estimated average quantity ratio for preparing such beverage in the given geographical market.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8639/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : POROUS CRYSTALLINE MATERIALS, THEIR SYNTHESIS AND USE

(51) International classification

:C07F 7/28

(31) Priority Document No

:12/455,732

(32) Priority Date

:05/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/036350

Filing Date

:27/05/2010

(87) International Publication No

:WO 2010/141310

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

**1)ZHENG NI
2)JOHN ZENGEL
3)DAVID L. STERN**

(57) Abstract :

A porous crystalline material has a tetrahedral framework comprising a general structure, M1-IM-M2, wherein M1 comprises a metal having a first valency, wherein M2 comprises a metal having a second valency different from said first valency, and wherein IM is imidazolate or a substituted imidazolate linking moiety.

No. of Pages : 38 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8640/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LED PACKAGE WITH INCREASED FEATURE SIZES

(51) International classification	:H01L 33/58
(31) Priority Document No	:61/173,550
(32) Priority Date	:28/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001255
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/126592
(61) Patent of Addition 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)AMBER SALTER

5)BRIAN COLLINS

6)MICHAEL BERGMANN

7)JOHN EDMOND

8)ERIC TARSA

9)PETER ANDREWS

(57) Abstract :

A light emitter package, comprising: a submount; a light emitter chip mounted on said submount; and a lens over said light emitter chip, the ratio of the width of said light emitter chip to the width of said lens in a given direction being 0.5 or greater

No. of Pages : 43 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8643/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROTECTING TRANSISTORS

(51) International classification	:H03K 17/16
(31) Priority Document No	:A 706/2009
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT/2010/000118
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/127374
(61) Patent of Addition 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)JURGEN PIRCHENFELLNER

2)GUNTER ACHLEITNER

3)STEPHAN HOLZINGER

4)WALTER PAMMER

(57) Abstract :

The invention relates to a method and to an apparatus for testing transistors (S1, S3; S2, S4) arranged in at least one path, wherein transistors (S1, S3; S2, S4) connected in series to which an input voltage (Ue) is applied are arranged in a path (2), and the transistors (S1, S3; S2, S4) of a path are alternately switched between a conductive state and a blocking state in order to generate an output voltage (Ua) at the center of the path. In order to prevent both transistors (S1, S3; S2, S4) of a path from triggering, the blocking state of the second transistor (S3; S4) of the path is checked before switching a transistor (S1; S2) into the conductive state, and the switching is released by way of a signal generated during the check.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8645/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PRESSURIZED PRODUCT PRODUCTION

(51) International classification

:F25J 3/04

(31) Priority Document No

:12/485,235

(32) Priority Date

:16/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/030870

Filing Date

:13/04/2010

(87) International Publication No

:WO 2010/147698

(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)HENRY EDWARD HOWARD

2)RICHARD JOHN JIBB

3)DAVID ROSS PARSNICK

4)TODD ALAN SKARE

(57) Abstract :

The present invention relates to a method and apparatus for producing a pressurized product stream product by cryogenic rectification. A main heat exchanger, used in the cryogenic rectification, warms a pumped product stream composed of oxygen-rich or nitrogen-rich liquid and thereby produces the pressurized product stream. Layers of the main heat exchanger are designed such that a reduction in the heat transfer area provided within the main heat exchanger for warming the pumped product stream occurs at a location at which the temperature of the pumped product stream exceeds either the critical or a dew point temperature of such stream. The reduction in heat transfer area leaves regions of the layers able to heat or cool another stream that is used in connection with the cryogenic rectification. Such other stream can be a refrigerant stream that allows the introduction of additional refrigeration to increase production of liquid products.

No. of Pages : 49 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8646/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD, APPARATUS AND COMPUTER READABLE MEDIUM EMBODYING A PROGRAM FOR RESOURCE ALLOCATION

(51) International classification	:H04W 72/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/EP2009/055597 :08/05/2009
(87) International Publication No	:WO 2010/127708
(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)TIIROLA, ESA TAPANI
- 3)RAAF, BERNHARD
- 4)PAJUKOSKI, KARI PEKKA
- 5)HOOLI, KARI JUHANI

(57) Abstract :

Apparatus and method for resource allocation are provided. An apparatus comprises a controller configured to: utilize a tree structure with more than one branch in the resource allocation of physical resource blocks, each branch comprising one or more legal starting positions for resource allocation. Each starting position is associated with a cluster of physical resource blocks, the number of starting positions being different on each branch. The size of the resource clusters of each branch is different. The controller is configured to denote each resource cluster with a predefined index, and allocate one or more clusters to user equipment uplink connection. (Figure 1B)

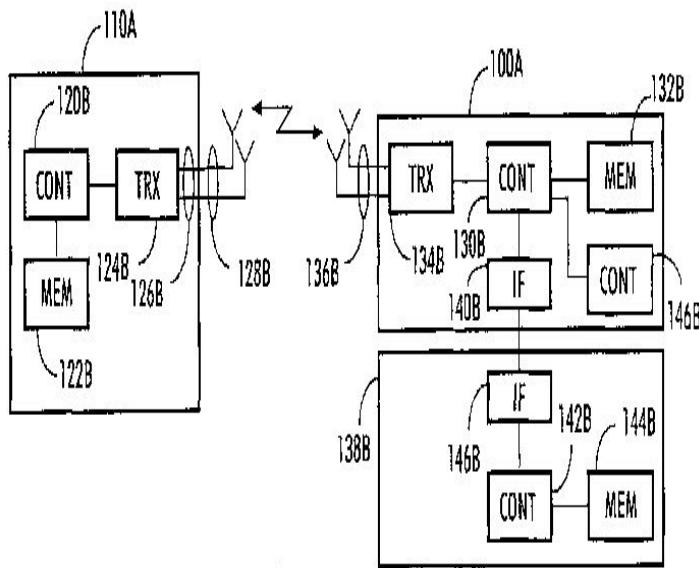


FIG. 1B

No. of Pages : 32 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8647/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COAXIAL CONNECTOR AND METHOD OF ASSEMBLING ONE

(51) International classification	:H01R 9/05
(31) Priority Document No	:0906474.2
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/054761
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/119011
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)MARSH, JOHN

(57) Abstract :

A straight electrical coaxial cable connector (2) for connecting first and second coaxial cables (8, 10) each including a core (16, 24) and a shield layer (20, 28), the connector (2) including first and second interengageable housing parts (68, 70), first and second crimp ferrules (34, 52) for respectively engaging the shield layers (20, 28) of the first and second cables (8, 10), shield connection means (38) for electrically interconnecting the first and second shield layers (20, 28), core connection means (36, 64) for electrically interconnecting the two cores (16, 24), and first and second ferrule engagement means (76, 88) operable to respectively secure the first and second ferrules (34, 52) relative to respective said housing parts (68, 70).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8633/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN INFORMATION PROCESSING APPARATUS AND METHOD THEREOF

(51) International classification	:H04N 5/76
(31) Priority Document No	:P2001-365630
(32) Priority Date	:30/11/2001
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP02/12560
Filing Date	:29/11/2002
(87) International Publication No	:WO 2003/047244
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1113/DELNP/2003
Filed on	:16/07/2003

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2)MASANOBU NAKAMURA

3)KAZUHIKO NAKAMURA

4)TOMOTAKA YAGI

5)DECLAN PATRICK KELLY

6)WILHELMUS JACOBUS VAN GESTEL

(57) Abstract :

An information processing apparatus for reproducing an information recording medium (10) having recorded thereon an AV stream, and a clip mark having a time stamp for a playback start point of a playback domain corresponding to a characteristic moving picture detected from said AV stream, said apparatus comprising: a first acquisition unit (13) for acquiring said clip mark from said information recording medium, said clip mark corresponding to the playback domain which is referred to by a playlist, the clip mark having a duration of said playback domain; a second acquisition unit (17) for acquiring from said clip mark extension data specifying special reproduction of said playback domain to be performed on the basis of the contents of the extension data; and a control unit (17) for controlling the processing of the information rerecorded on said information recording medium, based on said clip mark and said extension data acquired from said first and second acquisition units.

No. of Pages : 38 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8634/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN INFORMATION PROCESSING APPARATUS AND A METHOD THEREOF

(51) International classification	:H04N 5/76
(31) Priority Document No	:P2001-365630
(32) Priority Date	:30/11/2001
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP02/12560
Filing Date	:29/11/2002
(87) International Publication No	:WO 2003/047244
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1113/DELNP/2003
Filed on	:16/07/2003

(71)Name of Applicant :

1)SONY CORPORATION,

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2)PANASONIC CORPORATION

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4)TOMOTAKA YAGI

5)DECLAN PATRICK KELLY

6)WILHELMUS JACOBUS VAN GESTEL

(57) Abstract :

An information processing apparatus comprising: first acquisition means (17) for acquiring in response to instruction from a user an optional playback domain being an AV stream extending between an in-point and an out-point from a playlist which defines a combination of preset playback domains extending between respective in-points and out-points in said AV stream; generating means (17) for generating a playlist mark in response to said acquiring of said optional playback domain, said playlist mark comprising a set of a time stamp of a start point of said optional playback domain and a duration of said optional playback domain; second acquisition means (17) for acquiring extension data specifying special reproduction of said optional playback domain, said generating means (17) appending said extension data to said playlist mark; and recording means (2) for recording said playlist mark on an information recording medium (10).

No. of Pages : 39 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8637/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : 'VACCINES COMPRISING ATTENUATED MYCOPLASMA BOVIS STRAINS AND METHOD FOR THE ATTENUATION

(51) International classification	:A61K 39/02	(71) Name of Applicant :
(31) Priority Document No	:61/172,543	1)BOEHRINGER INGELHEIM VETMEDICA, INC.
(32) Priority Date	:24/04/2009	Address of Applicant :2321 NORTH BELT HIGHWAY, ST.
(33) Name of priority country	:U.S.A.	JOSEPH, MISSOURI 64506-2002, UNITED STATES OF
(86) International Application No	:PCT/US2010/032149	AMERICA
Filing Date	:23/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/124154	1)MICHAEL BECK
(61) Patent of Addition to Application Number	:NA	2)JEFFREY KNITTEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to new attenuated M. bovis bacteria strains passaged at least 110 times. Moreover, the present invention also provides immunogenic compositions comprising live bacteria of any of those attenuated M. bovis bacteria strain, their manufacture and use for the treatment and prophylaxis of M. bovis infections and combinations with other veterinary vaccines or medicaments.

No. of Pages : 189 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8664/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD OF DECREASING PRO-ADAM10 SECRETASE AND/OR BETA SECRETASE LEVELS

(51) International classification	:A61K 31/4184
(31) Priority Document No	:61/169,261
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031021
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120872
(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)ZENYAKU KOGYO KABUSHIKIKAISHA

(72)Name of Inventor :

1)GREEN, KIM, NICHOLAS

2)WEBER, ECKARD

(57) Abstract :

The present invention provides a method of decreasing the level of pro-ADAM10 and/or BACE protein in a subject, the method comprising administering a heterocyclic compound or a pharmaceutically acceptable salt, hydrate or prodrug thereof to a subject in need thereof.

No. of Pages : 80 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8666/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS CONTROL FOR UMG-SI MATERIAL PURIFICATION

(51) International classification	:C01B 33/02
(31) Priority Document No	:61/173,853
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023798
Filing Date	:10/02/2010
(87) International Publication No	:WO 2010/126639
(61) Patent of Addition 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)WALERYSIAK, MARCIN
3)JOUINI, ANIS
4)HEUER, MATTHIAS
5)SIDELKHEIR, OMAR
6)BLOSSE, ALAIN
7)KIRSCHT, FRITZ

(57) Abstract :

A process control method for UMG-Si purification by performing a directional solidification of molten UMG-Si to form a silicon ingot is described. The ingot is divided into bricks and the resistivity profile of each silicon brick is mapped. A crop line for removing the impurities concentrated and captured in the ingot during the directional solidification is calculated based on the resistivity map. The concentrated impurities are then removed by cropping each brick along that brick's calculated crop line.

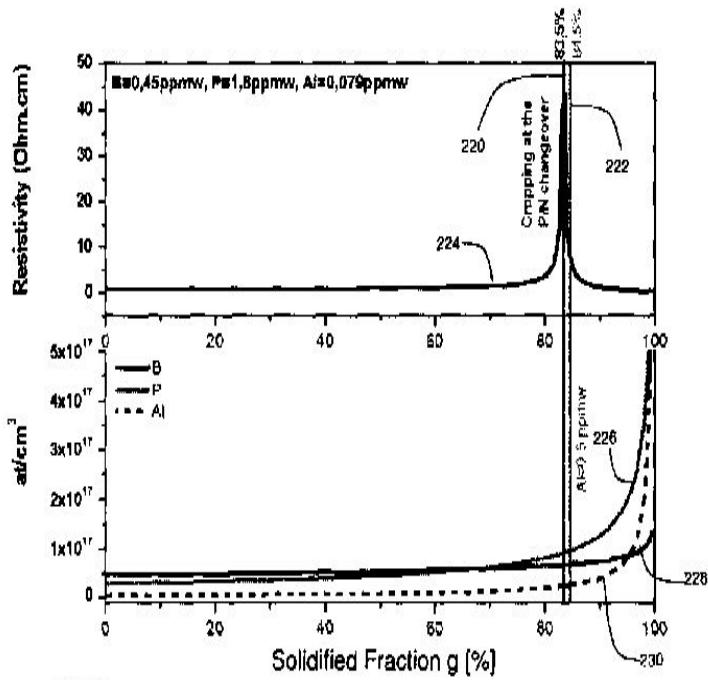


FIG. 18

No. of Pages : 41 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8611/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEMS FOR COST-EFFECTIVE CONCENTRATION AND UTILIZATION OF SOLAR ENERGY

(51) International classification	:F24J 2/10
(31) Priority Document No	:12/424,393
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000500
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/118503
(61) Patent of Addition 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)NORMAN, RICHARD

2)DAUPHIN, PHILIPPE

3)DE ST. CROIX, FREDERICK

(57) Abstract :

The present invention is primarily directed to cost-effective systems for using large reflective elements that track the sun on two axes to concentrate solar energy onto a receiver that can convert the sun's optical energy to a form usable for extensive displacement of combustion of fossil fuels. The structures of the tracker frame, tracking mechanism and tracker supports are co-optimized with the optical elements and the receiver for high efficiency, low cost, and ease of assembly, making moderate and large-scale implementations cost-competitive with fossil fuels for peak power, and, with suitable storage, for base-load power and dispatchable peaking power in sunny locations. Improvement to small-tracker two-axis systems and one-axis tracking systems that focus in two dimensions are also included, as are improvements in systems for space-based solar power.

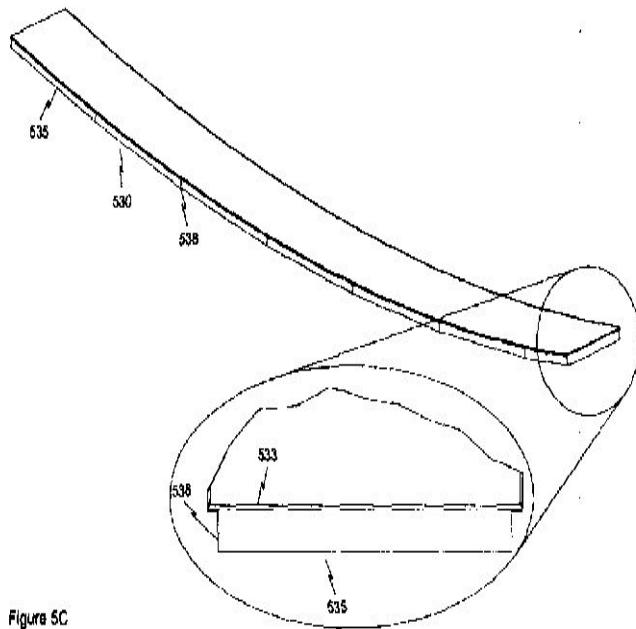


Figure 5C

No. of Pages : 367 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8652/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONTEXT BASED DATA MEDIATION

(51) International classification	:H04W 8/22
(31) Priority Document No	:61/168,145
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000540
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/115289
(61) Patent of Addition 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)WILLIAMS, STEPHEN

(57) Abstract :

A communication environment includes of one or more subscriber terminals capable of receiving and transmitting data over a communication network via a communication management system. The communication management system receives mobile communication device context information and mobile communication device identification information from the mobile communication device. The communication management system then identifies data availability profiles reflective of a prior determination of mobile communication device availability to receive data communications according to context. The communication management system then implements data filtering rules corresponding to a current data availability profile.

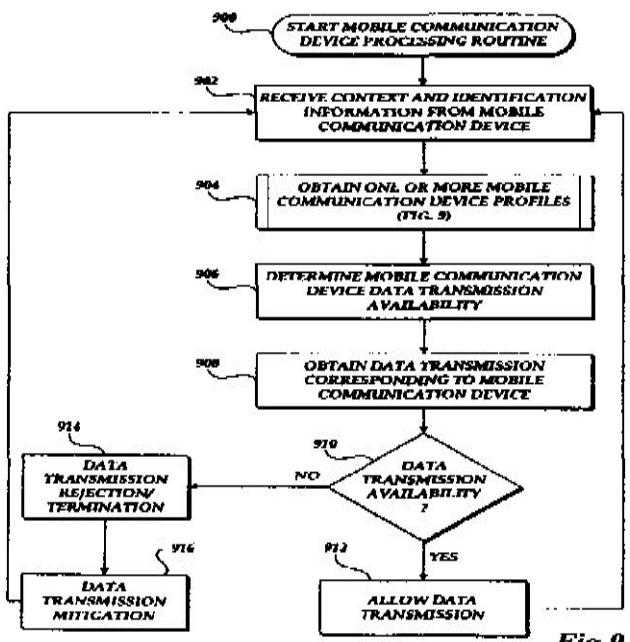


Fig. 9.

No. of Pages : 55 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8653/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF CHIRAL CYCLIC CARBAMATES

(51) International classification	:C07D 265/18
(31) Priority Document No	:09005218.4
(32) Priority Date	:09/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/002227
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/115641
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LONZA LTD.

Address of Applicant :MUNCHENSTEINERSTRASSE 38,
4052 BASEL (CH) Switzerland

(72)Name of Inventor :

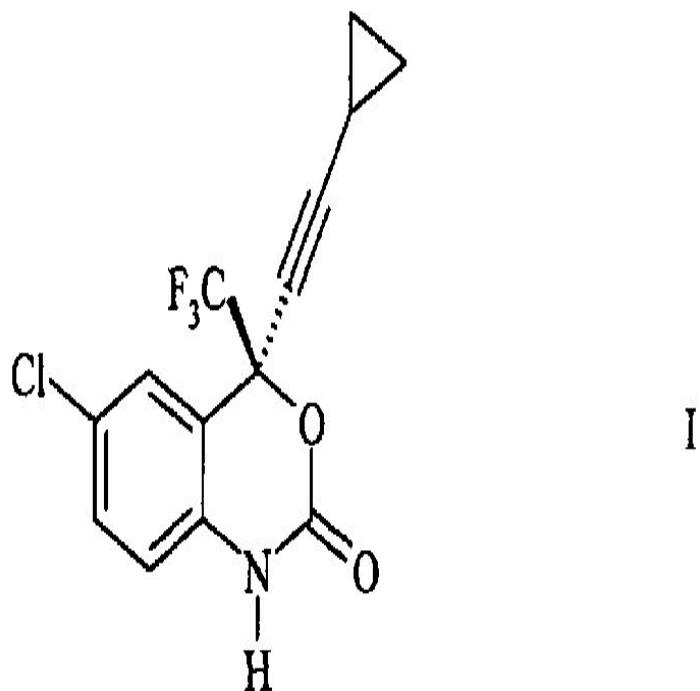
1)GRIFFITHS, GARETH-JOHN

2)LORENZI, MIRIAM

3)WARM, ALEKSANDER

(57) Abstract :

The invention is directed to a process for the preparation of a chiral cyclic carbamate of formula (I) and/or mirror image, and/or a salt thereof, from the corresponding o-aminobenzyl alcohol and/or salts thereof.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8657/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SHAVING CARTRIDGES HAVING A PLURALITY OF ARRAYS

(51) International classification	:B26B 21/40
(31) Priority Document No	:61/177,782
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033456
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/132227
(61) 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 GILLETTE COMPANY

Address of Applicant :WORLD SHAVING
HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT - 3E,
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U.S.A.

(72)Name of Inventor :

1)FATHALLAH, PAUL
2)O'CONNOR, WILLIAM, THOMAS
3)JOHNSON, ROBERT, HAROLD

(57) Abstract :

A razor blade cartridge (14) which has a housing (20) with a proximal end portion (24), a distal end portion (26), and one or more blades (22) mounted within the housing. An elongated resilient skin contacting element (60) is joined to the proximal end portion of the housing. The elongated resilient skin contacting element has an alignment array of skin contacting members (110) having a pattern of one or more flexible skin-engaging projections (112) that are generally transverse to one or more of the blades and define a plurality of open channels that facilitate the generally unobstructed passage of hair to one or more of the blades during shaving. The elongated resilient skin contacting element also has at least one additional array of skin contacting members (80, 90, 100) having a pattern that is different than the pattern of the alignment array of skin contacting members.

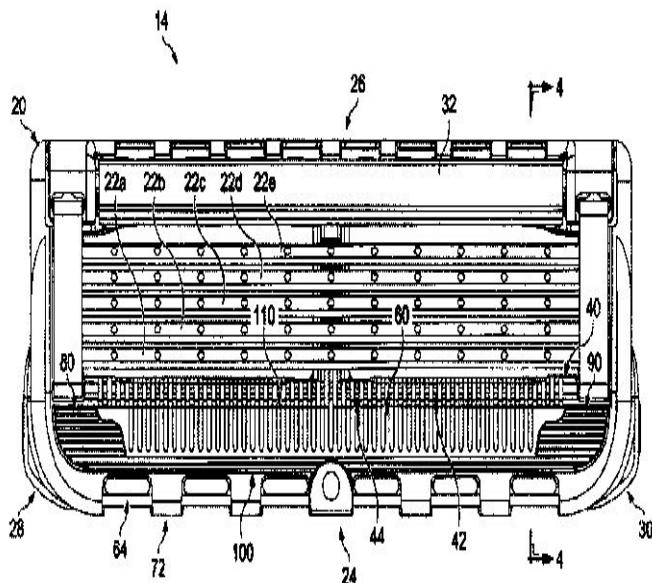


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8659/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ANTENNA SHEET, DATA CARRIER WITH NON-CONTACT IC, AND METHOD FOR MANUFACTURING ANTENNA SHEET

(51) International classification	:G06K 19/077	(71) Name of Applicant : 1)TOPPAN PRINTING CO., LTD. Address of Applicant :5.1, TAITO 1-CHOME, TAITO-KU, TOKYO 1108560, JAPAN
(31) Priority Document No	:2009-109859	
(32) Priority Date	:28/04/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/003060	(72) Name of Inventor :
Filing Date	:28/04/2010	1)GOTOU, HIROYOSHI
(87) International Publication No	:WO 2010/125818	
(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 manufacturing an antenna sheet, includes: a pressing step in which an overlapped portion of an antenna coil and/or a connection pattern formed from a metal material and provided on one surface of a substrate formed from a thermoplastic resin, and a conductive member formed from a metal material and provided on the other surface of the substrate is pressed using a pressing unit at least from the surface of one side of the substrate; and a welding steps in which the overlapped portion of the antenna coil and/or the connection pattern and the conductive member is welded.

No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8648/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AQUEOUS DISPERSIONS OF POLYMER PARTICLES

(51) International classification	:C08F 2/22
(31) Priority Document No	:PR 9708
(32) Priority Date	:21/12/2001
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU02/01735
Filing Date	:20/12/2002
(87) International Publication No	:WO 03/055919
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1980/DELNP/2004
Filed on	:09/07/2004

(71)Name of Applicant :

1)UNIVERSITY OF SYDNEY

Address of Applicant :SYDNEY, NEW SOUTH WALES
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(72)Name of Inventor :

1)SUCH, CHRISTOPHER HENRY

2)RIZZARDO, EZIO

3)SERELIS, ALGIRDAS KAZIMIERAS

4)HAWKETT, BRIAN STANLEY

5)GILBERT, ROBERT GOULSTON

6)FERGUSON, CHRISTOPHER JAMES

7)HUGHES, ROBERT JOHN

(57) Abstract :

The invention provides a method for preparing an aqueous dispersion of polymer particles comprising the following steps: (i) preparing a dispersion having a continuous aqueous phase, a dispersed organic phase comprising one or more ethylenically unsaturated monomers, and an amphiphilic RAFT agent as a stabiliser for said organic phase, and (ii) polymerising said one or more ethylenically unsaturated monomers under the control of said amphiphilic RAFT agent to form said aqueous dispersion of polymer particles, novel amphiphilic RAFT agents for use in this method, novel RAFT agents useful in making these amphiphilic RAFT agents and methods for their manufacture.

No. of Pages : 87 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8678/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SHORT-TIME HIGH TEMPERATURE TREATMENT GENERATES MICROBIAL PREPARATIONS WITH ANTI-INFLAMMATORY PROFILES

(51) International classification	:A61K 35/74	(71) Name of Applicant :
(31) Priority Document No	:09159925.8	1)NESTEC S.A.;
(32) Priority Date	:11/05/2009	Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/056284	1)PRIOULT, GUENOLEE
Filing Date	:07/05/2010	2)MERCENIER, ANNICK
(87) International Publication No	:WO 2010/130659	
(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 generally relates to the field of bacteria. In particular, the present invention concerns short-time high temperature treated probiotics and/or dairy starter cultures and applications of these bacteria. One embodiment of the present invention relates to short-time high temperature treated probiotics and/or dairy starter cultures and their use to prepare compositions to treat or prevent inflammatory disorders.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8681/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BORINIC COMPOSITIONS

(51) International classification	:A61Q 11/00
(31) Priority Document No	:61/183,788
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037220
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141693
(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)PORTER VENDA

2)MORGAN ANDRE

3)JARACZ STANISLAV

4)GRONLUND JENNIFER

5)XU GUOFENG

6)WU DONGHUI

7)PRENCIPE MICHAEL

8)SUBRAMANYAM RAVI

(57) Abstract :

A stabilized oral care composition comprising a borinic acid derivative, e.g., a borinic ester.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8684/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ORAL CARE FORMULATIONS THAT ENHANCE AMOUNT OF SOLUBLE ZINC

(51) International classification

:A61K 8/27

(31) Priority Document No

:61/181,116

(32) Priority Date

:26/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/036140

Filing Date

:26/05/2010

(87) International Publication No

:WO 2010/138544

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COLGATE-PALMOLIVE COMPANY

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(72)Name of Inventor :

1)CAMPBELL THOMAS SCOTT

2)BOYD THOMAS JAMES

3)FISHER STEVEN WADE

4)PRENCIPE MICHAEL

(57) Abstract :

An oral care composition and method are described in which the composition includes a film or a plurality of film fragments entrained in a carrier. The film or plurality of film fragments comprises a zinc compound and the carrier comprises a polysaccharide and a maleic anhydride copolymer. The composition and methods provide benefits including one or more of increased consumer acceptability, improved solubility of zinc thus permitting the use of lower amounts of zinc compounds and reducing the adverse astringency associated with zinc, decreased adverse reactions brought about by the presence of zinc ions, enhanced aesthetics, improved stability for active or other functional materials, and controlled delivery of active materials such as zinc.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8686/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : NOVEL FORMULATIONS OF WATER-SOLUBLE POLYMERS AND STABILIZING ADDITIVES FOR INJECTING A SINGLE COMPOUND USEABLE IN INJECTION FLUIDS FOR CHEMICAL ENHANCED OIL RECOVERY

(51) International classification	:C09K 8/58
(31) Priority Document No	:0953258
(32) Priority Date	:18/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2009/057270
Filing Date	:12/06/2009
(87) International Publication No	:WO 2010/133258
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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ANDREZIEUX BOUTHEON, FRANCE

(72)**Name of Inventor :**

1)FAVERO CEDRICK

2)GAILLARD NICOLAS

3)GIOVANNETTI BRUNO

(57) Abstract :

Composition based on anionic polymers or water-soluble amphoteric (co)polymers suitable for viscosifying the injection fluids for oil recovery, characterized in that, before dilution with the injection fluid, it further contains at least 3 stabilizing agents selected from the group comprising oxygen reducing agents, precipitating agents, free radical scavengers, complexing agents and sacrificial agents, the said stabilizing agent being suitable for preventing the chemical degradation of the polymer once the polymer is introduced into the injection fluid.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8689/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MULTI-BIT USE OF A STANDARD OPTOCOUPLER

(51) International classification	:H04B 10/00
(31) Priority Document No	:12/492,378
(32) Priority Date	:26/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033346
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/151371
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LIBERTY HARDWARE MFG. CORP.

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STATES OF AMERICA

(72)Name of Inventor :

1)XU, JIAN

2)FINCH, JOHN GERARD

(57) Abstract :

A method of indicating multi-bit values using a single optocoupler indicates a first multi-bit value in response to a first range of optocoupler output voltages, and indicates a second multi-bit value in response to a second range of optocoupler output voltages. The first range is different from the second range. Fig. 1

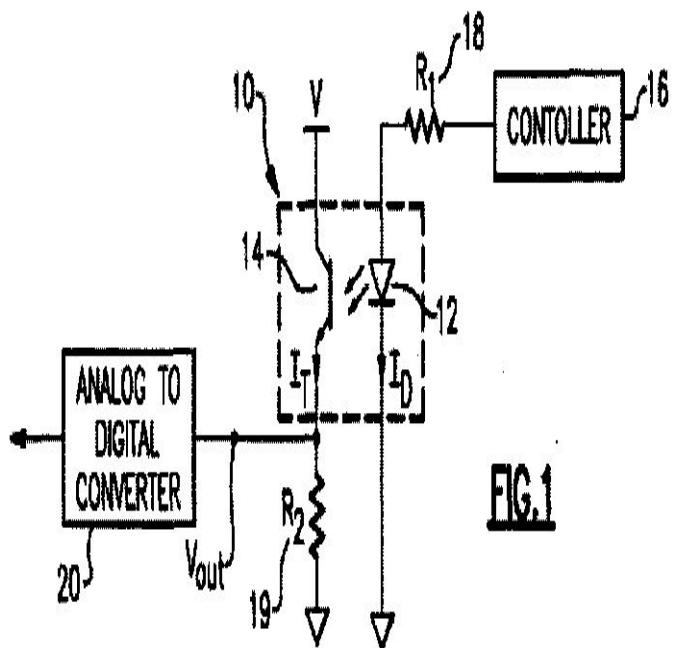


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8621/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SPECTRALLY SELECTIVE COATINGS AND ASSOCIATED METHODS FOR MINIMIZING THE EFFECTS OF LIGHTNING STRIKES

(51) International classification	:C09D 5/00	(71) Name of Applicant :
(31) Priority Document No	:12/474,965	1)THE BOEING COMPANY
(32) Priority Date	:29/05/2009	Address of Applicant :100 NORTH RIVERSIDE PLAZA, CHICAGO, ILLINOIS 60606-2016, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/035193	1)MICHAEL M. LADD
Filing Date	:18/05/2010	
(87) International Publication No	:WO 2010/138336	
(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 reducing structural damage to a substrate resulting from interaction between said substrate and a plasma, said method comprising the steps of: identifying a wavelength at which a spectral radiance of said plasma is at a peak, said wavelength being a function of a temperature of said plasma; preparing a coating capable of imparting to said substrate a threshold electromagnetic reflectivity over a spectral band about said wavelength; and applying said coating to said substrate.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8622/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TRANSALKYLATION OF POLYCYCLOCHEXYBENZENES

(51) International classification

:C07C 4/18

(31) Priority Document No

:61/181,133

(32) Priority Date

:26/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/031029

Filing Date

:14/04/2010

(87) International Publication No

:WO 2010/138248

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)EXXONMOBIL CHEMICAL PATENTS INC.

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TX 77520-2101, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)KUN WANG

2)JANE C. CHENG

3)TERRY EUGENE HELTON

(57) Abstract :

In a process for the transalkylation of polycyclohexylbenzenes, a feed containing at least one polycyclohexylbenzene is contacted with benzene under transalkylation conditions with a catalyst comprising a zeolite USY having a silica to alumina molar ratio in excess of 10 to convert at least part of said polycyclohexylbenzene to cyclohexylbenzene.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8624/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR THE SPECTRAL ANALYSIS OF A METAL COATING LAYER DEPOSITED ON THE SURFACE OF A STEEL STRIP

(51) International classification	:G01N 21/89	(71) Name of Applicant :
(31) Priority Document No	:09290338.4	1)SIEMENS VAI METALS TECHNOLOGIES SAS Address of Applicant :51, RUE SIBERT, F-42403 SAINT CHAMOND, FRANCE
(32) Priority Date	:07/05/2009	(72) Name of Inventor :
(33) Name of priority country	:EUROPEAN UNION	1)JEAN PERRET 2)MARC MICHAUT 3)LAURENT CLOUTOT
(86) International Application No	:PCT/EP2009/056564	
Filing Date	:28/05/2009	
(87) International Publication No	:WO 2010/127713	
(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 method for the spectral analysis of a metal coating layer deposited on the surface of a steel strip (1), characterized by the following steps: said strip is moved along an outer surface are (813) of a rotating roll (8) having a cylindrical wall guiding the strip by contact, a laser ablation beam is delivered via an internal cavity to the cylindrical wall such that it is optically incident, along an axis (41) normal to the outer surface of the roll, on a target contact point (11) of the strip and the roll, said beam passing through the wall via a wall opening (811), which is transparent to the beam, a spectral plasma emission distribution from the laser ablation of the contact point is collected by optical feedback along the axis (41) normal to the outer surface of the roll and through the opening in order to be delivered to a spectral measurement unit, the axis normal to the outer surface used for optical incidence and feedback is moved in rotation synchronous to the roll. The invention also relates to a device with a plurality of embodiments for implementing the method of the invention, as well as to the advantageous uses thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8691/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SOLID CATALYST COMPOSITION AND METHOD OF REACTIVATING A SOLID DISPROPORTIONATION OR TRANSESTERIFICATION CATALYST COMPOSITION

(51) International classification	:C07C 69/96
(31) Priority Document No	:11/256,394
(32) Priority Date	:21/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US06/033943
Filing Date	:30/08/2006
(87) International Publication No	:WO 2007/050190
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:9443/DELNP/2007
Filed on	:07/12/2007

(71)**Name of Applicant :**

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Address of Applicant :10100 BAY AREA BOULEVARD,
PASADENA, TX 77507, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)JI-YONG RYU

(57) Abstract :

A method of reactivating a solid disproportionation or transesterification catalyst composition which has been deactivated by polymer deposited thereon, wherein the catalyst composition is selected from the group consisting of oxides, hydroxides, oxyhydroxides and alkoxides of two to four elements from Group IV, V, and VI of the Periodic Table supported on porous material which have surface hydroxyl groups, the method comprising: contacting the deactivated catalyst with a fluid comprising a hydroxyl containing compound in a solvent selected from the group consisting of benzene, toluene, xylenes, pentane, hexane, octane, decane, THF, and mixtures thereof, at a temperature in the range of 250° to 600° F.; and depolymerizing the polymer by reacting the polymer with the hydroxyl containing compound.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8693/DELNP/2011 A

(43) Publication Date : 11/01/2013

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

(51) International classification	:H04W 28/06	(71) Name of Applicant :
(31) Priority Document No	:P2009-113868	1)SONY CORPORATION
(32) Priority Date	:08/05/2009	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/JP2010/056919	1)RYOTO KIMURA
Filing Date	:19/04/2010	2)HIROAKI TAKANO
(87) International Publication No	:WO 2010/128621	3)YUICHI MORIOKA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Frames in a variable length frame format which are addressed to a plurality of users are multiplexed and preferably transmitted. Data frames having different lengths are multiplexed on a same time through space division multiple access, but since the multiplexed frames are transmitted while eventually having a same length, when the multiplexed data frames from the access point STA0 are received in the respective communication stations STA1 to STA3 in FIG. 4 or when data simultaneously transmitted from the respective communication stations STA1 to STA3 are received in the access point STA0 in FIG. 5, it is possible to eliminate an operation instability of AGC.

No. of Pages : 83 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8668/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : NETWORK AUTONOMOUS WIRELESS LOCATION SYSTEM

(51) International classification	:G01S 1/24
(31) Priority Document No	:12/428,325
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028951
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/123655
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TRUEPOSITION, INC.

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(72)Name of Inventor :

1)BULL, JEFFREY F.

2)WARD, MATTHEW

(57) Abstract :

A Network Autonomous Wireless Location System (NAWLS) is designed to allow for precise location of a mobile device (e.g., a cell phone) without interconnection to, and with minimal disruption of, the local wireless communications network. Using distributed radio network monitors (RNM) and a managed network emulator (NE); mobile devices are sampled, acquired or captured. Once triggered by the RNM or NE, an untethered wireless location system (U-WLS) is used to calculate a precise location. The U-WLS; comprising mobile receiver sites, each capable of self location, exchanging information with other components of the NAWLS, and receiving or exchanging signals from the mobile device; utilizes various network-based and handset-based wireless location techniques dependent on the deployed options. In addition, the NAWLS includes data links interconnecting the U- WLS, NE and RNM.

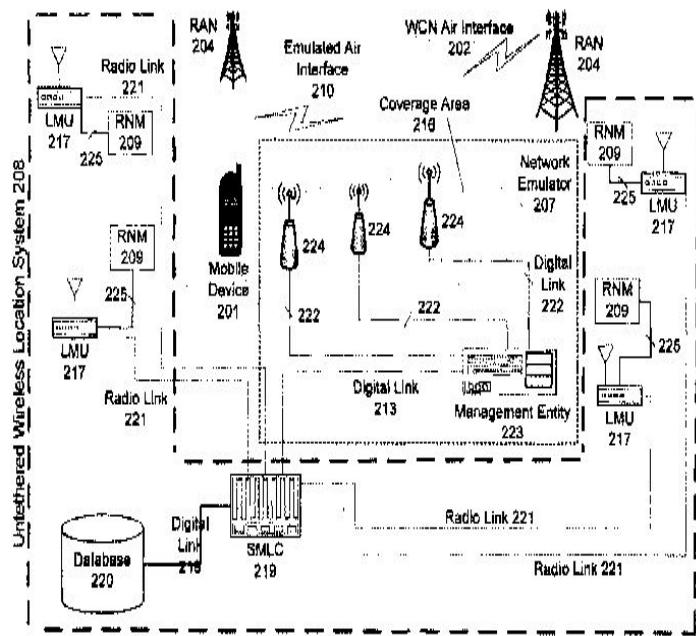


FIGURE 2c

No. of Pages : 89 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8669/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PLASTIC SPICE CONTAINER AND METHODS OF MANUFACTURING SAME

(51) International classification	:A47G 19/24
(31) Priority Document No	:61/171,584
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032024
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/124067
(61) Patent of Addition 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)CRONIN, EDWARD, P.

2)SOLOWIEJKO, GEORGE

(57) Abstract :

A spice container and method of making same is provided. The spice container includes a plastic container body and a plastic lid ultrasonically welded to an open end of the container body. The method of making the spice container includes molding the container body from plastic as a one-piece construction. However, during molding, prior to cooling, the container body has a rectangular outer periphery proximate a closed end and an outer periphery at an opposite end having at least one side that bows radially outward. After molding and after cooling, the outer periphery proximate the opposite end has a generally rectangular shape as the bowed side cools and shrinks to a generally straight side.

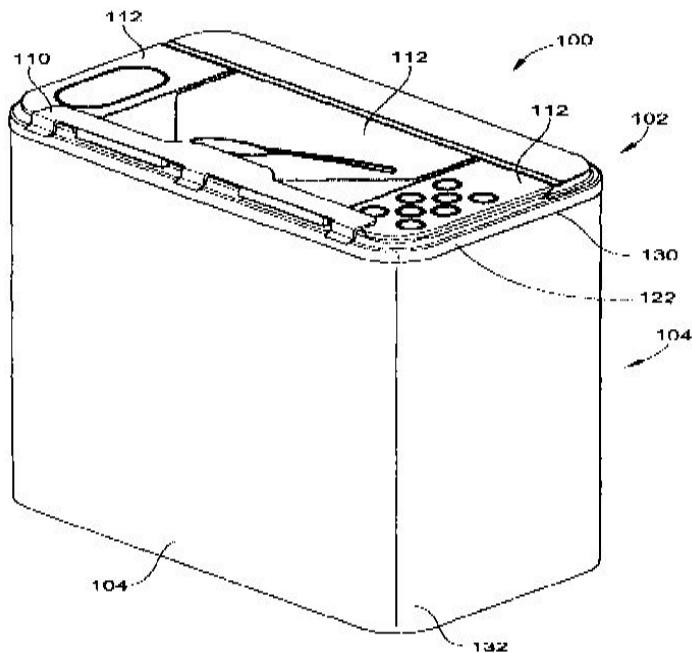


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8671/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BAGGED FILTER CARTRIDGE, SYSTEM AND METHODS

(51) International classification	:B01D 27/08
(31) Priority Document No	:12/424,934
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030860
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/120754
(61) Patent of Addition 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 :8314 TIOGAWOODS DRIVE,
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(72)Name of Inventor :

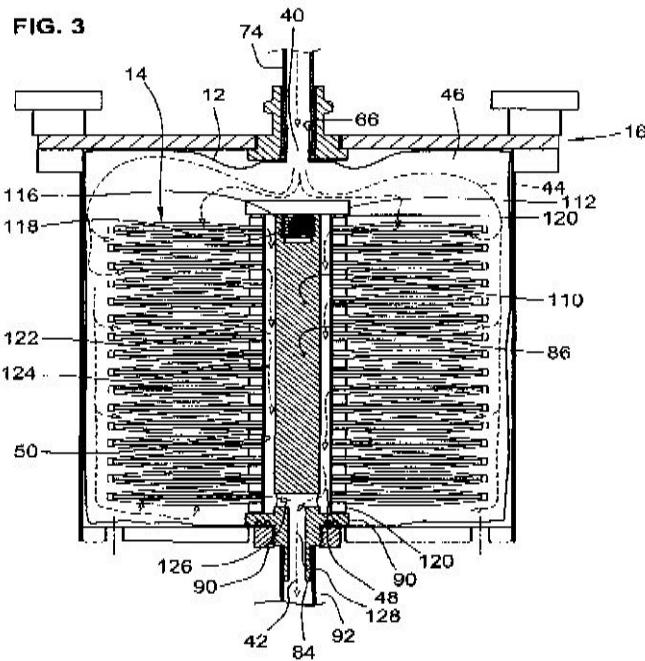
1)RIVERA, PARIS

2)FLOREZ, PETE

3)JOHNSON, RICHARD

(57) Abstract :

A filter is provided comprising a filter media element enclosed by an impermeable bag with inlet and outlet ports provided for flow into and out of the bag and through the filter media element contained in the bag. The bag may be constructed of a sheet of plastic material of multiple layers. The filter element may be a stack of filter media disks for depth filtration and adsorption. The filter provides for cleanly change out, with unfiltered fluid being contained in the bag on the upstream side of the filter element within the bag. FIG. 3



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8673/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ENTERAL CONNECTORS AND SYSTEMS

(51) International classification	:A61M 39/10
(31) Priority Document No	:61/176,964
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/034358 :11/05/2010
(87) International Publication No	:WO 2010/132427
(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)ABBOTT LABORATORIES

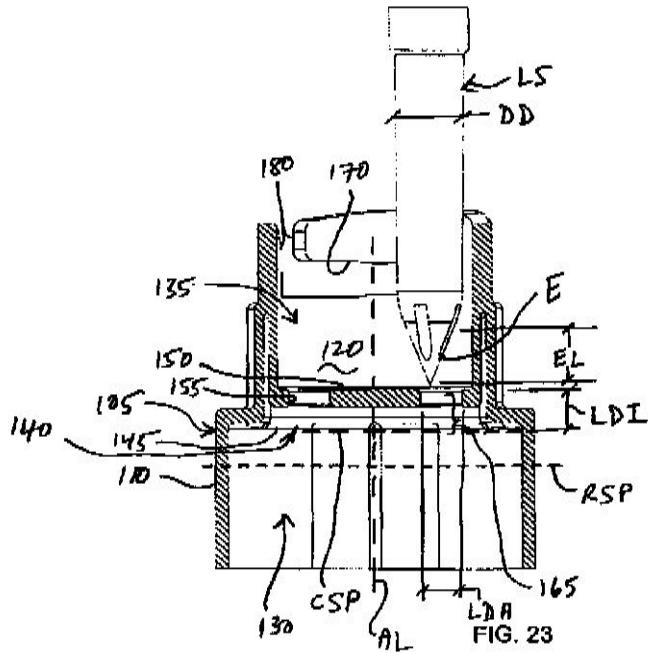
Address of Applicant :DEPT. 377/AP6P-1, 100 ABBOTT PARK ROAD, ABBOTT PARK, IL 60064, UNITED STATES OF AMERICA

(72)Name of Inventor :

- 1)KROPCZYNSKI, JOHN**
- 2)PERRY, JAMES**
- 3)WALTER, MEGHAN**
- 4)KOPILEC, DENNIS**
- 5)CAMERON, ALLAN**
- 6)CICCONE, CHRISTINE**
- 7)PARENT, THOMAS**
- 8)STONECIPHER, BRIAN**
- 9)WALKER, PHILIP**
- 10)WILSON, JAMES**

(57) Abstract :

An enteral connector assembly and system (700) communicates fluid between a bag B' or a bottle B and an enteral feeding set. The system (700) includes an end cap (705) that communicates enteral fluid across a barrier (715) having a specially configured barrier key way (720) formed with a barrier port (725). The barrier (715) establishes an interstice (165) that when combined with the spike barrier (715) prevents introduction of and fluid communication with legal intravenous spikes (LS) and other incompatible connectors, while enabling connection to and fluid communication with compatible components such as an interconnect (740) having multiple tines (745) that include specially shaped tips (750) that extend across the interstice (165) to pierce a seal, septum, and/or sealing membrane and form a fluid pathway.



No. of Pages : 93 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8710/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR REDUCTION OF A SOLID FEEDSTOCK

(51) International classification	:C25C 7/00
(31) Priority Document No	:0908152.3
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000954
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130995
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)METALYSIS LIMITED

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(72)Name of Inventor :

1)DUDLEY, PETER, G.

2)WRIGHT, ALLEN, RICHARD

(57) Abstract :

In a method for reducing a solid feedstock (110), such as a solid metal compound, feedstock is arranged on upper surfaces of elements (60, 80, 81) in a bipolar cell stack contained within a housing (25). A molten salt electrolyte is circulated through the housing so that it contacts the elements of the bipolar stack and the feedstock. A potential is applied to terminal electrodes (50, 60) of the bipolar stack such that the upper surfaces of the elements become cathodic and the lower surfaces of the elements become anodic. The applied potential is sufficient to cause reduction of the feedstock. The invention also provides an apparatus for implementing the method.

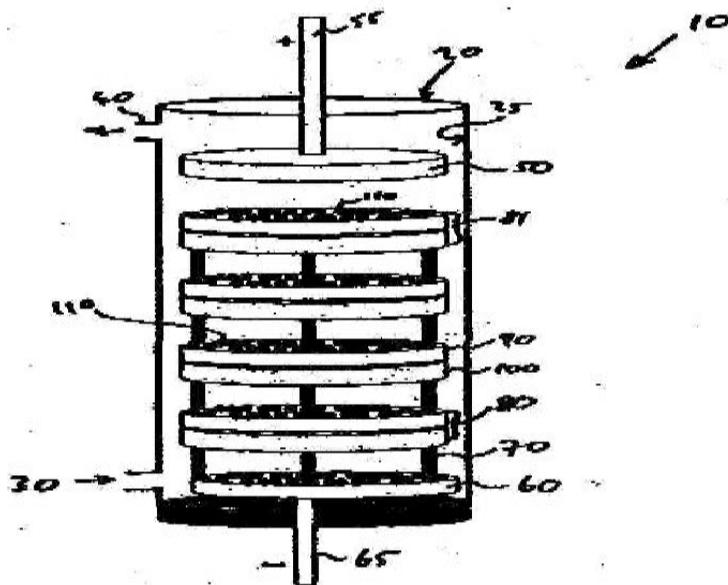


FIGURE 1

No. of Pages : 39 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.87/DELNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR HARVESTING ALGAE FROM PHOTOBIOREACTORS

(51) International classification	:C12M 1/00	(71) Name of Applicant : 1) SOLIX BIOSYSTEMS, INC. Address of Applicant :430B NORTH COLLEGE AVENUE, FORT COLLINS, COLORADO 80524, U.S.A.
(31) Priority Document No	:61/220,136	2) COLORADO STATE UNIVERSITY RESEARCH FOUNDATION
(32) Priority Date	:24/06/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/039709 :23/06/2010	1) HENTGES, PETER F. 2) BARLOW, THOMAS CARROLL 3) PENOYER, JEFF TYLER 4) GORHAM, DAVID SCOTT 5) QUINN, JASON CHARLES 6) LETVIN, PETER ALLEN 7) TURNER, CHRISTOPHER WAYNE 8) BABBITT, GUY ROBERT 9) ECHTER, NICHOLAS PAUL 10) HOWLAND, JAMES WILLIAM
(87) International Publication No	:WO 2010/151606	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for harvesting algae according to embodiments of the present invention includes filling a reservoir at least partially with a liquid, submerging a bag at least partially in the liquid, the bag containing media, the media comprising algae, the bag comprising a first end, a second end, a harvesting port located closer to the first end than to the second end, and a gas port, delivering gas into the bag through the gas port, and raising the second end of the bag by accumulating the gas at the second end to flow the media toward the harvesting port.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8701/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD FOR SEPARATING N, N-DIALKYLBISAMINOALKYLETHER FROM MIXTURES COMPRISING, N, N-DIALKYLBISAMINOALKYLETHER AND AT LEAST ONE OF N, N, N' - TRIALKYLBISAMINOALKYLETHER AND N, N, N', N' - TETRAALKYLBISAMINOALKYLETHER

(51) International classification	:C07C 213/10
(31) Priority Document No	:61/183,165
(32) Priority Date	:02/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2010/056143 :06/05/2010
(87) International Publication No	:WO 2010/139520
(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)HUNTSMAN INTERNATIONAL LLC

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2)ZSOLT GASPAR

3)GABOR FELBER

4)ATTILA GASPAR

5)ROBERT ALISON GRIGSBY JR.

6)IMRE KORDAS

7)PETRA EMMA VANDERSTRAELEN

(57) Abstract :

According to the present invention, a method for separating a primary amine being an N,N- dialkyl-bisaminoalkylether, from mixtures comprising said primary amine and at least one of a secondary amine being an N,N,N'-trialkyl-bisaminoalkylether and a tertiary amine being an N,N,N'N'-tetraalkylbisaminoalkylether, comprising the steps: (a) joining said mixture and at least one of a ketone and an aldehyde for reacting said primary amine with said at least one of a ketone and an alde-hyde, thereby providing a primary amine based imine by a Schiff base reaction; () separating the primary amine based imine from said at least one of the secondary or tertiary amine; and (y) recovering the primary amine from its primary amine based imine by hydrolysis of the primary amine based imine.

No. of Pages : 46 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8702/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FUSED THIOPHENES, ARTICLES AND METHODS THEREOF

(51) International classification	:C07D 333/50
(31) Priority Document No	:12/473,652
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036284
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/138650
(61) Patent of Addition 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)MINGQIAN HE

2)THOMAS MARK LESLIE

3)WEIJUN NIU

(57) Abstract :

Fused thiophene (FT) compounds, FT polymers, FT containing articles, and methods for making and using the FT compounds and polymers thereof of the formulas, as defined herein.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8704/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : THREADED CONNECTION FOR DRILLING AND OPERATING HYDROCARBON WELLS

(51) International classification	:E21B 17/042
(31) Priority Document No	:0902497
(32) Priority Date	:20/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/002805
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/133299
(61) Patent of Addition 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)SUMITOMO METAL INDUSTRIES LIMITED

(72)**Name of Inventor :**

1)SCOTT GRANGER
2)OLIVIER CARON
3)ERIC VERGER

(57) Abstract :

A set for manufacturing a threaded connection, comprising a first and a second tubular component with an axis of revolution (10), one of their ends (1, 2) being provided with a threaded zone (3; 4) formed on the external or internal peripheral surface of the component depending on whether the threaded end is of the male or female type, said ends (1,2) finishing in a terminal surface (7, S), said threaded zones (3; 4) comprising, over at least a portion, threads (32, 42) comprising, viewed in longitudinal section passing through the axis of revolution (10) of the tubular components, a thread crest (35, 45), a thread root (36, 46), a load flank (30; 40) and a stabbing flank (31; 41), the width of the thread crests (35, 45) of each tubular component reducing in the direction of the terminal surface (7; 8) of the tubular component under consideration, while the width of the thread roots (36, 46) increases, the profiles of the load flanks and/or the stabbing flanks of the male and female threaded zones, viewed in longitudinal section passing through the axis of revolution (10) of the tubular components, each having at least one identical portion (E, E') such that the male and female threads can be fitted one into the other over said identical portions (E, E') when the first and second tubular components are made up one into the other, characterized in that the identical portions (E, E') of the male and female ends (1, 2) are radially offset with respect to each other.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8705/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 6-(ARYL)-4-AMINOPICOLINATES

(51) International classification	:C07D 213/79
(31) Priority Document No	:61/184,874
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037670
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/144380
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)JAMES RENGA

2)GREGORY WHITEKER

3)KIM ARNDT

4)CHRISTIAN LOWE

(57) Abstract :

3-Halo-6-(aryl)-4-iminotetrahydropicolinic acid esters are heated with polar solvents to prepare 6-(aryl)-4-aminopicolinates.

No. of Pages : 39 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8706/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CARBONYLATION PROCESS

(51) International classification	:B01J 29/18
(31) Priority Document No	:09251310.0
(32) Priority Date	:14/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/GB2010/000917
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/130973
(61) Patent of Addition 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)EVERT JAN DITZEL

2)BODGAN COSTIN GAGEA

(57) Abstract :

A process for the production of at least one carbonylation product selected from acetic acid and methyl acetate which process comprises carbonylating at least one carbonylatable reactant selected from methanol and reactive derivatives thereof with carbon monoxide in the presence of a catalyst, wherein said catalyst is a mordenite which has been treated with an aqueous ammonium hydroxide solution and has a silica : alumina molar ratio of at least 10:1

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8707/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : USING THERMAL IMAGING FOR CONTROL OF A MANUFACTURING PROCESS

(51) International classification	:A61B 6/00
(31) Priority Document No	:61/178,540
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034658
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132634
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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NORTH 16TH STREET, PHILADELPHIA, PENNSYLVANIA
19102, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)ZANE A. ARP

(57) Abstract :

A thermal imaging camera monitors the temperature different zones in a pharmaceutical process such as ribbon compaction, coating, spray drying, fluid bed drying, high shear wet granulation, crystallization, lyophilization, precipitation, fermentation, and low dosage dispensing of a pharmaceutically active liquid. The thermal imaging camera can be used to produce a visual display of a temperature profile, or a spray pattern. In addition, feedback from the thermal imaging camera is used to control one or more processing parameters.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8720/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : RUN-UP METHOD FOR A SOLAR STEAM POWER PLANT

(51) International classification :F01K 13/02
(31) Priority Document No :61/220,691
(32) Priority Date :20/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/058720
 Filing Date :21/06/2010
(87) International Publication No :WO 2010/149614
(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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Address of Applicant :WITTELSBACHERPLATZ 2, 80333,
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(72) Name of Inventor :

- (72) Name of Author :
1)BIRNBAUM, JURGEN
2)FICHTNER, MARKUS
3)REISSIG, MARK
4)SATTELBERGER, MARC

(57) Abstract :

In a run-up method for a solar steam power plant (1) auxiliary steam (AS) is used to generate seal steam (SS) for a steam-turbine (6) of the power plant (1), wherein the auxiliary steam (AS) is produced by a heat-exchanger-system (5) that is realized to provide, during a subsequent power-mode, overheated steam (OS) for driving the steam-turbine (6). Fig.

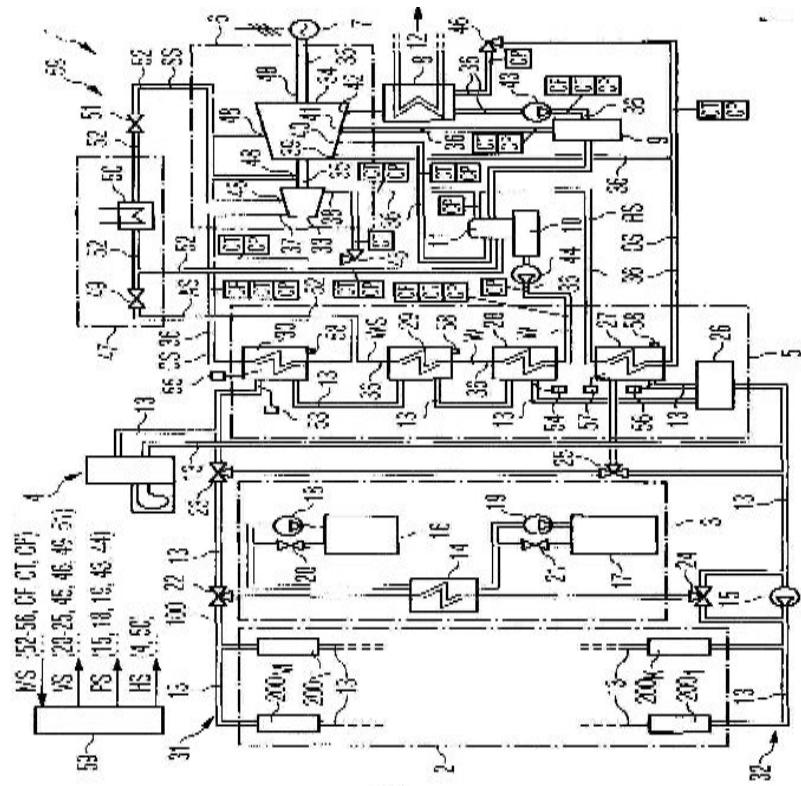


Fig:

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8722/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TUNNEL DIODES MADE OF STRESS-COMPENSATED COMPOUND SEMICONDUCTOR LAYERS

(51) International classification	:H01L 31/068	(71) Name of Applicant :
(31) Priority Document No	:09006342.1	1)FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG
(32) Priority Date	:11/05/2009	DER ANGEWANDTEN FORSCHUNG E.V.
(33) Name of priority country	:EUROPEAN UNION	Address of Applicant :HANSASTRASSE 27C, 80686 MUNCHEN, GERMANY
(86) International Application No	:PCT/EP2010/002907	(72) Name of Inventor :
Filing Date	:11/05/2010	1)WOLFGANG GUTER
(87) International Publication No	:WO 2010/130421	2)FRANK DIMROTH
(61) Patent of Addition to Application Number	:NA	3)JAN SCHONE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to semiconductor components, in particular solar cells made of III-V compound semiconductors, as are used in terrestrial PV concentrator systems or for electrical energy supply in satellites. However it is also used in other optoelectronic components, such as lasers and light diodes, where either high tunnel current densities are necessary or special materials are used and where stress in the entire structure is not desired.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8723/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TERMINAL CONNECTOR AND ELECTRIC WIRE WITH TERMINAL CONNECTOR

		<p>(71)Name of Applicant :</p> <p>1)AUTONETWORKS TECHNOLOGIES, LTD. Address of Applicant :1-14, NISHISUEHIRO-CHO, YOKKAICHI-SHI, MIE, 510-8503, JAPAN</p> <p>2)SUMITOMO WIRING SYSTEMS, LTD.</p> <p>3)SUMITOMO ELECTRIC INDUSTRIES, LTD.</p> <p>4)TOYOTA JIDOSHA KABUSHIKI KAISHA</p>
(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:H01R 4/18 :2009-106779 :24/04/2009 :Japan :PCT/JP2010/057138 :22/04/2010 :WO 2010/123061 :NA :NA :NA :NA	<p>(72)Name of Inventor :</p> <p>1)JUNICHI ONO</p> <p>2)HIROKI HIRAI</p> <p>3)TETSUJI TANAKA</p> <p>4)HIROKI SHIMODA</p> <p>5)TAKUJI OTSUKA</p> <p>6)MASAAKI TABATA</p> <p>7)KENJI OKAMURA</p> <p>8)KAZUHIRO AOKI</p> <p>9)TAKAHITO NAKASHIMA</p> <p>10)HIROSHI KOBAYASHI</p>

(57) Abstract :

An electric wire with a terminal connector 10 includes an electric wire 11 and a female terminal connector 12 crimped onto a core wire 13 exposed at the electric wire 11. A female terminal connector 12 has a wire barrel 16 having a surface to be applied to the core wire 13. The surface has a plurality of recesses 18 formed therein. Each recess 18 has a parallelogram-shaped opening edge. The opening edge of the recess 18 includes a pair of first opening edges 19 that are parallel to each other and a pair of second opening edges 20 that are parallel to each other and different from the first opening edges 19. The recesses 18 are spaced in the extending direction of the first opening edges 19 and are spaced in the extending direction of the second opening edges 20.

No. of Pages : 62 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8662/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INTEGRATION OF OPTICAL ELEMENT IN INSULATED GLAZING UNIT

(51) International classification	:G02B 5/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/055543
Filing Date	:07/05/2009
(87) International Publication No	:WO 2010/127702
(61) Patent of Addition 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)BEZZEL, EIK

2)JOHANSSON, ALICIA

3)BARHOLMHANSEN, CLAUS

(57) Abstract :

Disclosed is a method for integrating at least one optical element inside an insulated glazing unit comprising at least two glass panes, where the optical element has a plurality of perforations and a non-perforated area, where the non-perforated area prevents penetration of light in a building where the insulated glazing unit is mounted, and where the perforations have a depth/width ratio that allows for passage of light with given angles of incidence, while light having other angles of incidence are unable to pass through the perforations, which provides a shading effect, and wherein the optical element is arranged between the two glass panes by means of an adhesive, and where the adhesive is substantially not present in the perforations of the optical element.'

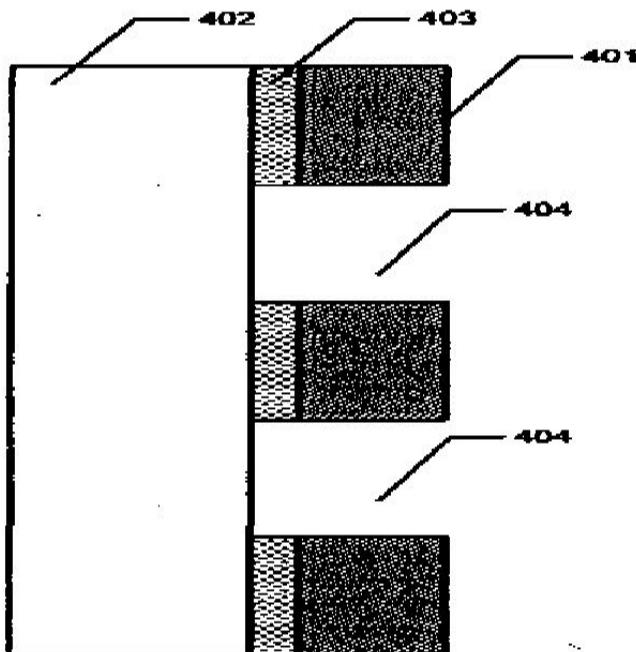


Fig. 4

No. of Pages : 55 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8731/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ON-BOARD CONTROL DETECTION

(51) International classification	:G01N 33/48
(31) Priority Document No	:61/170,440
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/000972
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/119341
(61) Patent of Addition 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)NEWMAN PETER MICHAEL
2)HODGES ALASTAIR M.

(57) Abstract :

Embodiments disclosed herein relate to a sensor comprising an on-board control system and a testing system. The on-board system can determine viability of the control system or the testing system. Also disclosed are methods of using such a sensor.

No. of Pages : 39 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8737/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CAGED ROLLER BEARING, CAGED ROLLER BEARING ASSEMBLY. AND CAGE

(51) International classification	:F16C 33/56
(31) Priority Document No	:2009-120891
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058099
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/134461
(61) Patent of Addition 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)SATO, MASANORI

2)ABE, KATSUFUMI

3)MURAKAMI, HITOSHI

4)KAWAI, HIROMITSU

(57) Abstract :

A caged roller bearing includes a plurality of rollers (1) and a roller retaining cage (2) having pockets (3) defined therein at circumferential locations thereof for accommodating the respective rollers (1) therein. A nickel plating layer, which is a plated backing layer (4), is applied to the entire surface of the roller retaining cage (2), and an Ni PTFE plated layer (5), containing nickel and polytetrafluoroethylene, is applied to the surface of the nickel plating layer.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8738/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LACTOBACILLUS JOHNSONII LA1 NCC533 (CNCM I-1225) AND IMMUNE DISORDERS

(51) International classification	:A61K 35/74
(31) Priority Document No	:09159925.8
(32) Priority Date	:11/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056295
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/130662
(61) Patent of Addition 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)PETIT, VALERIE

2)GARCIA-RODENAS, CLARA LUCIA

3)JULITA, MONIQUE

4)PRIOULT, GUENOLEE

5)MERCENIER, ANNICK

6)NUTTEN, SOPHIE HELENE

(57) Abstract :

The present invention generally relates to the field of preventing and/or treating inflammatory and infectious disorders, in particular by boosting the endogenous antimicrobial defences. One embodiment of the present invention is the use of nonreplicating *L. johnsonii* Lal NCC533 (deposit number CNCM 1-1225) for use in the treatment or prevention of disorders related to the immune system including infections.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8739/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COMPOSITION FOR PREVENTING HAIR LOSS OR FOR STIMULATING HAIR GROWTH

(51) International classification	:A61K 31/19
(31) Priority Document No	:10-2009-0041442
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/002982
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/131887
(61) Patent of Addition 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)PARK, WON SEOK**
- 3)KOH, HYUN JU**
- 4)PARK, PIL JOON**
- 5)KIM, SU NA**
- 6)CHOI, KANG-YELL**
- 7)YOON, JU-YONG**
- 8)LEE, SOUNG-HOON**

(57) Abstract :

Provided is a composition for preventing hair loss or for stimulating hair growth, containing valproic acid or the pharmaceutically acceptable salts thereof as active ingredients. The composition can be used in various fields such as pharmaceuticals, cosmetics, and beauty treatments.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8741/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR PRODUCING BUTANOL USING EXTRACTIVE FERMENTATION

(51) International classification	:C12P 7/16
(31) Priority Document No	:61/168,640
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/000966
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/119339
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GRADY, MICHAEL, CHARLES

2)HALLAM, JOHN, W.

3)JAHIC, MEHMEDALIJA

4)PATNAIK, RANJAN

(57) Abstract :

A method for producing butanol through microbial fermentation, in which the butanol product is removed by extraction into a water-immiscible extractant composition comprising a first solvent and a second solvent, is provided. The first solvent is selected from the group consisting of C12 to C22 fatty alcohols, C12 to C22 fatty acids, esters of C12 to C22 fatty acids, C12 to C22 fatty aldehydes, C12 to C22 fatty amides and mixtures thereof. The second solvent is selected from the group consisting of C7 to C11 alcohols, C7 to C11 carboxylic acids, esters of C7 to Cn carboxylic acids, C7 to C11 aldehydes, and mixtures thereof Also provided is a method for recovering butanol from a fermentation medium.

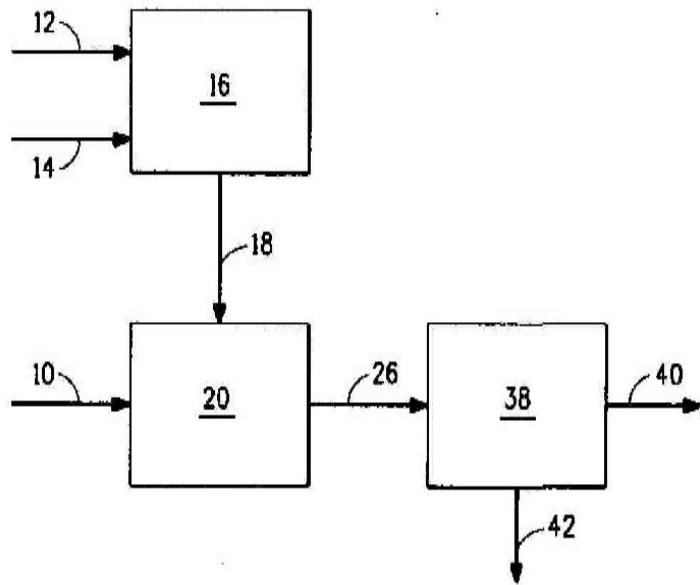


FIG. 1

No. of Pages : 168 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8742/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FUNCTIONAL UNDERPANTS FOR MEN

(51) International classification	:A41B 9/02
(31) Priority Document No	:10-2009-0031932
(32) Priority Date	:13/04/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/007459
Filing Date	:14/12/2009
(87) International Publication No	:WO 2010/120030
(61) Patent of Addition 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)BAEK GYEONG-SU

(57) Abstract :

Disclosed are functional underpants for men for securing air permeability and improving sexual health, the functional underpants comprising:- a penis support member (120) including a functional member and means of the functional member and having a double structure comprising an outer cloth (101) and an inner cloth (102); a scrotum support member (130) having a single structure and being inserted between the outer cloth (101) and the inner cloth (102) of the penis support member (120) having the double structure by sewing; and a rear member (140) connected to a lower end of the scrotum support member (130) having the single structure and to the left and right sides of the outer cloth (101) of the front portion of the underpants by means of sewing, characterized in that a penis pocket (260) and a scrotum pocket (270) are generated, respectively, due to application of tension and contractile force to the penis support member (120) and the scrotum support member (130) while a wearer wears the functional underpants, by a first bending section (210), a second bending section (230), a third bending section (250), a first curved portion (220), and a second curved portion (240) provided at the penis support member (120), the scrotum support member (130) and the rear member (140), wherein the first bending section (210) is formed by, when an entirety of the penis support member (120) is divided into three segments along a horizontal axis, a first segment from the upper portion of the penis support member (120) being cut in a vertical direction so as to be narrower than the first curved portion (220) which occupies the remaining two segments of the penis support member (120) and has a predetermined curvature and the first segment being connected with the upper end of the remaining two segments by sewing; the second bending section (230) is formed by being cut to have the first curved portion (220) which is connected to the first bending section (210) and has the predetermined curvature such that the remaining two segments of the segmented penis support member (120) form a parabola when being folded in half, and by being connected to an upper end of the scrotum support member (130) by means of sewing; and the third bending section (250) is formed by being cut to have a second curved portion (240) which is connected to the second bending section (230) and has a curvature that is larger than that of the first curved portion (220) of the penis support member (120) and by being connected to a lower end of the scrotum support member (130) and a lower end of the rear member (140) by means of sewing. . The functional underpants include a penis pocket and a scrotum pocket by which the penis region and the scrotum region can be independently and completely separated from each other, so that the functional underpants offer air permeability to the sexual organs and further improve sexual health while interoperating with gravity according to the characteristic of the two testicles having different sizes. Further, the functional underpants do not employ an expensive material or a band which might cause an unpleasant feeling in contrast to conventional underpants, thereby decreasing the number of operational processes and greatly reducing the manufacturing costs.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8743/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR OPTIMIZING AN EXTRACORPOREAL BLOOD TREATMENT

(51) International classification	:A61M 1/36
(31) Priority Document No	:10 2009 021 255.8
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002945
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130449
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HILGERS, PETER

2)TELCHER, JORG

(57) Abstract :

The invention relates to a method and an apparatus for optimizing an extracorporeal blood treatment using an extracorporeal blood treatment apparatus, comprising a dialyzer (1) or filter, which is divided into a first chamber (3) and a second chamber (4) by a semipermeable membrane (2), the first chamber being part of an extracorporeal blood circulation I and the second chamber of the dialyzer or filter being part of a dialysis fluid system II. Furthermore, the invention relates to an extracorporeal blood treatment apparatus with a device for optimizing the extracorporeal blood treatment and to a computer programme product to be executed on a data processing installation for carrying out a method for optimizing the extracorporeal blood treatment. The method and apparatus according to the invention are characterized in that at least one machine-specific treatment parameter for carrying out the treatment using the respective dialyzer or filter is determined with a computing unit for different types of dialyzers or filters. The computing unit allows determining the costs resulting from the determined machine-specific treatment parameters when using the respective dialyzer or filter. The determined costs for all types of dialyzers or filters are then displayed on a display unit. In this way, the information required for selecting the dialyzer or filter is provided to the treating doctor. The doctor can then select the dialyzer or filter in order to keep the costs of the blood treatment as low as possible.

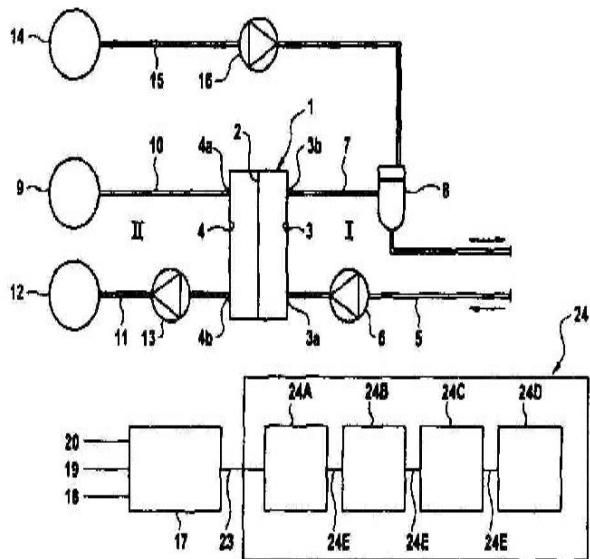


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8694/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HYDROFLUOROCARBON REFRIGERANT COMPOSITIONS FOR HEAT PUMP WATER HEATERS

(51) International classification	:C09K 5/04	(71) Name of Applicant :
(31) Priority Document No	:61/176,773	1)HONEY WELL INTERNATIONAL INC.
(32) Priority Date	:08/05/2009	Address of Applicant :101 COLUMBIA ROAD,
(33) Name of priority country	:U.S.A.	MORRISTOWN, NEW JERSEY 07962, UNITED STATES OF
(86) International Application No	:PCT/US2010/033362	AMERICA
Filing Date	:03/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/129461	1)SAMUEL F. YANA MOTTA
(61) Patent of Addition to Application Number	:NA	2)LAWRENCE CHIN
Filing Date	:NA	3)ZHILI LU
(62) Divisional to Application Number	:NA	4)MARK W. SPATZ
Filing Date	:NA	5)MAGGIE CAO

(57) Abstract :

Hydrofluorocarbon refrigerant compositions enable the use of existing compressor technologies in heat pump water heaters in a reliable (low discharge temperatures and pressures) and efficient (high capacity and efficiency) manner. The refrigerant comprises blends of pentafluoroethane (HFC-125), difluoromethane (HFC-32), tetrafluoroethane (HFC-134a) and tetrafluoropropene (HFO-1234ze).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8695/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HEAT TRANSFER COMPOSITIONS AND METHODS

(51) International classification	:C09K 5/04
(31) Priority Document No	:61/176,773
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034120
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/129920
(61) Patent of Addition 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)SAMUEL F. YANA MOTTA
2)MARK W. SPATZ
3)RONALD P. VOGL
4)ELIZABET DEL CARMEN VERA BECERRA

(57) Abstract :

Compositions, methods and systems which comprise or utilize a multi-component mixture comprising: (a) from about 10% to about 35% by weight of HFC-32; (b) from about 10% to about 35% by weight of HFC-125; (c) from about 20% to about 50% by weight of HFO-1234ze, HFO-1234yf and combinations of these; (d) from about 15% to about 35% by weight of HFC-134a; and optionally (e) up to about 10% by weight of CF3I and up to about 5% by weight of HFCO-1233ze, with the weight percent being based on the total of the components (a) - (e) in the composition

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8696/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 1,2,4-TRIOXOLANE ANTIMALARIALS

(51) International classification	:C07D 323/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2010/051656
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/119425
(61) Patent of Addition 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)GYAN CHAND YADAV

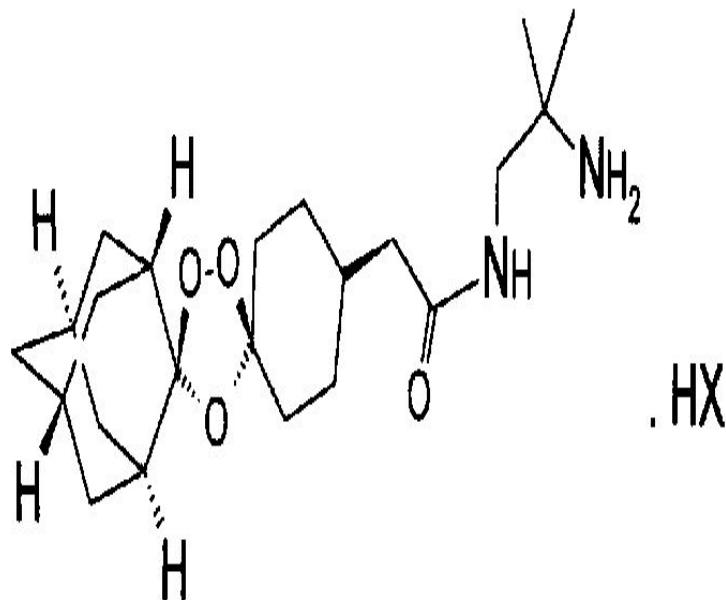
2)HARISH N. DORWAL

3)POOJA TANWAR

4)UDAI BHAN SINGH GAHLOT

(57) Abstract :

This invention relates to an improved process for the preparation of compounds of Formula I, salts of the free base cis-adamantane-2-spiro-3'-8'-[[(2'-amino-2'-methyl propyl) amino] carbonyl methyl]-1', 2', 4'-trioxaspiro [4.5] decane, Formula I wherein X is an anion. The compounds of Formula I have antimalarial activity.



Formula I

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8699/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CARBONYLATION PROCESS

(51) International classification	:C07C 51/12
(31) Priority Document No	:09251311.8
(32) Priority Date	:14/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/GB2010/000916
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/130972
(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)BOGDAN COSTIN GAGEA

3)DAVID JOHN LAW

4)JOHN GLENN SUNLEY

(57) Abstract :

A process for the production of at least one of acetic acid and methyl acetate by the carbonation of a carbonylatable reactant selected from methanol, methyl acetate and dimethyl ether with carbon monoxide in the presence of a catalyst, which catalyst is a desilicated mordenite.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8751/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BONE FIXATION ELEMENT WITH SELF-RETAINING CABLE TIE

(51) International classification	:A61B 17/70
(31) Priority Document No	:61/177,442
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033174
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/132217
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)URS HULLIGER

2)BRUNO LAENG

(57) Abstract :

A system for securing a bone fixation device to a bone comprises a flexible longitudinal element configured to wrap about and stabilize one of a target portion of bone and a bone stabilizing element. The longitudinal element includes a plurality of projections extending distally from a first surface thereof. Each projection includes a proximal abutting surface in combination with a bone fixation element including a channel extending therethrough sized and shaped to slidably receive therein a portion of the longitudinal element distal of the head. The bone fixation element includes a recess shaped to receive the head and prevent the head from being drawn distally through the channel. The bone fixation element or the longitudinal element includes a tab configured to engage one of the proximal abutting surfaces to prevent the projections of the longitudinal element from moving proximally relative to the tab.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8753/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF RADIATION CURABLE COMPOSITIONS

(51) International classification	:C08F 220/18
(31) Priority Document No	:09164179.5
(32) Priority Date	:30/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/059046
Filing Date	:25/06/2010
(87) International Publication No	:WO 2011/000783
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CHRIS W. MILLER

2)ROSALYN M. WALDO

(57) Abstract :

The present invention relates to a process for the preparation of radiation curable compositions comprising at least one radiation curable (meth)acrylic copolymer A and at least one (meth)acrylated epoxy compound B, said process comprising: - the preparation of a copolymer P by copolymerization of monomers comprising : (i) from 0.1 to 50 mole% of at least one epoxy (meth)acrylate (a1), and (ii) from 50 to 99.9 mole% of at least one other copolymerizable monomer (m) different from (a1) in the presence of at least one non-copolymerizable epoxy compound (b1) and - further reacting copolymer P thereby obtained and the non-copolymerizable epoxy compound (b1) with at least one carboxylic (meth)acrylate (a3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8747/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CARDIAC PUMP

(51) International classification	:A61M 1/10
(31) Priority Document No	:0906642.4
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000778
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/119267
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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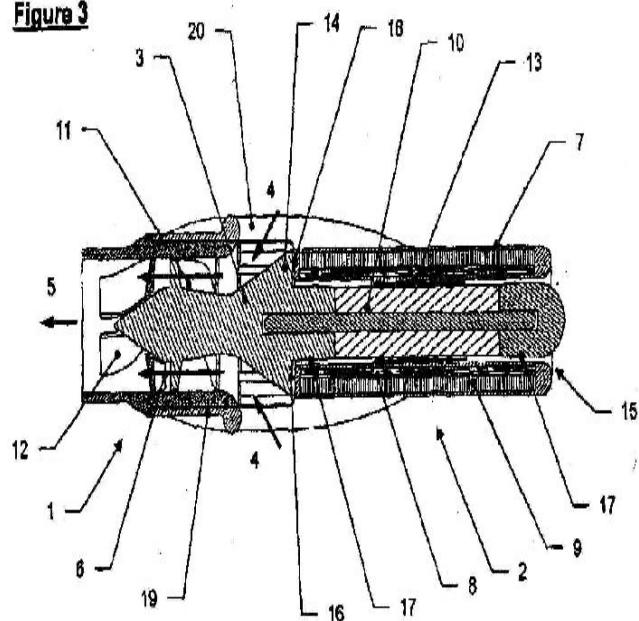
(72)Name of Inventor :

1)FOSTER, GRAHAM

(57) Abstract :

The pump is of an axial flow rotary pump, suitable for implantation into the human heart or vascular system, and comprises an elongate tubular casing (1,2) defining an inlet (4) for blood, an outlet (5) for blood longitudinally spaced from the inlet, and a primary substantially axial blood flow path (6) along the interior of the casing from the inlet to the outlet, the casing including an electric motor stator (7). There is an elongate rotatable element (3) arranged to fit within the casing with spacing between an outer surface of the rotatable element and an inner surface of the casing. The tubular rotatable element comprises an electric motor rotor portion (10) arranged to be driven by the electric motor stator and a rotary impeller (11) for impelling blood along the blood flow path. The casing is formed as an upstream tubular member (2) having an open front end, and a downstream tubular member (1) having open front and rear ends, the upstream tubular member including the stator, and the downstream tubular member, which encircles the impeller, having a rear end fitted to the upstream tubular member in fluid tight manner.

Figure 3



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8748/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND NETWORK SYSTEM FOR IMPLEMENTING USER PORT ORIENTATION IN MULTI-MACHINE BACKUP SCENARIO OF BROADBAND ACCESS SERVER

(51) International classification	:H04B 1/74
(31) Priority Document No	:200910178111.0
(32) Priority Date	:23/09/2009
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2010/072580 :10/05/2010
(87) International Publication No	:WO 2011/035585
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MAO, WEI

2)LENG, TONG

3)YE, ZHINING

(57) Abstract :

A method and network system for implementing user port locating in multi-machine backup scenario of broadband remote access server (BRAS) are disclosed. The method comprises: configuring master port in each backup group as user access port and synchronizing information of taking the master port as user access port to the backup port in the backup group; a remote authentication dial in user service (RADIUS) server configuring access port information, which is set as the master port in the backup group, for the user; processing master-backup switch if the master port is abnormal and the user accessing the line from the corresponding backup port; the BRAS corresponding to the backup port encapsulating the authentication message including the access line information about digital subscriber line access multiplexer of the user access and taking the master port as the user access port, and sending the authentication message to the RADIUS server. With the abovementioned technical scheme, it avoids authentication failure caused by the switching of the backup group and achieves user port locating in multi-machine hot backup scenario.

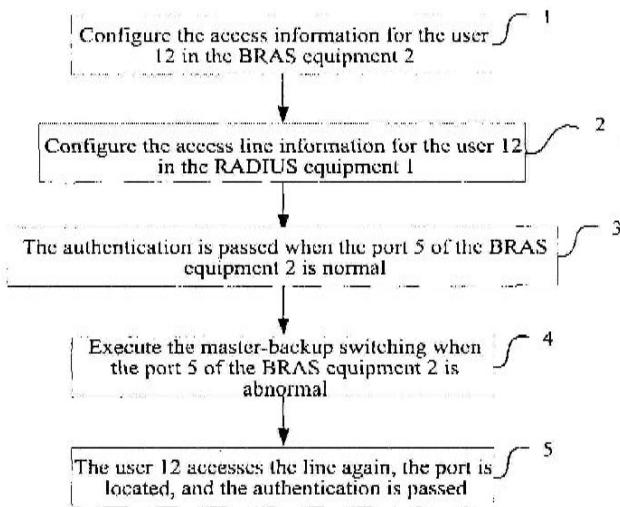


FIG. 6

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8749/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BADMINTON RACKET HANDLE STRUCTURE FOR TRAINING PURPOSE

(51) International classification	:A63B 49/08
(31) Priority Document No	:CN 200920056252.0
(32) Priority Date	:11/05/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/073258
Filing Date	:14/08/2009
(87) International Publication No	:WO 2010/130113
(61) Patent of Addition 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)XIONG, GUOBAO

(57) Abstract :

A badminton racket handle structure for training purpose is provided. A plurality of groove positions are formed on the surface of the racket handle (3). A little finger position grip groove (8) at a first groove position is formed near the bottom of the surface of the racket handle (3). A ring finger position grip groove (10) at a second groove position is formed upward from the bottom of the surface of the racket handle (3). A middle finger position grip groove (9) at a third groove position is formed upward from the bottom of the surface of the racket handle (3). A thumb position grip groove (13) for forehand stroke at a forth groove position is formed upward from the bottom of the surface of the racket handle (3). A forefinger position grip groove (11) at a fifth groove position is formed upward from the bottom of the surface of the racket handle (3). A thumb position grip groove (12) for backhand stroke at a sixth groove position is formed upward from the bottom of the surface of the racket handle (3).

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8750/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HEAD MOUNTED DISPLAY

(51) International classification	:G02B 27/01
(31) Priority Document No	:0907345.3
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050683
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/125378
(61) Patent of Addition 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 :

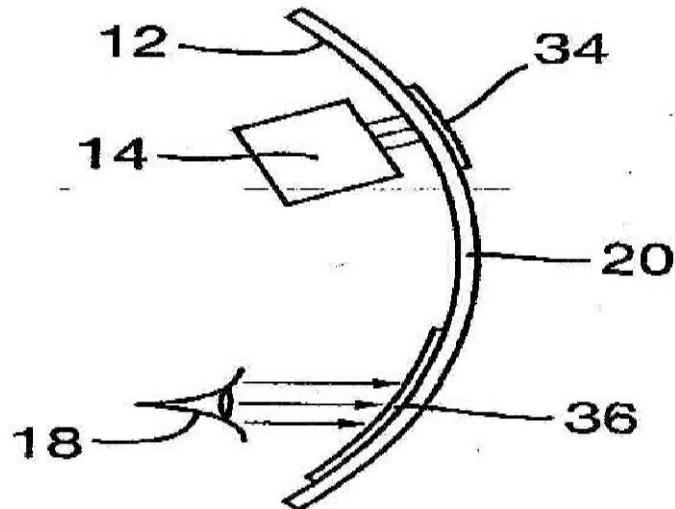
1)MICHAEL DAVID SIMMONDS

2)MOHAMED SALIM VALERA

(57) Abstract :

A helmet or head-mounted apparatus has a visor or other curved optical element in front of at least one eye of a wearer, which element also is used as a waveguide. Image-bearing light is injected into the waveguide via an input diffractive element, and propagates through the visor to an output diffractive element which releases the light. The optical powers of the curved waveguide and the input and output diffractive elements are selected so that the released light is delivered as an image to the user's eye. (Figure 2A)

Fig.2A.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8766/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A WOUND PAD COMPRISING A BODY OF COMPRESSED OPEN-CELLED FOAM MATERIAL

(51) International classification	:A61F 13/00
(31) Priority Document No	:0950461-4
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050609
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/147535
(61) Patent of Addition 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)JOHANNISON, ULF

2)PALEDZKI, MAGNUS

3)DAUN, EVA-KARIN

(57) Abstract :

The present invention relates to an absorbent article, such as a wound pad, comprising a body (1) of compressed thermoplastic or thermo-set open-celled foam. According to the invention said body (1) has a pattern of ultrasonically made depressions (2,3) in two opposite sides thereof, the depressions in the opposite sides being coaxial to each other and separated from each other by a common bottom portion (4) which is compressed to a higher extent than the remaining parts of said body. The invention also relates to a method of manufacturing such a body and to a wound dressing comprising such a body.

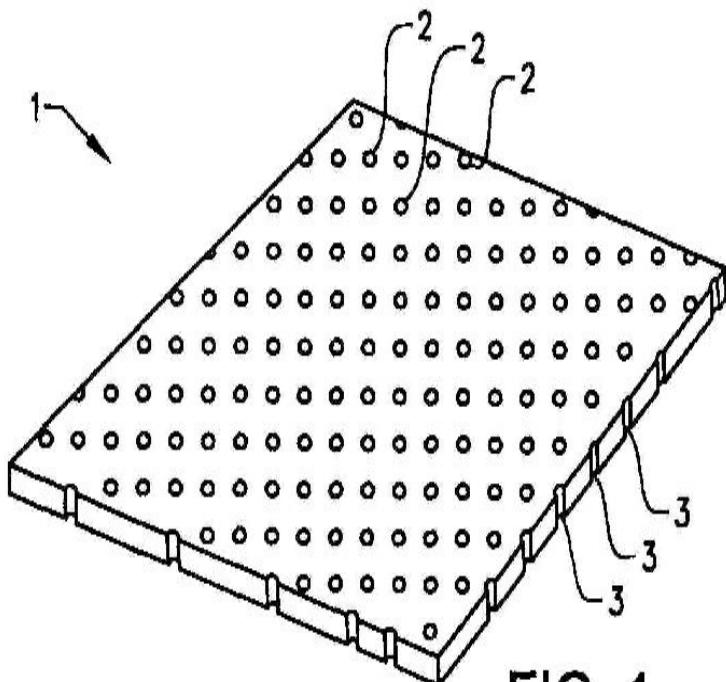


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8768/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SURGICAL TOOL

(51) International classification	:A61F 9/007
(31) Priority Document No	:2009901631
(32) Priority Date	:16/04/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000421
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/118469
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MACKEN, PETER, LEO

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(72)Name of Inventor :

1)MACKEN, PETER,LEO

(57) Abstract :

The present invention provides a surgical tool, for aligning a toric intraocular lens with an axis of corneal astigmatism of a patient, including: a lower surface (6) adapted to abut a patient's eye; an upper surface (1) showing angle markings (4, 10, 11); a finger engagement surface (5, 5a, 5b, 5c, 5d, 5e) having a height of at least about 0.5 cm, adapted to be held by fingers of a surgeon when using the surgical tool; and eye viewing means (3) through which the patient's eye can be viewed; wherein said angle markings (4, 10, 11) are positioned so that, when said lower surface abuts a patient's eye, the angle markings are adapted to be located substantially about the limbus of said patient's eye and no more than about 0.3 cm above said limbus.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8769/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : OPERATING POINTS FOR SPECTRUM MANAGEMENT IN DIGITAL SUBSCRIBER LINES

(51) International classification	:H04B 3/32
(31) Priority Document No	:PCT/SE2009050631
(32) Priority Date	:29/05/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/SE2009/050631
Filing Date	:29/05/2009
(87) International Publication No	:WO 2010/138043
(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)BEZERRA, JOHELDEN CAMPOS

3)KLAUTAU, ALDEBARO

4)MEDEIROS, EDUARDO LINS DE

5)MONTEIRO, MARCIO MURILO CONTE

(57) Abstract :

A method of determining a number of operating points for spectrum management of a plurality of digital subscriber lines in a communications network, the method comprising the steps of: determining (302) optimization criteria (O_i) for the digital subscriber lines; determining (304) crosstalk gains (G_i) for the digital subscriber lines; determining (306) an initial population (P_i) of operating points (x_1, \dots, x_z) where each of the operating points comprises importance ratings for each digital subscriber line of the plurality of digital subscriber lines; calculating (308) new values of crosstalk and power spectrum densities (S) for the digital subscriber lines, by executing (309) spectrum balancing for each operating point until the optimization criteria are fulfilled; calculating (312) a new population of operating points, by executing (313) an evolutionary algorithm; and iteratively performing (312) the steps of calculating (308, 312) until a predefined stopping criterion is fulfilled.

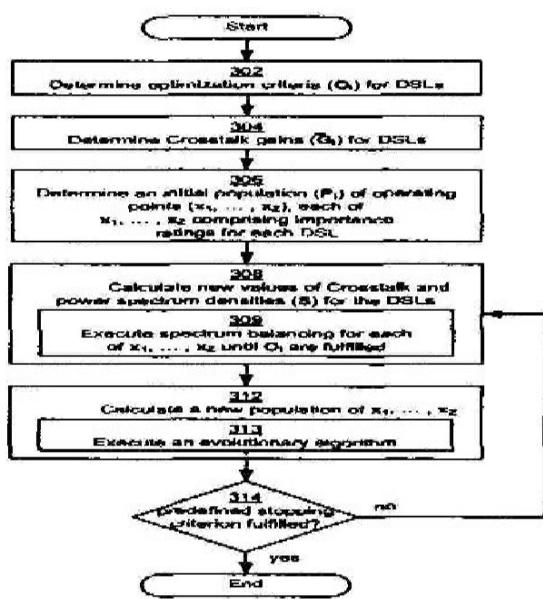


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8770/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSFER OF CALL CONTROL

(51) International classification	:H04L 29/06
(31) Priority Document No	:PCT/EP2009/003565
(32) Priority Date	:19/05/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2009/003565
Filing Date	:19/05/2009
(87) International Publication No	:WO 2010/133237
(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)NOLDUS, ROGIER

2)DE JONG, SJOERD

3)DEN HARTOG, JOS

(57) Abstract :

Means and methodology for a SIP Invite receiving node to withdraw from the SIP session set-up loop by replying a redirect message to the SIP Invite sending node. The redirect message contains information for setting up alternative SIP session, said information being available in the SIP Invite receiving node. This information is needed by the SIP invite sending node for establishing an alternative SIP session as well as information needed by other nodes and applications further on in the SIP session set-up loop. The SIP Invite sending node is specially adapted to retrieve the information from the redirect message for establishing a new SIP session based on and containing the information from the redirect message. Several implementations are given for use in an IP Multimedia Subsystem of a telecommunication network.

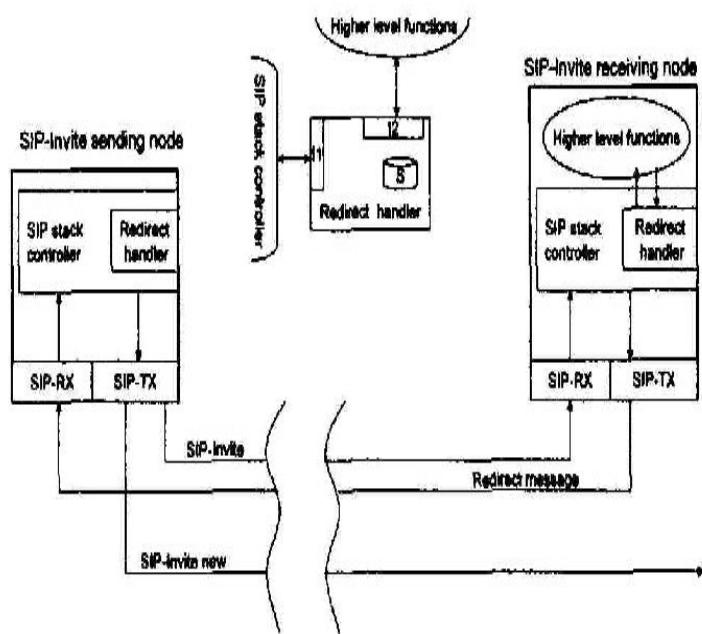


Figure 10

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8776/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

(51) International classification	:C08J 5/00
(31) Priority Document No	:61/177366
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/34195
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/132335
(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)KIRCHNER, OLAF, NORBERT

2)WAKEMAN, MARTYN DOUGLAS

(57) Abstract :

The present invention relates to the field of composite structures, overmolded composites structures and processes for their preparation, particularly it relates to the field of polyamide composite structures. The disclosed composite structures have a surface, which surface has at least a portion made of a surface polyamide resin composition, and comprise a fibrous material selected from non-woven structures, textiles, fibrous battings and combinations thereof, said fibrous material being impregnated with a matrix resin composition, wherein the surface polyamide resin composition is selected from polyamide compositions comprising a blend of a) one or more semi-aromatic polyamides (A) containing repeat units derived from aromatic dicarboxylic acids and aliphatic diamines, and b) one or more fully aliphatic polyamides (B) selected from the group consisting of polyamides containing repeat units derived from aliphatic dicarboxylic acids and aliphatic diamines, polyamides containing repeat units derived from aliphatic aminocarboxylic acids, and polyamides derived from lactams.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8779/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HEAT TRANSFAER UNIT

(51) International classification	:F28D 9/00
(31) Priority Document No	:10 2009 022 919.1
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002679
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/136108
(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)STOLL, REINHARD

2)GHIDINI, ALFREDO

3)MULLER-LUFFT, STEFAN

4)LAUX, STEFAN

(57) Abstract :

The invention relates to a heat exchanger unit which has heat exchanger ducts (10,11), formed by means of plates (1n), for a coolant flow (K) and for a flow (S) to be cooled or to be temperature-controlled, and which is provided with corresponding inlets and outlets (2, 3, 4, 5) for the flows. According to the invention, a compact and cheap unit is provided in that the heat exchanger unit is provided with a coolant inlet chamber (6), from which coolant inlet chamber a coolant flow (KT) can be branched off, conducted through the associated heat exchanger ducts (10) and recirculated to the outlet of the coolant flow (K).

FIG. 1a

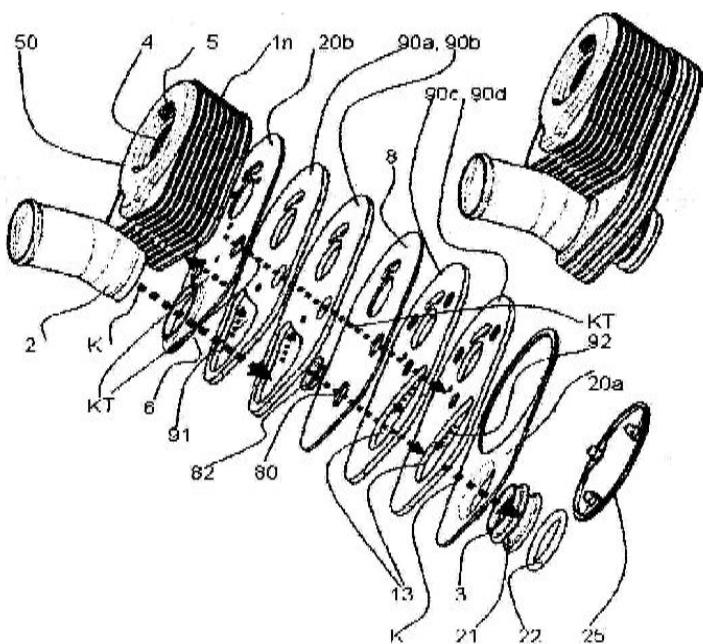


FIG. 1b

No. of Pages : 25 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8780/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : IMPROVED SEALING BARRIER ARRANGEMENT

(51) International classification

:A61J 1/14

(31) Priority Document No

:PCT/EP2009/055354

(32) Priority Date

:04/05/2009

(33) Name of priority country

:PCT

(86) International Application No

:PCT/EP2009/055354

Filing Date

:04/05/2009

(87) International Publication No

:WO 2010/127691

(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)OHLIN, GUNNAR

2)BACKSTROM, FEDRIK

(57) Abstract :

The present invention relates to a barrier membrane arrangement (10, 110) for a medical device for providing a substantially liquid tight seal between a piercing member and a barrier member (12) and a method for manufacturing such a barrier member arrangement. The present invention also relates to a method for connecting a first and a second medical device at the barrier member arrangement (10,110). The barrier member arrangement (10, 110) comprises a first member (11), a second member (13) and a barrier member (12). The second member (13) can be interlocked to the first member (11) by means of a connection arrangement (18) at an optional stage by a user. After interlocking the second member (13) to the first member (11), the barrier member (12) has been compressed to provide for an increased leakage security. The barrier member arrangement (10, 110) also provides for a prolonged working life of the barrier member (12) and any medical device which comprises such a barrier member arrangement (10, 110).

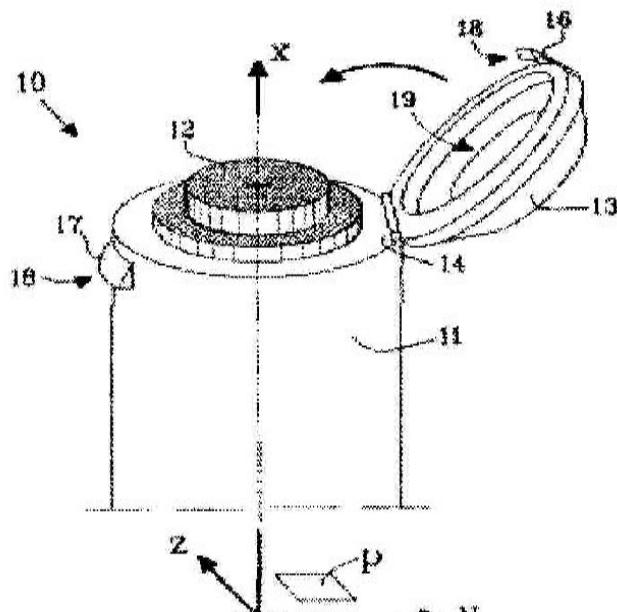


Fig. 1

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8782/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INDEXABLE DRILL AND DRILL BODY

(51) International classification	:B23B 51/00
(31) Priority Document No	:2009-132907
(32) Priority Date	:02/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059314
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/140606
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TUNGALOY CORPORATION

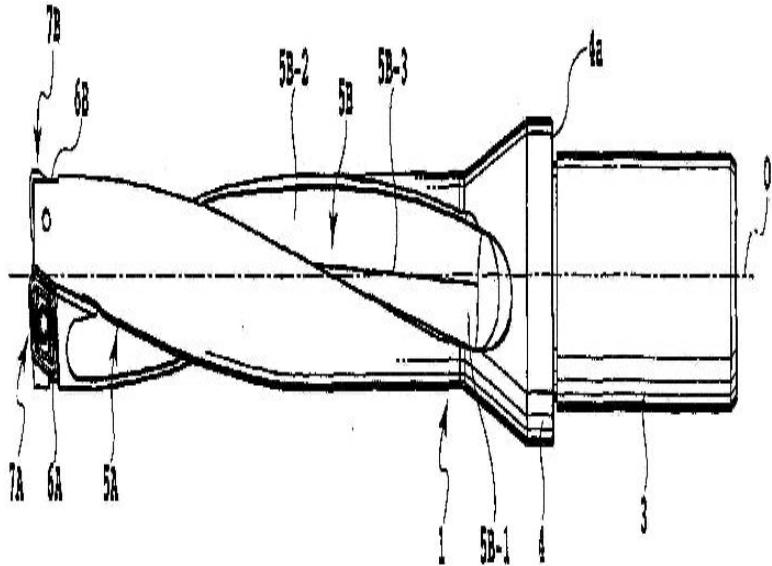
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(72)Name of Inventor :

1)SATOSHI ONOZAWA

(57) Abstract :

The present invention provides an indexable drill with an improved charge discharging efficiency. The indexable drill is characterized by including an insert attachment seat on which a cutting insert formed on a leading end side of the drill in a direction of an axis of rotation is removably installed and a chip discharging groove formed so as to extend from a leading end surface to a trailing end side of the drill in the direction of the axis of rotation and through which chips generated by the cutting insert are discharged, and, in that a wall surface defining the chip discharging groove at least partly includes a smoothed surface with a surface roughness of at most 0.5 μm (JIS B0601 : 2001) in terms of arithmetic average roughness Ra. FIGURE 1



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8783/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : EASILY CLEANED ATHERECTOMY CATHETERS AND METHODS OF USE

(51) International classification	:A61B 17/3207
(31) Priority Document No	:61/178,119
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034868
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/132748
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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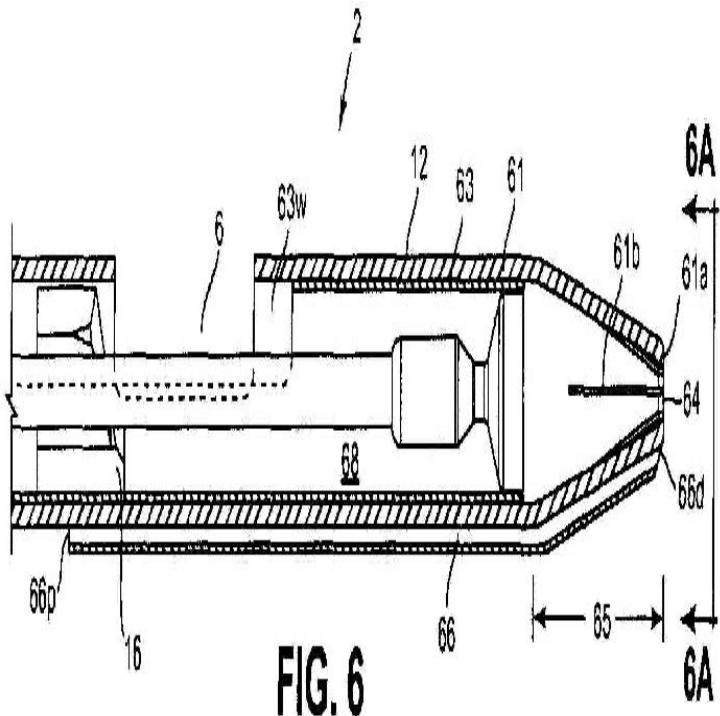
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(72)Name of Inventor :

1)MOBERG, JOHN

(57) Abstract :

An atherectomy catheter is provided having a tissue collection chamber capable of being cleaned out in a simple, fast and effective way, and also provides methods of using said catheter to remove material from a blood vessel lumen. In one embodiment the tissue collection chamber has an expandable tip having a first closed position capable of retaining material in the chamber and having a second open position that may allow expulsion of material from the chamber. In a second embodiment the tissue collection chamber has a displaceable tip having a first closed position to retain material in the chamber and having a second open position to allow expulsion of material from the chamber.



No. of Pages : 38 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8785/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESSING BIOMASS

(51) International classification	:C12M 1/02
(31) Priority Document No	:61/179,995
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035315
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/135365
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)XYLECO, INC.

Address of Applicant :271 SALEM ST., UNIT L, WOBURN, MASSACHUSETTS 01801, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)MEDOFF, MARSHALL

2)MASTERMAN, THOMAS

(57) Abstract :

Biomass feedstocks (e.g., plant biomass, animal biomass, and municipal waste biomass) are processed to produce useful products, such as fuels. For example, systems are described that can convert feedstock materials to a sugar solution, which can then be fermented to produce ethanol. Biomass feedstock is saccharified in a vessel by operation of a jet mixer, the vessel also containing a fluid medium and a saccharifying agent.

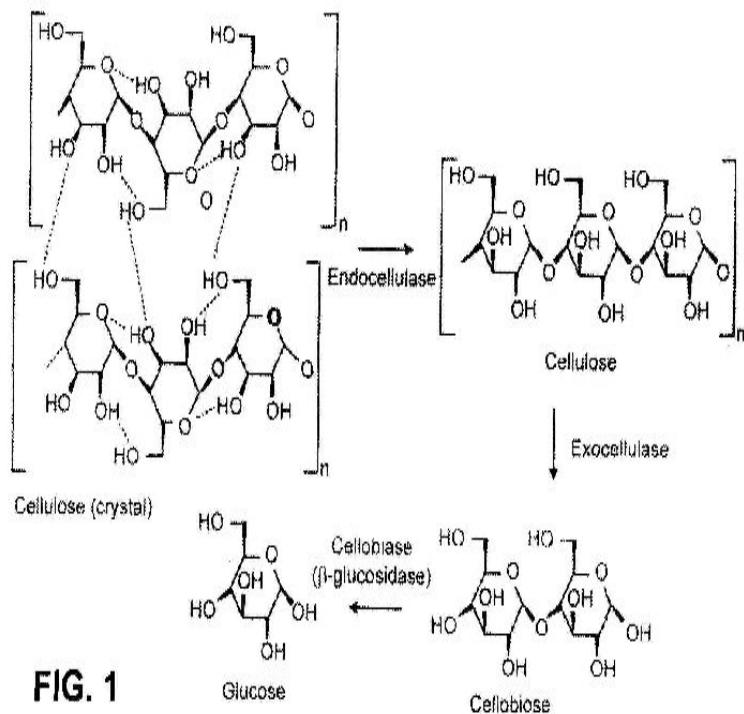


FIG. 1

No. of Pages : 89 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8786/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESSING BIOMASS

(51) International classification	:C12P 7/06
(31) Priority Document No	:61/180,032
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035290
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/135347
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)XYLECO, INC.

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(72)Name of Inventor :

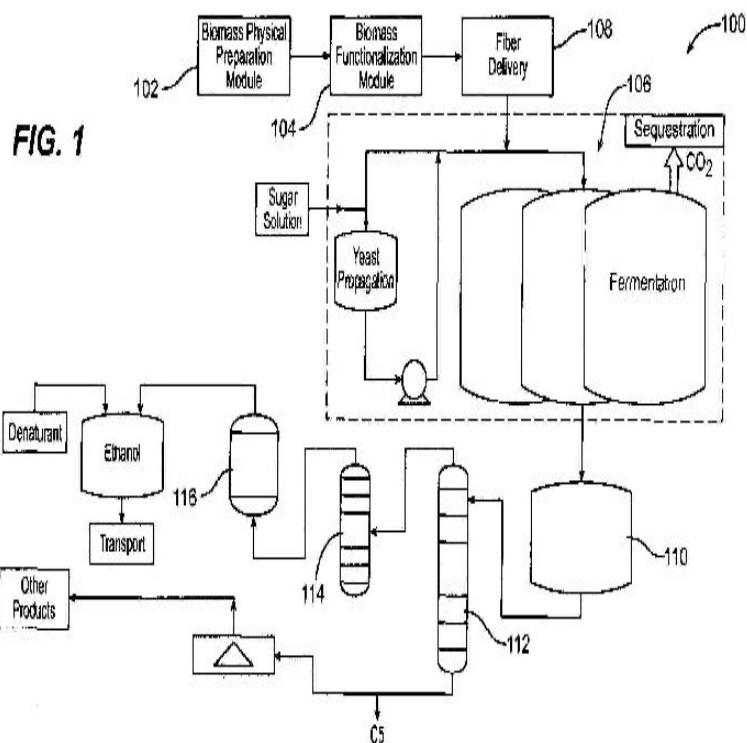
1)MEDOFF, MARSHALL

2)MASTERMAN, THOMAS

3)MEDOFF, HARRISON

(57) Abstract :

Biomass (e.g., plant biomass, animal biomass, and municipal waste biomass) is processed for use in the production of useful products, such as fuels. For example, systems can use biomass materials, such as cellulosic and/or lignocellulosic materials, to enhance the production of a product, e.g., the production of ethanol and/or butanol by fermentation.



No. of Pages : 119 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8787/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TREATMENT OR PROPHYLAXIS OF PROLIFERATIVE CONDITIONS

(51) International classification	:A61K 31/343
(31) Priority Document No	:0907551.6
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000860
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/125350
(61) 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 COURT OF THE UNIVERSITY OF DUNDEE

Address of Applicant :NETHERGATE, PERTH ROAD, DUNDEE DD1 4HN, UNITED KINGDOM

(72)**Name of Inventor :**

1)EVERETT, STEVEN, ALBERT

2)ULHAQ, SARAJ

(57) Abstract :

The invention relates to novel compounds for use in the treatment or prophylaxis of cancers and other proliferative conditions that are for example characterized by cells that express cytochrome P450 1B1 (CYP1B1) and allelic variants thereof. The invention also provides pharmaceutical compositions comprising one or more such compounds for use in medical therapy, for example in the treatment of prophylaxis of cancers or other proliferative [Conditions, as well as methods for treating cancers or other conditions in human or non-human animal patients. The invention also provides methods for identifying novel compounds for use in the treatment of prophylaxis of cancers and other proliferative conditions that are for example characterized by cells that express CYP1B1 and allelic variants thereof. The invention also provides a method for determining the efficacy of a compound of the invention in treating cancer.

No. of Pages : 118 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8789/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR IMPROVED META-XYLENE YIELD FROM C8 AROMATICS

(51) International classification	:C07C 7/13
(31) Priority Document No	:61/181,730
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033693
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/138283
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)FREY, STANLEY J.

2)CORRADI, JASON T.

3)KEMPF, RICHARD S.

4)LIU, DAVID W.

(57) Abstract :

Meta-xylene is recovered from admixture with other C8 aromatic hydrocarbons including ortho-xylene by liquid phase adsorptive separation. Performance is improved by reducing the concentration of ortho-xylene through adding a sidecut to a prefractionator preparing the feedstock to adsorptive separation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8790/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PRIORITY DELIVERY OF LOAD MANAGEMENT MESSAGES ON IP-BASED NETWORKS

(51) International classification	:H04L 12/66	(71) Name of Applicant :
(31) Priority Document No	:61/176,976	1)CONSERT, INC.
(32) Priority Date	:11/05/2009	Address of Applicant :12508 JONES MALTSBERGER ROAD, SUITE 110, SAN ANTONIO, TX 78247, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/034395	1)FORBES JOSEPH, W. 2)WEBB, JOEL, L.
Filing Date	:11/05/2010	
(87) International Publication No	:WO 2010/132456	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for prioritizing load management messages on IP-based networks utilizing an Active Load Directory and IP capable two-way gateway. The messages being received from, or sent to, the ISP through the gateway contain a blend of regulated and unregulated data. The regulated data is high-priority utility load management data such as, equipment status and load control instructions. The unregulated data consists of Internet messages such as email and web site data. These methods process all regulatory data before unregulated data within strict time limits, providing the greatest possible load management control and energy savings. The methods emulate dedicated network processor memory in a manner that permits the rules for prioritizing, scheduling, and routing to remain the same across both hardware and software implementations.

No. of Pages : 51 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8755/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : RUBBER COMPOSITION FOR TYRES COMPRISING AN ACETYLACETONATE COMPOUND

(51) International classification	:C08K 5/00
(31) Priority Document No	:0902430
(32) Priority Date	:19/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/056547
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/133492
(61) Patent of Addition 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)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)Name of Inventor :

1)KAZUMI MAKIUCHI

2)SALVATORE PAGANO

(57) Abstract :

Rubber composition which can be used in particular for the manufacture of tyres, comprising at least a diene elastomer, a reinforcing filler, a crosslinking system, between 0.2 and 10 phr of an antioxidant, such as a substituted para-phenylenediamine, and between 0.2 and 10 phr of an acetylacetone of an alkali metal or alkaline earth metal, chosen in particular from the group consisting of Li, Na, K, Mg, Ca and the mixtures of such metals. This acetylacetone compound makes it possible to advantageously reduce the consumption of antioxidant during the thermo-oxidizing ageing of the composition. Metal/rubber composite comprising such a composition and at least a metal reinforcement. Tyre comprising a such composition or such a composite.

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8756/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COEXTRUSION FILMS EXHIBITING IMPACT RESISTANCE AT LOW TEMPERATURES

(51) International classification	:B23B 27/08
(31) Priority Document No	:10 2009 020 937.9
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002698
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/130347
(61) 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)HEINZ PUDLEINER

2)ROBERT MALEIKA

3)BIRGIT MEYER ZU BERSTENHORST

4)FRANK BUCKEL

5)KLAUS MEYER

(57) Abstract :

Multilayered product comprising a layer (A) and a layer (B), wherein layer (A) contains impact-modified polyalkyl (alkyl)acrylate and has a layer thickness of < 25 µm and layer (B) contains polycarbonate and the total layer thickness of layers (A) and (B) is 20 to 500 mm.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8757/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD FOR PROVIDING A SECONDARY OR TERTIARY AMINE

(51) International classification	:C07C 213/02
(31) Priority Document No	:61/183,168
(32) Priority Date	:02/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/056144
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/139521
(61) 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 CORPORATION HUNGARY ZRT.

Address of Applicant :LOT NO. 2387/5, GYARTELEP, H-8105 PETFURDO, HUNGARY

2)HUNTSMAN INTERNATIONAL LLC

(72)Name of Inventor :

1)ZSOLT GASPAR

2)HEIKO HENRICH HUMBERT

3)GABOR FELBER

4)ATTILA GASPAR

5)ROBERT ALISON GRIGSBY JR.

6)IMRE KORDAS

7)PETRA EMMA VANDERSTRAETEN

(57) Abstract :

A method for providing a secondary or tertiary amine with formula (R1R2NR3)2NR4 is provided, wherein each of R1 and R2 are chosen from the group consisting of a methyl group, an ethyl group, an iso-propyl group and an n-propyl group; R3 being an alkoxyalkyl group chosen from the group consisting of -CH2CH2OCH2CH2-, -CH2CH2OCH2CH2CH2- and -CH2CH2CH2OCH2CH2CH2-; R4 is chosen from the group consisting of a hydrogen, a methyl group, an ethyl group, an iso-propyl group, an n-propyl group and a group with formula R1R2NR3. The method comprises the steps; (a)reacting R1R2NR3(OH) with ammonia, thereby providing a mixture comprising (R1R2NR3)3NR4; () separating (R1R2NR3);NR4 from said mixture.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8758/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROJECTOR AND MEMBER FOR SPRAYING A COATING MATERIAL, AND SPRAYING METHOD USING SUCH A SPRAYER

(51) International classification	:B05B 3/10	(71) Name of Applicant :
(31) Priority Document No	:0953139	1)SAMES TECHNOLOGIES
(32) Priority Date	:13/05/2009	Address of Applicant :13 CHEMIN DE MALACHER ZIRST, FR-38240 MEYLAN, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050925	1)PATRICK BALLU
Filing Date	:12/05/2010	2)DIDIER CHEVRON
(87) International Publication No	:WO 2010/130955	
(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 rotary sprayer (P) for spraying a coating material, comprising a fixed body (2), a spraying member (1), means (T) for rotating the spraying member (1) about a rotational axis (X1), and means (21) for supplying the spraying member (1) with, a coating material. The spraying member (1) for the costing material includes a flow surface (11) for receiving the coating material and an edge (12) for spraying the coating material. The rotary sprayer (P) further includes means (3) for injecting air into a region located radially (Y1) inside the space defined by the flow surface (11) and, upstream from the edge (12), said air-injecting means (3) being separate from the coating material supply means (21). The air-injecting means (3) includes an air dispenser (30) arranged in an upstream portion (11.1) of the flow surface (11), which injects air into a central area (11.3) of said surface (11).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8760/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR SCALING MIXING OPERATIONS

(51) International classification	:B01D 61/22
(31) Priority Document No	:61/176,974
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033981
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/132288
(61) 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)THOMAS DENNEN

2)VENKATESH NATARAJAN

(57) Abstract :

A method for determining mixing time for a variety of vessels is disclosed. This method utilizes information about the configuration, such as vessel diameter, impeller diameter and speed, fluid density and viscosity, and fluid height to determine the appropriate mixing time. In another embodiment, the parameters used to create small batches of material can be used to scale up to larger vessel sizes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8791/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : VEHICLE SEAT

(51) International classification	:B60N 2/30
(31) Priority Document No	:10 2009 021 211.6
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002779
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/130369
(61) 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 GMBH

Address of Applicant :INDUSTRIESTRASSE 20-30, 53199
BURSCHEID, GERMANY

(72)Name of Inventor :

1)JAMES ABRAHAM

2)BERND ENGELS

3)JOHANN SCHREIER

4)PETER SZEGENY

(57) Abstract :

The present invention relates to a vehicle seat comprising a seat part and a backrest which is provided at the seat part so as to be rotatable, wherein the seat part and the backrest can be transferred into an easy entry position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8792/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : EQUIPMENT FOR CUTTING A PITCH ROPE INTO PITCH GRANULES OR LIKES, COMPRISING SOME PITCH ROPE FLOW STREAM GUIDING MEANS

(51) International classification	:C10C 3/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2009/005576
Filing Date	:13/05/2009
(87) International Publication No	:WO 2010/131062
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LITWIN

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(72)Name of Inventor :

1)ETIENNE RIGAUT

2)MICHEL KLEIBER

3)LOIC GUILLOU

4)STEPHANE DECOSSIN

5)MOHAMED LAHOUBI

(57) Abstract :

The invention relates to an equipment for cutting a pitch rope (20) into pitch granules or likes (80), the device being intended to be immersed into a cooling fluid basin (30), said equipment comprising some rotatable cutting means (60, 70) comprising a rotatable cutting cylinder with a plurality of blades and a rotatable counter cutting cylinder, said cutting and counter cutting cylinders being arranged mutually for cutting the pitch rope (20) passing between them into pitch granules (80), the equipment being characterized in that it comprises some first means (40) for guiding a pitch rope flow stream towards the cutting means (60, 70), said rotatable guiding means (40) being arranged with said cutting means (60, 70) so that the pitch rope (20) flows vertically between the cutting cylinder and the counter cutting cylinder. (Figure 1)

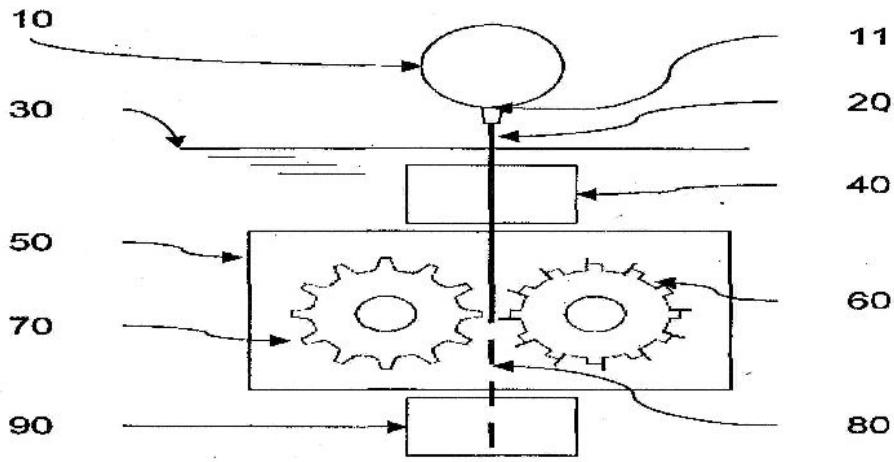


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8793/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SURGICAL FASTENERS, APPLICATOR INSTRUMENTS, AND METHODS FOR DEPLOYING SURGICAL FASTENERS

(51) International classification	:A61B 17/064	(71) Name of Applicant :
(31) Priority Document No	:12/464,143	1)ETHICON, INC. Address of Applicant :U.S. ROUTE 22, SOMERVILLE, NJ 08876, USA.
(32) Priority Date	:12/05/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033956	1)ROBERT NERING 2)SIMON COHN 3)ANTHONY MIKSZA 4)MATTHEW DAVID DANIEL 5)JEREMY DAVID JARRETT
Filing Date	:07/05/2010	
(87) International Publication No	:WO 2010/132280	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical fastener for securing a prosthetic device to tissue includes a first leg having a distal end, a proximal end, and a first insertion tip at the distal end of the first leg, and a second leg including a distal end, a proximal end, and a second insertion tip at the distal end of the second leg. A bridge connects the proximal ends of the first and second legs for forming a closed end of the surgical fastener. The first insertion tip has a first insertion tool seating surface, and the second insertion tip has a second insertion tool seating surface. The first insertion tool seating surface is closer to the distal end of the first leg than the proximal end of the first leg, and the second insertion tool seating surface is closer to the distal end of the second leg than the proximal end of the second leg. The first and second legs extend along respective longitudinal axes, and the first and second insertion tips are skewed outwardly relative to the respective longitudinal axes.

No. of Pages : 113 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8795/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FRACTURING WITH TELESCOPING MEMBERS AND SEALING THE ANNULAR SPACE

(51) International classification	:E21B 43/10
(31) Priority Document No	:12/463,944
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034209
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/132345
(61) Patent of Addition 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)BENNETT M. RICHARD

2)YANG XU

(57) Abstract :

A fracturing operation is done in open hole. The annular space is spanned by telescoping members that are located behind isolation valves. A given bank of telescoping members can be uncovered and the telescoping members extended to span the annular space and engage the formation in a sealing manner. Pressurized fracturing fluid can be pumped through the telescoped passages and the portion of the desired formation fractured. In a proper formation, cementing is not needed to maintain wellbore integrity. In formations that need annular space isolation, the string in a preferred embodiment can have an external material that grows to seal the annular space in lieu of a traditional cementing operation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8796/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : WIND TURBINE WITH A ROTATIONAL AXIS PERPENDICULAR TO THE DIRECTION OF THE WIND

(51) International classification	:F03D 3/06	(71) Name of Applicant :
(31) Priority Document No	:09 53097	1)EGIS CONCEPT
(32) Priority Date	:11/05/2009	Address of Applicant :4 RUE DOLORES IBARRURI, F-93100 MONTREUIL, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050916	1)RAPHAEL MENARD
Filing Date	:11/05/2010	
(87) International Publication No	:WO 2010/130947	
(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 wind turbine including at least one rotor (R), the rotational axis A of which is to be oriented perpendicularly to the direction of the wind and that includes at least two blades (25) located at a distance from the rotational axis A and each of which is connected to at least two plates (21,22) that are rotatably guided in the axis A by a supporting structure (2), the anchoring point of each blade on a plate being located at a distance from the rotational axis A. The supporting structure (2) is a cutout hollow structure symmetrical to the vertically oriented rotational axis A and the rotation of the blades takes place within a space delimited by the supporting structure (2), and in that the supporting structure (2) includes means (15) for supporting at least one electric power transmission line.

No. of Pages : 25 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8762/DELNP/2011 A

(43) Publication Date : 11/01/2013

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

(51) International classification

:H04Q 9/00

(31) Priority Document No

:2009-121314

(32) Priority Date

:19/05/2009

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2010/057734

Filing Date

:23/04/2010

(87) International Publication No

:WO 2010/134424

(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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TOKYO 1080075, JAPAN

(72)Name of Inventor :

1)TAKASHI TSURUMOTO

(57) Abstract :

The need to store a frame count value in a non-volatile memory and update the frame count value is obviated, and the effect resulting when a frame with its frame count value altered to a value close to a full count value is transmitted is reduced. When a valid frame count value is not held, an inquiry is made for a frame count value (ST33) . The frame count value is notified from the receiving end, and the frame count value is acquired. An encryption key is generated on the basis of the frame count value (ST34). Data is encrypted with the encryption key (ST35) . Data in a frame structure is transmitted (ST37) . When the frame transmission ends, the frame count value is incremented (ST38) .

No. of Pages : 72 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8763/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ENDOSCOPIC HIGH-FREQUENCY HEMOSTATIC FORCEPS'

(51) International classification	:A61B 18/12
(31) Priority Document No	:2009-116192
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/006070
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/131309
(61) Patent of Addition 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 :5-8, HIGASHI-SHINAGAWA 2-CHOME, SHINAGAWA-KU, TOKYO 1400002, JAPAN

(72)Name of Inventor :

1)MAKOTO NISHIMURA

2)MIYUKI NISHIMURA

(57) Abstract :

A hemostatic forceps (20) includes a pair of forceps elements (forceps cups (1)) constituted of a conductive metal and configured to serve as high-frequency electrodes and configured to be able to change into a state where front portions of the pair of forceps cups (1) are open, and a state where the pair of forceps cups (1) are close. A sawtooth portion (15) having a plurality of concavo-convex structures which constitute a sawtooth-shape is provided on at least one of respective closing-side surfaces (17) of the pair of forceps cups (1). The sawtooth portion (15) is provided with an electrically insulative coating over its bottom portion (21), but not on a top portion (22) thereof, and hence the top portion (22) is conductive.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8815/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CARRIER ELEMENT BIOLOGICAL WATER TREATMENT SYSTEM AND THEIR USE, AND METHOD FOR BIOLOGICALLY TREATING WASTE WATER

(51) International classification	:C02F 3/10	(71) Name of Applicant :
(31) Priority Document No	:09160248.2	1)OVIVIO LUXEMBOURG S.A.R.L.
(32) Priority Date	:14/05/2009	Address of Applicant :6C,RUE GABRIEL LIPPMAN, MUNSBACH L-5365 LUXEMBOURG
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/FI2010/050389	1)PETRI PAJUNIEMI
Filing Date	:14/05/2010	2)MIKKO SIIVONEN
(87) International Publication No	:WO 2010/130881	
(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 carrier element for an aerobic biological water treatment system. The carrier element has a first end and a second end at a distance from each other, the maximum diameter of the first end being larger than the maximum diameter of the second end. It also has biofilm growing surface structures that extend from the first end to the second end and from inner part of the element towards periphery of the element and at least two support structures that encircle the growing surface structures at the periphery of the element and connect the growing surface structures to each other. The support structures define the outer boundary surface of the carrier element, whereby the support structures are spaced from each other so that apertures allowing access to the biofilm growing surface structures are formed between the support structures. The invention relates also to a water treatment system employing the carrier elements.

No. of Pages : 26 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8816/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : RADIATION CURABLE COMPOSITIONS

(51) International classification	:C08F 220/18
(31) Priority Document No	:09164179.5
(32) Priority Date	:30/06/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/059043
Filing Date	:25/06/2010
(87) International Publication No	:WO 2011/000782
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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BRUSSELS, BELGIUM

(72)Name of Inventor :

1)CHRIS W. MILLER

2)ROSALYN M. WALDO

(57) Abstract :

Composition comprising at least one radiation curable (meth)acrylic copolymer A prepared by reacting a copolymer P obtained from copolymerizing monomers comprising: (i) from 10 to 50 mole% of at least one (meth)acrylate (a1) comprising a first functional group, (ii) from 50 to 90 mole% of at least one alkyl(meth)acrylate (a2) having at least 6 carbon atoms in the alkyl chain, and (iii) from 0 to 40 mole % of at least one other monomer (a4) different from (a1) and (a2), with at least one (meth)acrylate (a3) comprising a second functional group which can react with the first functional group of (meth)acrylate (a1), said radiation curable (meth)acrylic copolymer A having a number average molecular weight Mn of 1000 to 23000.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8800/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MEDICATION INJECTION SUPERVISOR DEVICE

(51) International classification	:A61M 5/172
(31) Priority Document No	:61/175,810
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052626
Filing Date	:13/06/2010
(87) International Publication No	:WO 2010/128493
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HUGHES JOHN

Address of Applicant :148 THE NORTHUMBERLANDS
LOVE LANE, DUBLIN, D2 IRELAND

2)CIRILLO WILLIAM

(72)Name of Inventor :

1)HUGHES JOHN

2)CIRILLO WILLIAM

(57) Abstract :

A medication injection supervisor device, in one example embodiment, comprises a particular sleeve, the particular sleeve being designed to lock onto to a prefabricated injection pen of a particular design, a universal header designed slide onto the particular sleeve irrespective of the particular model of the prefabricated injection pen, an electronics assembly housed by the universal header, a sensor to detect an injection automatically, the sensor being communicatively coupled to the electronics assembly, a display to display injection data, and a button to allow manipulation and display of the injection data, including resetting of the time. The medication injection supervisor device can infer the completion of the injection from a plunger of the injection pen being depressed. The medication injection supervisor device can further include a dosage reading system to read a dosage of medication delivered by the prefabrication injection pen, the dosage reading system including a clip specific to the prefabricated injection pen coupled to a plunger of the prefabricated injection pen, the dosage being determined by a position of the clip. The medication injection supervisor device can further include a micro optics subsystem communicatively coupled to the electronics assembly and having a dial reader to take one or more images of a dosage dial of the prefabricated injection pen, and an imaging subsystem communicatively coupled to the electronics assembly to recognize characters in the images taken by the dial reader.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8801/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEMS, METHODS AND COMPOSITIONS FOR OPTIMIZING TISSUE AND CELL ENRICHED GRAFTS

(51) International classification	:A61F 2/02	(71) Name of Applicant :
(31) Priority Document No	:61/174,860	1)CYTORI THERAPEUTICS INC.
(32) Priority Date	:01/05/2009	Address of Applicant :3020 CALLAN ROAD, SAN DIEGO, CA 92121, USA.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033283	1)PETERSON ALVIN
Filing Date	:30/04/2010	2)FORNACE LUCAS
(87) International Publication No	:WO 2010/127310	
(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 and systems for the concentration of cells from a cell suspension into unprocessed tissue, such as adipose tissue. Also disclosed herein are systems for optimizing hydration of tissue and cell enriched grafts.

No. of Pages : 73 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8802/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR DETERMINING MULTIPLE TOUCH INPUTS ON A RESISTIVE TOUCH SCREEN AND MULTIPLE TOUCH CONTROLLER

(51) International classification	:G06F 3/045	(71) Name of Applicant : 1)HAPTYC TECHNOLOGY S.R.L. Address of Applicant :VIA TURATI 40 20121 MILANO, ITALY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/IT2009/000238	(72) Name of Inventor : 1)BOGAN MATTEO PAOLO 2)CELANI ANDREA 3)PASTORE NICOLO
Filing Date	:29/05/2009	
(87) International Publication No	:WO 2010/137046	
(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 method and a Multi-Touch controller for determining multiple touch inputs on a resistive touch screen, such screen having a first layer (2A) and a second layer (2B) with a first axis (2C) and a second axis (2D) orthogonal to each other being definable thereat, and wherein said first layer is designed to be touched. Particularly, the method includes the steps of touching the first layer (2A) at a first point (P1), while also touching said first layer (2A) at a second point (P2), determining the coordinates of a midpoint (POx, POy) relative to the coordinates of said first point (P1) and said second point (P2). It also includes the steps of powering the first layer (2A) with a voltage value (Vcc), while said first layer (2A) is touched at said first point (P1) and said second point (P2) respectively; detecting a first value of current (I2 ;X) circulating in said first layer (2A), when the latter is powered with said predetermined voltage value (Vcc); processing said first current value (1x) to determine a first value (Ax) of the coordinate difference along an axis (2C) of the first layer (2A) between the coordinates of said first touch point (P1) and said second touch point (P2); processing said first value (Ax) and the coordinates of said midpoint (POx,POy) to determine the coordinates of said first touch point (P1) and said second touch point (P2) along said axis (2C) of the first layer (2A).

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8818/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PARTICLE-LOADED FIBER AND METHODS FOR MAKING

(51) International classification	:C04B 35/622
(31) Priority Document No	:61/182,398
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036008
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/138472
(61) Patent of Addition 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)ATANAS VALENTINOV GAGOV

2)JAMES WILLIAM ZIMMERMANN

(57) Abstract :

Particle-loaded fibers include a fiber body having inorganic particles bound together by an organic binder. The fiber body has a diameter less than about 150 µm, and the inorganic particles comprise a particle density of greater than 20%, 30%, 40% or even 50% by volume of the fiber body. Methods for producing such particle loaded fibers include extruding a composition through a die orifice having a diameter of less than 1000 µm to form a fiber having a first diameter, and drawing the fiber from the first diameter to a smaller second diameter of less than 150 µm, wherein the inorganic particles are greater than 50% by weight of the extruded composition.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8819/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : REACTOR WITH UPPER AND LOWER MANIFOLD STRUCTURES

(51) International classification	:B01J 19/24
(31) Priority Document No	:61/182,737
(32) Priority Date	:31/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036567
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/141352
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)JAMES SCOTT SUTHERLAND

2)ANDREW DAVID WOODFIN

(57) Abstract :

A reactor is provided comprising a reactor substrate and upper and lower manifold structures. The upper manifold structure and the lower manifold structure each comprise at least one flow directing cavity that reverses a flow direction of a fluid flowing through the relatively short open-ended channels of the substrate between the upper and lower manifold structures. The flow directing cavities of the upper and lower manifold structures are configured to direct fluid from the inlet region of the upper manifold structure to the outlet region of the lower manifold structure in an additional serpentine path defined by the flow direction reversals introduced by the upper and lower manifold structures. Additional embodiments are disclosed and claimed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8823/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LOW-PERMEATION FLEXIBLE FUEL HOSE

(51) International classification	:F16L 11/04
(31) Priority Document No	:61/183,030
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001595
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/141073
(61) Patent of Addition 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)LANCE MILLER

2)DANA STRIPE

3)DOUGLAS SCHELHAAS

(57) Abstract :

A flexible hose or a tubing having a barrier layer of polyamide 6 having branched molecular structure and an impact modifier, and/or a flexural modulus of 1 to 2 GPa and a tensile elongation of 100% or more. The hose may have additional layers such as an inner tube, an outer cover, a textile or wire reinforcement, or the like. Permeability to ethanol- and methanol- containing fuels is very low.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8825/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STEEL SHEET FOR CONTAINERS WHICH EXHIBITS EXCELLENT PERFORMANCE FOR ORGANIC LAYERS AND PROCESS FOR PRODUCTION THEREOF

(51) International classification	:C23C 22/06	(71) Name of Applicant :
(31) Priority Document No	:2009-134889	1)NIPPON STEEL CORPORATION
(32) Priority Date	:04/06/2009	Address of Applicant :6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 1008071, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/059891	1)AKIRA TACHIKI
Filing Date	:04/06/2010	2)SHIGERU HIRANO
(87) International Publication No	:WO 2010/140711	3)HIROKAZU YOKOYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Steel sheet for container use with excellent can-making workability and with excellent drawability and ironability, weldability, corrosion resistance, coating adhesion, film adhesion, and wettability characterized in that a surface of the steel sheet has a Zr film which contains, by amount of metal Zr, 1 to 100 mg/m² of Zr oxides.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8826/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PEARLITE-BASED HIGH CARBON STEEL RAIL HAVING EXCELLENT DUCTILITY AND PROCESS FOR PRODUCTION THEREOF

(51) International classification	:C22C 38/00	(71) Name of Applicant :
(31) Priority Document No	:2009-151774	1)NIPPON STEEL CORPORATION
(32) Priority Date	:26/06/2009	Address of Applicant :6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/002708	1)TERUHISA MIYAZAKI
Filing Date	:14/04/2010	2)MASAHARU UEDA
(87) International Publication No	:WO 2010/150448	3)SUGURU YOSHIDA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This high-carbon pearlitic steel rail having excellent ductility, includes: in terms of percent by mass, C: more than 0.85% to 1.40%; Si: 0.10% to 2.00%; Mn: 0.10% to 2.00%; Ti: 0.001% to 0.01%; V: 0.005% to 0.20%; and N: less than 0.0040%, with the balance being Fe and inevitable impurities, wherein contents of Ti and V fulfill the following formula (1), and a rail head portion has a pearlite structure. $5 < [V (\%) \text{ by mass}] / [Ti (\%) \text{ by mass}] < 20$ Formula (1)

No. of Pages : 55 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8827/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR THE CONTROLLED ELECTROLYTIC TREATMENT OF THIN LAYERS

(51) International classification	:C25D 7/00	(71) Name of Applicant :
(31) Priority Document No	:10 2009 023 769.0	1)SOMONT GMBH
(32) Priority Date	:22/05/2009	Address of Applicant :IM BRUNNENFELD 8, 79224 UMKIRCH, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/DE2010/000592	1)EGON HUBEL
Filing Date	:18/05/2010	
(87) International Publication No	:WO 2010/133220	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method for the electrochemical treatment of material (1) with at least an electrically conductive layer on the treatment side (3) such as, for example, a global cathode (12) and a global soluble or insoluble anode (7), which together form a global electrolytic cell (11), as well as with electrical contacts (10) of the material at the edge area, especially for electroplating or etching of substrates, such as a wafer in a cup plater or similar electrolytic processing container, where at least two diametrically arranged pairs of electrolytic partial cells (11', 11) are formed in the processsing container, consisting of partial electrodes (7', 7) and partial counter cathodes (12', 12) each of which is supplied with electrolytic current (I) from adjustable current sources (9', 9), and where respective current (I) is supplied from the edge section to the material and which is located diametrically opposite on the material to the respective partial cell (11, 11).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8803/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BURST DRUG RELEASE COMPOSITIONS

(51) International classification	:A61K 9/20
(31) Priority Document No	:61/177,943
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034660
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132635
(61) Patent of Addition 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)KINTER KEVIN

2)RAMSEY PETER

(57) Abstract :

A solid dose composition comprising at least one pharmaceutically active ingredient and at least one controlled release agent and method of manufacturing said composition is disclosed. The burst profile of at least one pharmaceutically active ingredient in the composition is regulated by the apparent viscosity of the controlled release agent and wherein at least one pharmaceutically active ingredient is processed by wet granulation.

No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8804/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SELF-PUNCTURING PERCUTANEOUS OPTICAL SENSOR FOR OPTICAL SENSING OF INTRAVASCULAR FLUID

(51) International classification	:A61B 5/00	(71) Name of Applicant :
(31) Priority Document No	:61/173,757	1)PHARMACOPHOTONICS, INC.
(32) Priority Date	:29/04/2009	Address of Applicant :351 W. 10TH STREET, INDIANAPOLIS, INDIANA 46202 USA.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/032934	(72) Name of Inventor :
Filing Date	:29/04/2010	1)RUBIN MATTHEW
(87) International Publication No	:WO 2010/127089	2)MEIER DANIEL J.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a self-penetrating percutaneous optical sensing device for obtaining and transmitting optical signal from intravascular fluid in a blood vessel, the device comprising: (a) an elongated hollow rigid sensor sheath 20 having a proximal end 21, a distal end 22 and a central channel extending along the sensor sheath, wherein the distal end 22 of the sensor sheath 20 is sufficiently sharpened to puncture a cutaneous barrier and the sensor sheath 20 has a sufficient length to allow the sensor sheath 20 to penetrate into intravascular space of a blood vessel; (b) a flexible optical fiber 30 having a proximal end and a distal end situated coherently within the central channel of the sensor sheath 20 wherein the sensor sheath 20 covers a portion of the distal end of the flexible optical fiber 30 and wherein the distal end of the flexible optical fiber 30 aligns with the distal end 22 of the sensor sheath 20; and (c) an optical sensor 40 connected to the distal end of the flexible optical fiber 30 wherein optical signal generated at the optical sensor 40 can be transmitted from the optical sensor 40 to the proximal end of the flexible optical fiber 30 via the flexible optical fiber 30 and wherein the optical sensor 40 has direct access to the intravascular fluid of the blood vessel. (FR)Cette invention concerne un dispositif de detection optique percutane auto-perforant permettant d'obtenir un signal optique provenant d'un liquide intravasculaire d'un vaisseau sanguin et de le transmettre, ledit dispositif comprenant : (a) une gaine de capteur rigide creuse allongee 20 comportant une extremite proximale 21, une extremite distale 22 et un canal central traversant la gaine d'un bout a l'autre, l'extremite distale 22 de la gaine 20 etant suffisamment pointue pour perforer une barriere cutanee et la gaine 20 ayant une longueur suffisante pour lui permettre de penetrer dans l'espace intravasculaire d'un vaisseau sanguin ; (b) une fibre optique souple 30 ayant une extremite proximale et une extremite distale situees de maniere coherente a l'interieur du canal central de la gaine du capteur 20, la gaine 20 couvrant une partie de l'extremite distale de la fibre optique souple 30 et l'extremite distale de la fibre optique souple 30 s'alignant avec l'extremite distale 22 de la gaine du capteur 20 ; et (c) un capteur optique 40 relie a l'extremite distale de la fibre optique souple 30, le signal optique genere au niveau du capteur optique 40 pouvant etre transmis par le capteur optique 40 vers l'extremite proximale de la fibre optique souple 30 par l'intermediaire de la fibre optique souple 30 et le capteur optique 40 ayant un acces direct au liquide intravasculaire du vaisseau sanguin.

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8805/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : NOVEL GLUCOCORTICOID RECEPTOR AGONISTS

(51) International classification	:C07J 3/00
(31) Priority Document No	:61/182,266
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052243
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/136940
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PFIZER LIMITED

Address of Applicant :RAMSGATE ROAD, SANDWICH
KENT CT13 9NJ UNITED KINGDOM

(72)Name of Inventor :

1)GLOSSOP PAUL ALAN

2)LANSDELL MARK IAN

3)MILLAN DAVID SIMON

4)PRICE DAVID ANTHONY

5)SUMMERHILL NICHOLAS WILLIAM

(57) Abstract :

This invention relates to novel glucocorticoid receptor agonists of formula (I) and to processes and intermediates for their preparation. The present invention also relates to pharmaceutical compositions containing these compounds, to their combination with one or more other therapeutic agents, as well as to their use for the treatment of a number of inflammatory and allergic diseases, disorders and conditions.

No. of Pages : 122 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8726/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MAGNETIC RESONANCE IMAGING, AND USE THEREOF

(51) International classification	:G01R 33/563
(31) Priority Document No	:0950363-2
(32) Priority Date	:22/05/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050448
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/134870
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CR DEVELOPMENT AB

Address of Applicant :C/O KEMICENTRUM, BOX 124, S-221 00 LUND, SWEDEN

(72)Name of Inventor :

1)TOPGAARD, DANIEL

(57) Abstract :

The present invention refers to a method for magnetic resonance imaging or nuclear magnetic resonance spectroscopy comprising emitting a radio frequency and gradient pulse sequence towards an object being subjected to a magnetic field, wherein said object comprises a molecule having an atom with a nuclear spin differing from 0, encoding, detecting and acquiring a magnetic resonance signal from said object corresponding to said emitted radio frequency and gradient pulse sequence, wherein the radio frequency and gradient pulse sequence comprises a first weighting block, a mixing block with duration tm and a second weighting block, and wherein encoding, detecting and acquiring the magnetic resonance signal from said object is limited to initial decay of the signal intensity / with increasing strength of at least one of the first weighting block and the second weighting block, wherein the variation of the initial signal decay rate with tm is analysed to obtain the apparent exchange rate AXR.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8727/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : 1,2,4-TRIAZOLO[4,3-A]PYRIDINE DERIVATIVES AND THEIR USE AS POSITIVE ALLOSTERIC MODULATORS OF MGLUR2 RECEPTORS

(51) International classification	:C07D 519/00	(71) Name of Applicant :
(31) Priority Document No	:09160067.6	1)JANSSEN PHARMACEUTICALS, INC.
(32) Priority Date	:12/05/2009	Address of Applicant :1125 TRENTON-HARBOURTON
(33) Name of priority country	:EUROPEAN UNION	ROAD, TITUSVILLE, NJ 08560, UNITED STATES OF AMERICA
(86) International Application No	:PCT/EP2010/002908	2)ADDEX PHARMA S.A.
Filing Date	:11/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/130422	1)CID-NUNEZ, JOSE, MARIA;
(61) Patent of Addition to Application Number	:NA	2)DE LUCAS OLIVARES, ANA, LSABEL;
Filing Date	:NA	3)TRABANCO-SUAREZ, ANDRES, AVELINO
(62) Divisional to Application Number	:NA	4)MACDONALD, GREGOR, JAMES
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel triazolo[4,3-a]pyridine derivatives of Formula (I) wherein all radicals are as defined in the claims. The compounds according to the invention are positive allosteric modulators of the metabotropic glutamate receptor subtype 2 (mGluR2), which are useful for the treatment or prevention of neurological and psychiatric disorders associated with glutamate dysfunction and diseases in which the mGluR2 subtype of metabotropic receptors is involved. The invention is also directed to pharmaceutical compositions comprising such compounds, to processes to prepare such compounds and compositions, and to the use of such compounds for the prevention or treatment of neurological and psychiatric disorders and diseases in which mGluR2 is involved.

No. of Pages : 103 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8728/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR THE PREPARATION OF OIL-CONTAINING MEAT-BASED PRODUCTS
COMPRISING A REDUCED AMOUNT OF ADDITIVES

(51) International classification	:A23L 1/314	(71) Name of Applicant :
(31) Priority Document No	:09386015.3	1)CRETA FARM SOCIETE ANONYME INDUSTRIAL AND COMMERCIAL TRADING AS CRETA FARM S.A.
(32) Priority Date	:16/06/2009	Address of Applicant :15 KM NATIONAL ROAD
(33) Name of priority country	:EPO	RETHYMNON HERAKLION, LATZIMAS OF ARKADI, 74100
(86) International Application No	:PCT/EP2010/054083	RETHYMNON, GREECE
Filing Date	:29/03/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/145857	1)DOMAZAKIS, EMMANOUIL
(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 oil-containing meat-based products, preferably emulsion-type meat-based products, minced or coarsely comminuted meat-based products, pate and fresh (raw) sausages, comprising besides the standard ingredients commonly foreseen for the particular meat-based products a reduced amount of additives selected from emulsifying agents, stabilizing agents and/or thickening agents. Preferably, the oil-containing meat-based products of the present invention contain a maximum of only one single additive selected from emulsifying agents, stabilizing agents and/or thickening agents. More preferably, the meat-based products of the present invention contain no additives, i.e. no emulsifying agents, no stabilizing agents and no thickening agents. Moreover, the present invention pertains to a process for preparing said oil-containing meat-based products.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8847/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BENZOXAZOLONE DERIVATIVES AS ALDOSTERONE SYMTHASE INHIBITORS

(51) International classification	:C07D 413/04
(31) Priority Document No	:61/178,680
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/056529
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130773
(61) 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)HU QI-YING

2)PAPILLON JULIEN

(57) Abstract :

The present invention provides a compound of formula (I) a method for manufacturing the compounds of the invention, and its therapeutic uses. The present invention further provides a combination of pharmacologically active agents and a pharmaceutical composition.

No. of Pages : 91 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8849/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HYDROMECHANICAL ALTERNATOR

(51) International classification	:F03B 17/00	(71) Name of Applicant :
(31) Priority Document No	:2665407 (CA)	1)GENEST, GARY
(32) Priority Date	:21/04/2009	Address of Applicant :3832 GUILLEMETTE, SHAWINIGAN, QUEBEC G9N 6H9, CANADA.
(33) Name of priority country	:Canada	(72) Name of Inventor :
(86) International Application No	:PCT/CA2010/000556	1)GENEST, GARY
Filing Date	:20/04/2010	
(87) International Publication No	:WO 2010/121355	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This water turbine system comprises: a vortex tub and a rotor mounted inside the vortex tub with the axis of rotation extending vertically. A water conduit extends upwardly from inside an upper portion of the vortex tub at a distance from the axis of rotation of the rotor. The water conduit is configured for maintaining a vortex in the vortex tub. The vortex is configured for driving the rotor about the axis of rotation. The turbine system also has an upper water reservoir communicating with an upper end of the water conduit for continually filling the water conduit. The vortex is thereby induced naturally by gravity and artificially by the flow of water through the conduit. The kinetic energy of the vortex is used to rotate the rotor and an energy-producing alternator is connected to the rotor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8850/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN ELECTRONIC SYSTEM AND A METHOD FOR THE AUTOMATIC IDENTIFICATION OF A VEHICLE

(51) International classification	:G08G 1/01
(31) Priority Document No	:B02009A000318
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IT2009/000287
Filing Date	:30/06/2009
(87) International Publication No	:WO 2010/131278
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)I.CAR S.R.L

Address of Applicant :VIA STALINGRADO, 65/15 40128 BOLOGNA (BO) ITALY (IT)

(72)**Name of Inventor :**

1)MURIANA, ROBERTO

(57) Abstract :

A system for the automatic identification of a vehicle according to the present invention comprises electronic identification means associated with a vehicle and electronic means for reading and/or writing the electronic identification means associated with the vehicle. The electronic identification means and the electronic reading and/or writing means comprising radio frequency transmission and receiving devices, preferably a HF and/or UHF radio frequency-transmission device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8851/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : READJUSTABLE LOCKING PLATE HOLE

(51) International classification	:A61B 17/80
(31) Priority Document No	:61/177,423
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033712
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/132252
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SYNTHES GMBH

Address of Applicant :EIMATTSTRASSE 3, CH-4436
OBERDORF, SWITZERLAND

(72)Name of Inventor :

1)URS HULLIGER

2)TOM OVERES

(57) Abstract :

A bone plate, comprising: a locking hole extending through the bone plate from a top surface to a bottom surface thereof, the locking hole being threaded and sized and shaped to lockingly receive a correspondingly threaded head of a bone fixation element therethrough; and a first plate relief extending at least partially through a thickness of the plate and separated from the locking hole to define a first weakened portion of the bone plate, the first plate relief extending around a portion of a circumference of the locking hole.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8862/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SOLAR FIELD AND METHOD FOR ASSEMBLING THE SOLAR FIELD

(51) International classification	:F24J 2/14
(31) Priority Document No	:61/185,084
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057980
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/142664
(61) 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 HA-HAC'SHARA 99107 BEIT
SHEMESH (INDUSTRIAL AREA WEST), ISRAEL

(72)Name of Inventor :

1)GIL; ORI
2)KLAPOWALD;SHMULIK
3)LEVI;NAIM
4)SHARON;YIGAL

(57) Abstract :

This invention relates to a method for automatically assembling a solar field, the method comprising following steps: a) Providing at least one solar collector unit (100) with a radiation concentrator collector comprising a radiation absorber with an absorber tube (106) for a flow-through of a heat transfer medium and a parabolic mirror (102) for focusing solar radiation onto the absorber tube of the radiation absorber for heating up the heat transfer medium flowing through the absorber tube; b) Transporting the solar unit to a target location of the solar field; and c) Assembling the solar unit on the target location of the solar field. Additionally a solar field with a plurality of prefabricated solar collector units is provided. FIG:1

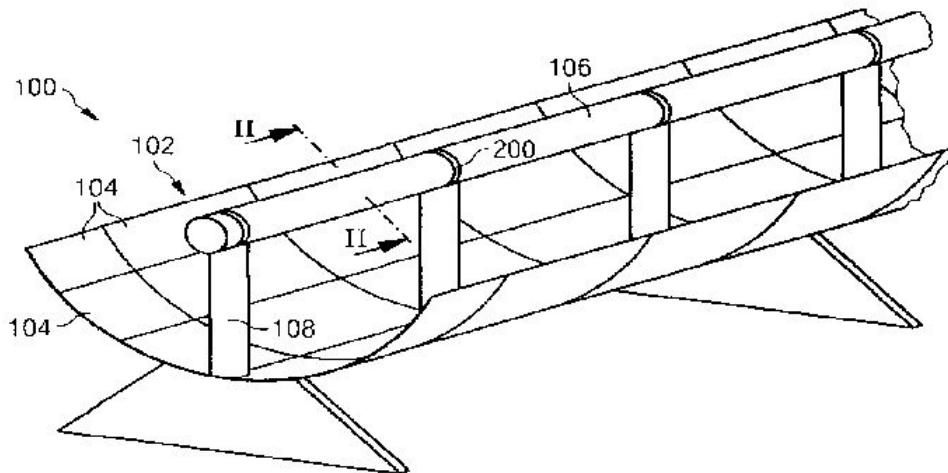


FIG:1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8865/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : IMPROVEMENT IN A CONTAINER OF METAL SHEET

(51) International classification	:B65D 6/38
(31) Priority Document No	:PI0901615-5
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Brazil
(86) International Application No	:PCT/BR2010/000158
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130020
(61) 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 METALICAS

Address of Applicant :RUA ROBERT BOSCH, 332 01141-010 SAO PAULO-SP BRAZIL

(72)Name of Inventor :

1)ALVARES, ANTONIO CARLOS TEIXEIRA

2)CUNHA, SILVERIO CANDIDO DA

(57) Abstract :

The container comprises a body (C) including a tubular side wall (10) to whose upper and lower end edges (10a, 10b) are double-seamed an upper and lower walls (11, 12), said tubular side wall (10) presenting, close to at least one of its end edges (10a, 10b), a deformation region (RS,R1) formed by a plurality of friezes (20), parallel and adjacent to each other and presenting a Z-shaped profile with their end legs (21) disposed in planes which define, with the axis of the tubular side wall (10), an angle (a) between '45° and 90°, said end legs (21) being interconnected by a median leg (22) inclined in relation to said axis and defining, with the respective end legs (21), an angle (P) not superior to 90°, the adjacent end legs (21) of two consecutive friezes (20) being coplanar and interconnected, by their opposite ends, to the respective median legs(22).

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8833/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR REMOVING MICROBES FROM SURFACES

(51) International classification	:A61L 2/18
(31) Priority Document No	:12/425610
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029576
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/120568
(61) 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, USA.

(72)**Name of Inventor :**

1)WHITEKETTLE, WILSON KURT

2)PENG, WENQING

3)LU, SU

4)JIANG, JUAN

(57) Abstract :

A method has been found for the removal of microbial biofilm on surfaces in contact with systems, including but not limited to aqueous systems, which comprises adding to the aqueous system an effective amount of a carbosilane-based surfactant to substantially remove microbial biofilm, from surfaces in aquatic systems, while presenting minimal danger to non-target aquatic organisms at discharge due to their very low discharge concentrations.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8834/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONCEPT-BASED ANALYSIS OF STRUCTURED AND UNSTRUCTURED DATA USING CONCEPT INHERITANCE

(51) International classification	:G06F 7/00
(31) Priority Document No	:12/423,024
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030801
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/120713
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IXREVEAL, INC.

Address of Applicant :3100 UNIVERSITY BLVD. SOUTH, SUITE 240, JACKSONVILLE, FLORIDA 32216, USA.

(72)Name of Inventor :

1)MOHAN, RENGASWAMY

(57) Abstract :

In one embodiment, a method comprises defining a set of concepts based on a first set of structured and unstructured data objects, defining a business rule based on the set of concepts, applying the business rule to a second set of structured and unstructured data objects to make a determination associated with that set, and outputting to a display information associated with the determination.

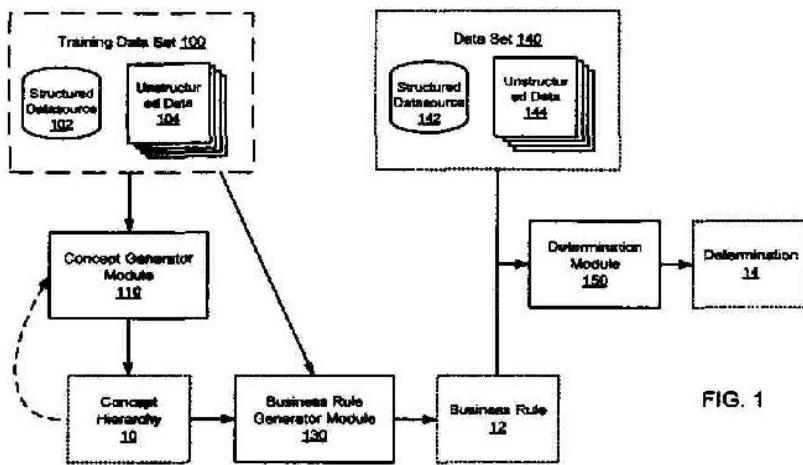


FIG. 1

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8837/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BIFIDOBACTERIUM LONGUM NCC2705 (CNCM I-2618) AND IMMUNE DISORDERS

(51) International classification	:A61K 35/74
(31) Priority Document No	:09159925.8
(32) Priority Date	:11/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056296
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/130663
(61) 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)PETIT, VALERIE

2)GARCIA-RODENAS, CLARA LUCIA

3)JULITA, MONIQUE

4)PRIOULT, GUENOLEE

5)MERCENIER, ANNICK

6)NUTTEN, SOPHIE HELENE

(57) Abstract :

The present invention generally relates to the field of preventing and/or treating inflammatory and infectious disorders, in particular by boosting the endogenous antimicrobial defences. One embodiment of the present invention is the use of B. longum NCC2705 (deposito number CNCM I-2618) for use in the treatment or prevention of disorders related to the immune system including infections.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8838/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DRY WHOLE MILK PREPARATIONS CONTAINING PROBIOTIC MICRO-ORGANISMS

(51) International classification	:A61K 35/74
(31) Priority Document No	:09159925.8
(32) Priority Date	:11/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056401
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/142504
(61) 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)MERCENIER, ANNICK

2)NUTTEN, SOPHIE HELENE

3)PRIOULT, GUENOLEE

(57) Abstract :

The present invention relates to the field of nutrition for young children. In particular, the present invention relates to dry whole milk preparations comprising probiotic micro-organisms to be administered to young children older than 12 months. These probiotic micro-organisms may be non-replicating probiotic micro-organisms such as bioactive heat treated probiotic microorganisms, for example.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8840/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HPV PARTICLES AND USES THEREOF

(51) International classification	:A61K 48/00	(71) Name of Applicant :
(31) Priority Document No	:61/168,914	1)INSERM, INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE
(32) Priority Date	:13/04/2009	Address of Applicant :OF 101 RUE DE TOLBIAC F-75013 PARIS, FRANCE
(33) Name of priority country	:U.S.A.	2)AURA BIOSCIENCES,INC.
(86) International Application No	:PCT/US2009/004299	(72) Name of Inventor :
Filing Date	:24/07/2009	1)COURSAGET, PIERRE L.
(87) International Publication No	:WO 2010/120266	2)TOUZE, ANTOINE A.
(61) Patent of Addition to Application Number	:NA	3)FLEURY, MAXIME J.J.
Filing Date	:NA	4)COMBELAS, NICOLAS
(62) Divisional to Application Number	:NA	5)DE LOS PINOS, ELISABET
Filing Date	:NA	

(57) Abstract :

The invention relates to modified HPV particles that can be used therapeutically. Modified HPV particles may be used to deliver therapeutic agents, including siRNA molecules. Modified HPV particles may be used for the treatment of diseases or conditions of mucosal tissue, including HPV (human papilloma virus) infection and HPV-related tumors.

No. of Pages : 120 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8842/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR MAINTAINING A CONTROLLED POWER OUTPUT AT AN ANTENNA PORT OVER A RANGE OF FREQUENCIES DEFINED BY TWO OR MORE FREQUENCY BANDS

(51) International classification	:H04B 1/00	(71) Name of Applicant :
(31) Priority Document No	:12/477,602	1)HARRIS CORPORATION
(32) Priority Date	:03/06/2009	Address of Applicant :1025 W. NASA BLVD., MS A-11I
(33) Name of priority country	:U.S.A.	MELBOURNE, FLORIDA 32919, U.S.A.
(86) International Application No	:PCT/US2010/037031	(72) Name of Inventor :
Filing Date	:02/06/2010	1)BEGHINI KENNETH
(87) International Publication No	:WO 2010/141556	2)VAN NESS ERIC
(61) Patent of Addition to Application Number	:NA	3)MARTZ DONALD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multiband transceiver (200) including transmit sub-circuits (TSCs) arranged in parallel, a multiplexer (222) receiving RF signals from the TSCs at input ports (290, 292, 294), and a directional coupler (DC). Each TSC (210, 212, 214, 216, 218, 220) is configured to support communications in a respective frequency band. The multiplexer is configured to route signals from the input ports to a common output port (296) and to reduce harmonic distortion induced by the TSCs. DC (226) has an input port (1) connected to the common output port, a transmitted port (4) connected to an antenna port, and a coupled port (3) coupling a portion of the RF signal to a common feedback loop (CFL). The CFL (270) provides a feedback signal coupled to each TSC. Each TSC is responsive to the feedback signal for maintaining a controlled power output at the anterma port over a range of frequencies.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8866/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : VEHICLE AT CONTEMPORARY STRETCHING AND CONTRACTION ACTION OF THE LOWER AND UPPER LIMBS

(51) International classification	:B62M 1/12	(71) Name of Applicant :
(31) Priority Document No	:NA	1)LILLO, LUCIANO
(32) Priority Date	:NA	Address of Applicant :1, VIA ZANNONI I-40134 BOLOGNA
(33) Name of priority country	:NA	ITALY
(86) International Application No	:PCT/IB2009/005689	(72) Name of Inventor :
Filing Date	:22/05/2009	1)LILLO, LUCIANO
(87) International Publication No	:WO 2010/133913	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The vehicle has propulsion generated to the stretching or the contraction of the limbs that push or drag the seat (3) placed on a slide (15) placed onto guides (16) in one way or in the other. The push is given with the limbs onto the toe-clip device (19) and onto the driving device (20) whereas the traction is actuated dragging the seat (3) with the belt (18). A mechanism (1) is then provided having a connecting rod (2) connected with the seat (3) and with a plate (7) integral with a crown wheel (9) connected by a chain (10) to a sprocket-wheel (11) equipped with a free wheel device (12) and transmitting the motion to the back driving wheels so to determine the going on of the vehicle.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8867/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SHAVING RAZOR COMB GUARD FOR A TRIMMING BLADE

(51) International classification	:B26B 21/40
(31) Priority Document No	:61/182,206
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035541
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/138371
(61) 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 GILLETTE COMPANY

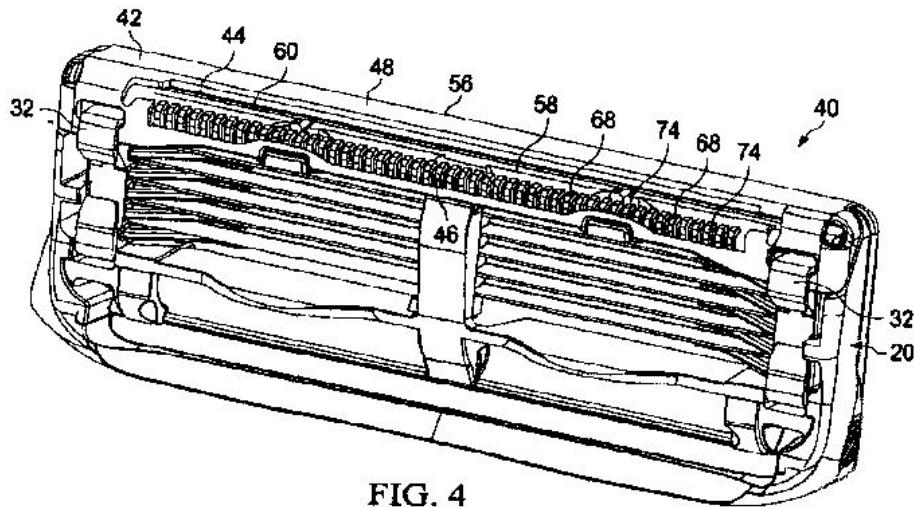
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HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT - 3E,
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(72)Name of Inventor :

1)CLARKE, SEAN PETER
2)WARRICK, PAUL LESLIE
3)WHELAN, JOHN, TREVOR

(57) Abstract :

A shaving razor blade unit (16) including a housing (20) having a primary guard (22) at a front of the housing and a primary cap (24) at an upper surface at a back of the housing. One or more primary shaving blades (28) are positioned between the primary guard and the primary cap. A trimming blade (44) is mounted at the back of the housing and has a cutting edge (60). A trimming comb guard (46) is located at the back of the housing. The trimming comb guard has a plurality of projections (68) along a length of the trimming comb guard defining a plurality of open slots (74) extending generally perpendicular to the cutting edge. The open slots have a minimum width of about 0.20mm to about 0.49mm for allowing the free passage of hair during shaving.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8870/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HETEROCYCLIC INHIBITORS OF MEK AND METHODS OF USE THEREOF

(51) International classification	:A61K 31/44
(31) Priority Document No	:60/523,270
(32) Priority Date	:19/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/039060
Filing Date	:18/11/2004
(87) International Publication No	:WO 2005/051301
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3183/DELNP/2006
Filed on	:02/06/2006

(71)**Name of Applicant :**

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**1)MARLOW ALLISON L.
2)WALLACE ELI
3)SEO JEONGBEOB
4)LYSSIKATOS JOSEPH P.
5)YANG HONG WOON
6)BLAKE JIM**

(57) Abstract :

Disclosed are compounds of the Formula (I) and pharmaceutically acceptable salts and prodrugs thereof, wherein R1, R2, R7, R8 and R9, W, X and Y are as defined in the specification. Such compounds are MEK inhibitors and useful in the treatment of hyperproliferative diseases, such as cancer and inflammation, in mammals, and inflammatory conditions. Also disclosed are methods of using such compounds in the treatment of hyperproliferative diseases in mammals and pharmaceutical compositions containing such compounds.

No. of Pages : 194 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8875/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DEVICE, SYSTEM AND METHOD OF REMOVING HEAT FROM SUBCUTANEOUS LIPID-RICH CELLS

(51) International classification	:A61F 7/00
(31) Priority Document No	:61/174,487
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/033290 :30/04/2010
(87) International Publication No	:WO 2010/127315
(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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4)OLLERDESEN ALBERT L.

5)PENNYBACKER WILLIAM PATRICK

6)ROSEN JESSE NICASIO

7)YEE PETER

8)ALLISON JOHN W.

9)WEBER BRYAN

(57) Abstract :

Devices, systems and methods for removing heat from subcutaneously disposed lipid-rich cells are disclosed. In selected embodiments, suction and/or heat removal sources are coupled to an applicator. The applicator includes a flexible portion and a rigid portion. The rigid portion includes a thermally conductive plate and a frame coupling the thermally conductive plate and the flexible portion. An interior cavity of the applicator is in fluid communication with the suction source, and the frame maintains contiguous engagement between the heat removal source and the thermally conductive plate.

No. of Pages : 69 No. of Claims : 106

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8876/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEMS, APPARATUSES AND METHODS FOR CULTIVATING MICROORGANISMS AND MITIGATION OF GASES

(51) International classification	:C12M 1/00
(31) Priority Document No	:61/175,950
(32) Priority Date	:06/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032574
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/129278
(61) Patent of Addition 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)HALEY III, JOHN, W.

(57) Abstract :

Systems, apparatuses, and methods are provided for cultivating microorganisms. In one example, a system may include a plurality of containers for cultivating microorganisms therein. Each container may be adapted to contain water and may include media disposed therein and at least partially submerged in the water. The media may be adapted to support microorganisms during cultivation and a concentration of microorganisms supported by the media may be higher than a concentration of microorganisms suspended in the water.

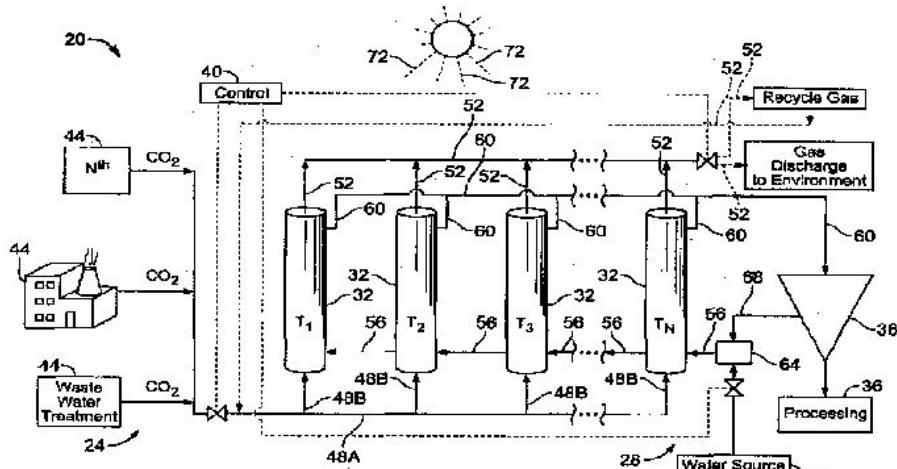


FIG. 1

No. of Pages : 289 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8877/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LACTOFERRIN AND BRAIN HEALTH AND PROTECTION IN ADULTS

(51) International classification	:A61K 38/40	(71) Name of Applicant :
(31) Priority Document No	:09159969.6	1)NESTEC S.A. Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(32) Priority Date	:12/05/2008	(72) Name of Inventor :
(33) Name of priority country	:EPO	1)WANG, BING 2)FAURE, MAGALI 3)SCHMITT, JEROEN ANTONIUS JOHANNES
(86) International Application No	:PCT/EP2010/056241	
Filing Date	:07/05/2010	
(87) International Publication No	:WO 2010/130646	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates generally to the field of brain health, brain protection, maintenance of cognitive function, prevention of cognitive decline and cognitive disorders. Neuronal cells in the brain can be protected. Also cognitive performance can be increased.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8878/DELNP/2011 A

(43) Publication Date : 11/01/2013

54) Title of the invention : ANTI-TNF- α ANTIBODIES AND THEIR USES

(51) International classification	:C07K 16/24
(31) Priority Document No	:61/170,053
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031406
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/121140
(61) Patent of Addition 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)FIONA A. HARDING

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4)DAVID B. POWERS

(57) Abstract :

The present disclosure relates to antibodies directed to the tumor necrosis factor alpha (TNF- α) and uses of such antibodies, for example, to treat diseases associated with the activity and/or overproduction of TNF- α .

No. of Pages : 188 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8884/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STABILIZATION OF RADIOPHARMACEUTICAL COMPOSITIONS USING ASCORBIC ACIDS

(51) International classification	:A61K 31/375
(31) Priority Document No	:61/169,353
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001120
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/120368
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JAMES F. CASTNER

2)DAINNE D. ZDANKIEWCZ

3)JAMES E. ANDERSON

(57) Abstract :

Radio pharmaceutical compositions, and related methods, useful for medical imaging are provided. The radio pharmaceutical compositions include one or more radio pharmaceutical compounds, together with a stabilizer comprising ascorbic acid, wherein the pH of said composition is within the range of about 3.5-5.5.

No. of Pages : 34 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8886/DELNP/2011 A

(43) Publication Date : 11/01/2013

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

(51) International classification	:H01L 31/042
(31) Priority Document No	:0902354
(32) Priority Date	:15/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/052090
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/131204
(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)CORINNE ALONSO

3)MARC VERMEERSCH

4)LOIC FRANCKE

(57) Abstract :

A photovoltaic device comprising: - at least one photovoltaic cell (60) comprising active thin films (15) deposited on a substrate (10), said active films not being segmented; and - at least one static converter (50) associated with each photovoltaic cell (60), in which: - each photovoltaic cell (60) supplies electrical power with a maximum current (Icc) and a nominal voltage (Vp); and - each static converter (50) is able to transmit the electrical power supplied by the photovoltaic cell to a load (100), by decreasing the transmitted current and increasing the transmitted voltage.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8890/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HEATEROAROMATIC AND AROMATIC PIPERAZINYL AZETIDINYL AMIDES AS MONOACYLGLYCEROL LIPASE INHIBITORS

(51) International classification	:A61K 31/496
(31) Priority Document No	:61/171,661
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/032100 :22/04/2010
(87) International Publication No	:WO 2010/124122
(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)CHRISTOPHER M. FLORES

2)MARINA I. NELEN

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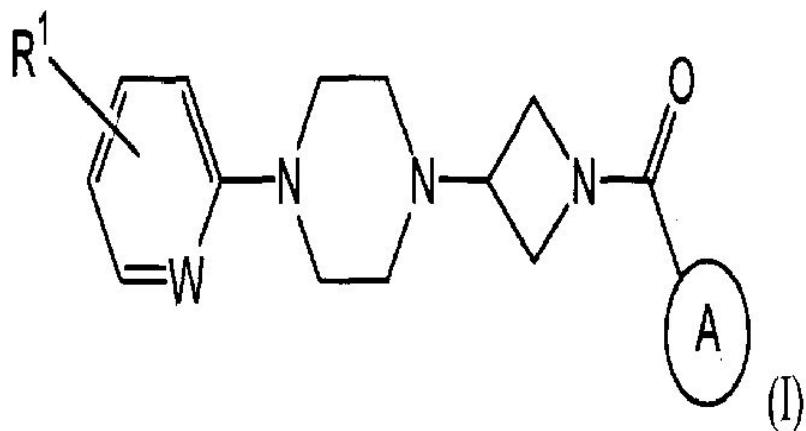
4)STEPHEN PROUTY

5)MATTHEW TODD

6)SUI-PO ZHANG

(57) Abstract :

Disclosed are compounds, compositions and methods for treating diseases, syndromes, conditions and disorders that are affected by the inhibition of MGL, including pain. Such compounds are represented by Formula (I) as follows: wherein R1, W and A are defined herein.



No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8891/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LIQUID COMPOSITIONS FOR INKJET PRINTING OF ORGANIC LAYERS OR OTHER USES

(51) International classification	:H01L 51/00
(31) Priority Document No	:61/187,862
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037920
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/147818
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNIVERSAL DISPLAY CORPORATION

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(72)Name of Inventor :

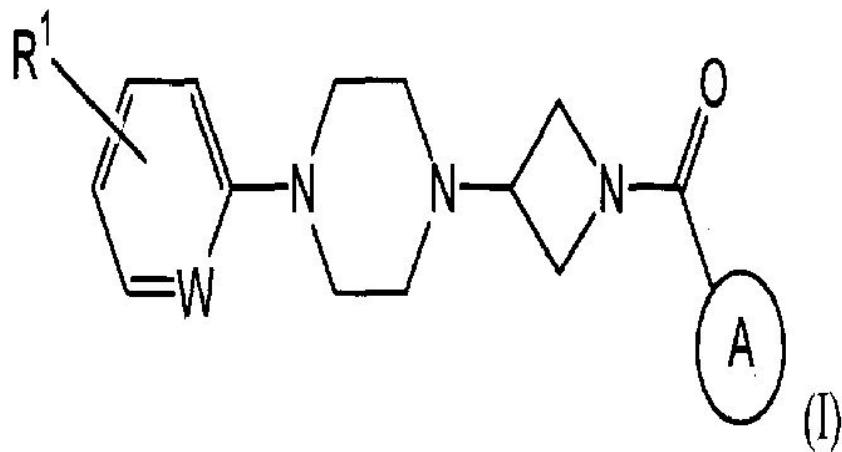
1)KWANG-OHK CHEON

2)CHUANJUN XIA

3)SUMAN LAYEK

(57) Abstract :

A method of forming an organic layer for an organic electronic device (e.g., an OLED) by using a liquid composition comprising a small molecule organic semiconductor material mixed in a solvent preparation in which the content of higher boiling impurities is reduced. The solvent preparation comprises a high boiling point solvent and 0.1 wt% or less of impurities having a higher boiling point than the solvent. The liquid composition is deposited on a surface by inkjet printing to form the organic layer. Also, provided are liquid compositions which can be used to make organic layers.



No. of Pages : 42 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8892/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FUNGICIDE PYRAZOLE CARBOXAMIDES DERIVATIVES

	(71) Name of Applicant : 1)BAYER CROPSCIENCE AG Address of Applicant :ALFRED-NOBEL-STRASSE 50, 40789 MONHEIM, GERMANY
(51) International classification	:C07D 231/16
(31) Priority Document No	:09356035.7
(32) Priority Date	:15/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056521
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130767
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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 - 9)ULRICH GORGENS**
 - 10)HIROYUKI HADANO**
 - 11)BENOIT HARTMANN**
 - 12)THOMAS KNOBLOCH**
 - 13)MARC KOSTEN**
 - 14)NORBERT LUI**
 - 15)RUTH MEISSNER**
 - 16)SERGIY PAZENOK**
 - 17)RACHEL RAMA**
 - 18)ARND VOERSTE**
 - 19)ULRIKE WACHENDORFF-NEUMANN**

(57) Abstract :

The present invention relates to pyrazole carboxamides derivatives of formula (I) wherein Y represents CR5 or N, T represents S or O, X1 and X2 represent a chlorine or a fluorine atom, and 21 represents a substituted or non-substituted cyclo-propyl; Their process of preparation, their use as fungicide, and/or anti-mycotoxin active agents, and/or insecticide, and/or nemati-cide, 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 : 85 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8894/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ULTRAVIOLET SCAN PLANNING

(51) International classification	:G02B 21/36
(31) Priority Document No	:12/474,306
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2010/050562
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/138063
(61) Patent of Addition 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)CHRISTINA C. ROYCE

4)ROBERT WILLIAM TAIT

(57) Abstract :

The invention provides method for locating one or more substantially circular-shaped tissue sample positioned on a solid support. The method involves the steps of transmitting light of a preselected wavelength onto a tissue sample, wherein the light induces the tissue sample to autofluoresce, identifying the center location of the tissue sample using the autofluoresced light, correlating the coordinates of the center location of the tissue sample on the solid support using an x, y-coordinate system, and mapping the coordinates of the tissue sample on the solid support to differentiate tissue sample containing regions from blank regions on the solid support. In a second aspect, the invention provides an apparatus for locating one or more substantially circular-shaped tissue sample positioned on a solid support.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8895/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : GEAR DEVICE

(51) International classification	:F16H 1/28
(31) Priority Document No	:2009-116790
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057867
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/131617
(61) Patent of Addition 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)MASAO OHNO

2)JUNICHI MATSUI

3)TERUMASA IMAJYOU

4)MASAHIKO ISHIYAMA

(57) Abstract :

A planetary gear mechanism (30) comprises a planetary gear (31), a substantially cylindrical pin (32), a flange section (33) provided to the upper end of the pin (32), and a substantially annular plate member (34). The flange section (33) is formed so as to protrude outward radially from the upper end of the pin (32), and a part of the flange section (33) is in contact with the plate member (34) on the radially inner side thereof. The pin (32) is inserted through the plate member (34), and the plate member (34) is affixed by the flange section (33) while being mounted on a side surface of the planetary gear (31).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8897/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : KIT FOR PREPARING WATER-SEALING MATERIAL FOR ELECTRICAL WIRE WATER-SEALING MATERIAL FOR ELECTRICAL WIRE, WATER-SEALING MEMBER, WATER-SEALED ELECTRICAL WIRE, AND WATER-SEALING METHOD

(51) International classification	:H02G 15/04
(31) Priority Document No	:2009-116213
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/0003247 :13/05/2010
(87) International Publication No	:WO 2010/131471
(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)HIROSHI YAMAGUCHI**
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- 3)KAZUYUKI KONDOW**
- 4)TAKAHIKO KUROSAWA**

(57) Abstract :

A radiation-curing type water-sealing material for electrical wire, for water-sealing of an exposed part of a conductor obtained by removing a part of coating material from an electrical wire comprising a conductor and the coating material for coating the conductor or a gap between plural electrical wires in a cable comprising plural electrical wires each having a conductor and a coating material for coating the conductor, comprising the following components (A) to (D) : (A) 5 to 50% by mass, of a urethane (meth) acrylate; (B) 30 to 90% by mass of a compound having one ethylenically unsaturated group; (C) 0.01 to 10% by mass of a radiation polymerization initiator, and (D) 0.1 to 5% by mass of an organic peroxide, based on 100% by mass of the whole volume of the composition.

No. of Pages : 75 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8899/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR GENERATING A VARIABLE MOTION PROFILE FOR A DRIVE UNIT OF A MACHINE

(51) International classification	:G05B 19/19
(31) Priority Document No	:102009023475.6
(32) Priority Date	:02/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003214
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/139417
(61) Patent of Addition 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)KORAJDA, BARTOSZ

3)STICKEL, OLIVER

(57) Abstract :

Described herein is a method for generating a variable motion profile for a drive unit (212) of a machine. The method includes predetermining a plurality of boundary conditions in order to define the variable motion profile, wherein at least one of the boundary conditions is defined using at least one variable or formula relationship. The method further includes graphically displaying a motion profile (322) based on the plurality of boundary conditions and mapping the plurality of boundary conditions to a program code (346), wherein the program code (346) comprises at least one substitute symbol associated with the variables or a closed system of equations of the formula relationship, and wherein the program code (346) is suitable to control the drive unit (212) corresponding to the variable motion profile.

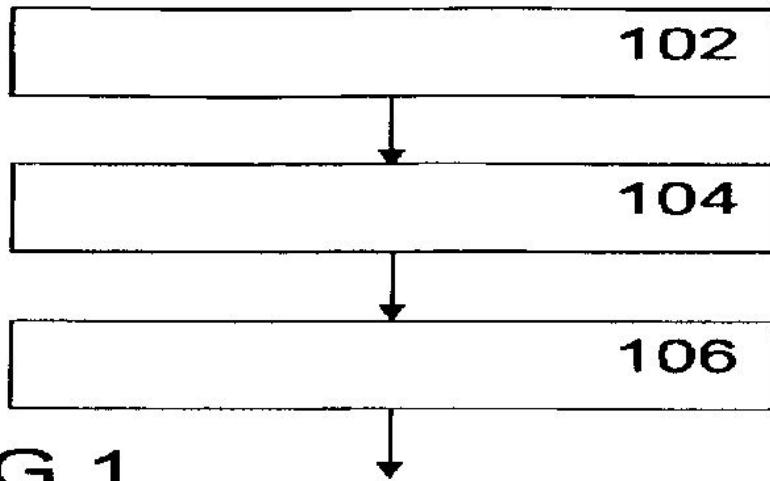


FIG 1

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8712/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : NOVEL 7-DEAZAPURINE NUCLEOSIDES FOR THERAPEUTIC USES

(51) International classification	:C07H 19/23
(31) Priority Document No	:61/171,656
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CZ2010/00050
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/121576
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INSTITUTE OF ORGANIC CHEMISTRY AND
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Address of Applicant :FLEMINGOVO NAM. 2, 16610
PRAHA 6, CZECH REPUBLIC

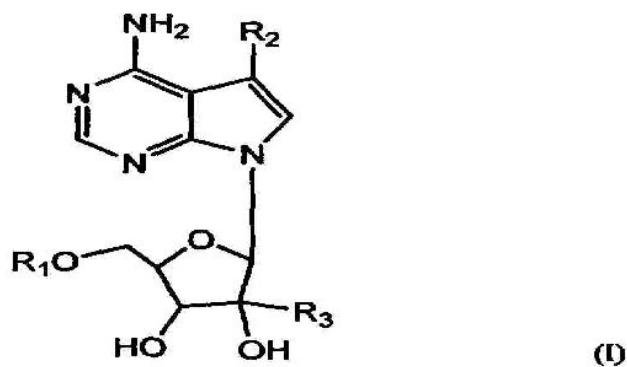
(72)Name of Inventor :

1)BOURDERIOUX, AURELIE
2)HOCEK, MICHAL
3)NAUS, PETR

(57) Abstract :

The invention provides compounds of formula I, wherein R1, R2 and R3 have values defined in the specification and a pharmaceutically acceptable salt thereof; or an optical isomer thereof; or a mixture of optical isomers, as well as compositions comprising such compounds and therapeutic methods that utilize such compounds and/or compositions.

Fig. I



No. of Pages : 125 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8714/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : IMIDAZOLIDINE-2, 4-DIONE DERIVATIVES, AND USE THEREOF AS A CANCER DRUG

(51) International classification	:C07D 233/72
(31) Priority Document No	:0901865
(32) Priority Date	:17/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000315
Filing Date	:17/04/2010
(87) International Publication No	:WO 2010/119193
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IPSEN PHARMA S.A.S.

Address of Applicant :65, QUAI GEORGES GORSE, F-92100 BOULOGNE-BILLANCOURT, FRANCE

(72)Name of Inventor :

1)PREVOST, GREGOIRE

2)AUVIN, SERGE

3)LANCO, CHRISTOPHE

4)LIBERATORE, ANNE-MARIE

5)LAVERGNE, OLIVIER

(57) Abstract :

The present application relates to novel imidazolidine-2,4-dione derivatives of the general formula (I), where R1, R2, R3, R4, X, and Y are variables. Said materials have an antiproliferative activity. They are particularly useful for treating pathological conditions and diseases, such as cancer, that are linked to abnormal cell proliferation. The invention also relates to pharmaceutical compositions containing said materials and to the use thereof for preparing a drug

No. of Pages : 79 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8715/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DETERMINATION OF THE LIFT DELAY OF A MAGNETIC VALVE

(51) International classification :F02D 41/20
(31) Priority Document No :102009026930.4
(32) Priority Date :15/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/057638
 Filing Date :01/06/2010
(87) International Publication No :WO 2010/145936
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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

(72)Name of Inventor :

**1)JOOS, KLAUS
2)SCHLUETER, RUBEN
3)NEUBERG, JENS
4)KEMMER, HELESON
5)LEHR, HANS-PETER
6)RAPP, HOLGER
7)HAMEDOVIC, HARIS
8)KOENIG, JOERG
9)HOANG, ANH-TUAN
10)WICHERT, BERND**

(57) Abstract :

The present subject matter describes a method for determining the opening delay time (t_{01}) of a magnetic valve (18). Actuation of the magnetic valve (18) during a measurement phase is executed and an opening time (T_1) of the magnetic valve (18) is determined. A difference between the beginning of the actuation and the opening time (T_1) is determined. An actuating current (60) is observed during the actuation. Reaching of the opening time (T_1) during detection of a specified change in the actuating current is concluded. The opening time (T_1) is determined in a separate measurement phase, so that actuating current (60, 60a, 60b) of the magnetic valve (18) in the measurement phase is dependent on the actuation of the magnetic valve (18) for the purpose of injection.

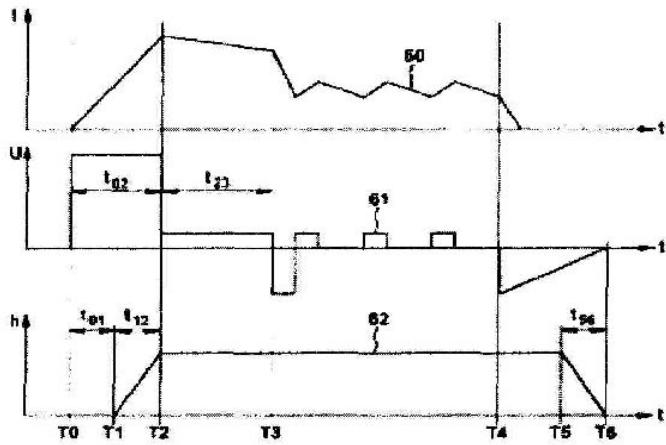


Fig. 3

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8717/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR OPERATING AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02D 41/20
(31) Priority Document No	:102009027311.5
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/057647
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/000650
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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

(72)Name of Inventor :

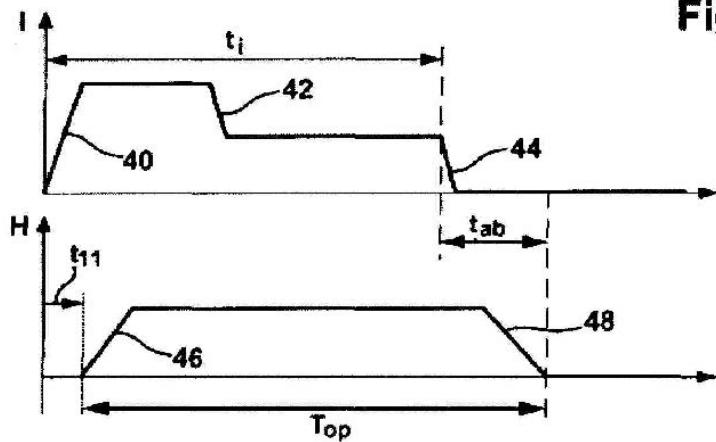
1)KEMMER, HELESON

2)RAPP, HOLGER

(57) Abstract :

Described herein is a method for operating an internal combustion engine (10). Fuel reaches at least one combustion chamber (20) through an injection valve (18) comprising an electro-magnetic actuating device (24). The method includes analyzing an electric operating variable of the injection valve (18) indicating closing of a valve element (28) of the injection valve (18) for a variable actuation period of the injection valve (18); determining the actuation period, during which the closing of the valve element (28) is just or initially detected; and determining an opening delay of the injection valve (18) from the actuation period.

Fig. 3



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8843/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TABLET PRODUCTION MODULE AND METHOD FOR CONTINUOUS PRODUCTION OF TABLETS

(51) International classification	:A61J 3/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2009/051885
Filing Date	:07/05/2009
(87) International Publication No	:WO 2010/128359
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)GEA PHARMA SYSTEMS LIMITED
Address of Applicant :PO BOX 15 EASTLEIGH HAMPSHIRE SO53 4ZD, GREAT BRITAIN U.K.

(72)**Name of Inventor :**

**1)BOECKX JURGEN
2)PAGE TREVOR GORDON
3)WALDRON MICHEL SIMON**

(57) Abstract :

The contained module (1) comprises inlets for an active pharmaceutical ingredient (API) and for an excipient. The inlets are in fluid communication with at least one mixing unit (41,46), and the outlet of the tablet press (6) is in fluid communication with the releasable outlet port for tablets. The material stream comprising the API and the excipient is mixed in the mixing units. During operation parameters of the contents of the material stream are measured with one or more analytical sensors upstream of the tablet press. The speed of the tablet press is controlled in response to the parameters measured upstream of the tablet press. The finished tablets are discharged at an outlet of the tablet press (6). (Fig. 8)

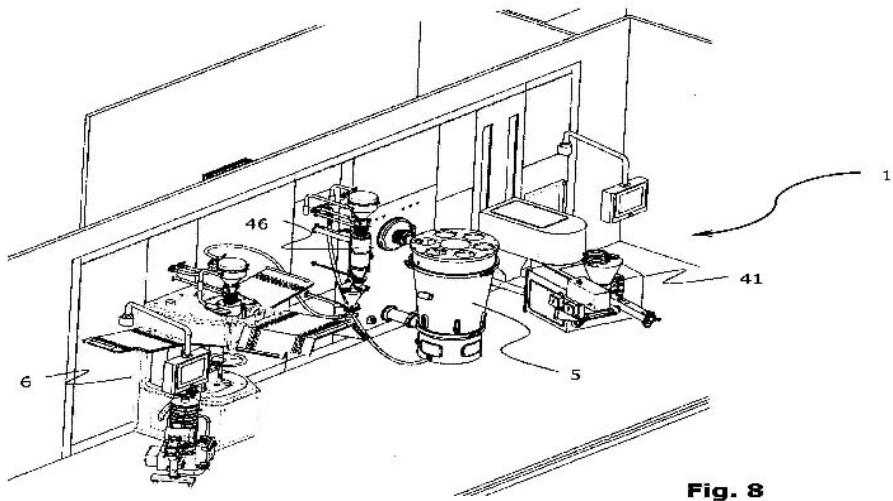


Fig. 8

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8828/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COMPOSITION COMPRISING OIL DROPS

(51) International classification	:A61K 9/107
(31) Priority Document No	:2009/0381
(32) Priority Date	:18/05/2009
(33) Name of priority country	:Ireland
(86) International Application No	:PCT/EP2010/056838
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/133609
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIGMOID PHARMA LIMITED

Address of Applicant :THE INVENT CENTRE, DUBLIN CITY UNIVERSITY, DUBLIN 9, IRELAND

(72)Name of Inventor :

1)COULTER, IVAN

2)MCDONALD, BERNARD FRANCIS

3)AVERSA, VINCENZO

(57) Abstract :

A composition comprises a water-soluble polymer matrix in which are dispersed droplets of oil, the composition comprising an active principle. The invention includes embodiments in which the active principle is included in at least some of the oil droplets as well as embodiments in which the oil droplets are free of active principle. The oil droplets are released as the matrix containing them dissolves in an aqueous medium. In one embodiment, the oil droplets are substantially immobilized in or by the matrix and the immobilizing feature is lost as the matrix dissolves in aqueous media. In certain embodiments, the oil drops may collectively be referred to as the oil phase of the composition of the invention. The product may be in the form of mini-beads. The oil phase and/or the polymer matrix may each include a surfactant.

No. of Pages : 117 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8830/DELNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PHARMACEUTICAL SYSTEM FOR TRANS-MEMBRANE DELIVERY

(51) International classification	:A61K 9/28
(31) Priority Document No	:61/177,753
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034606
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/132605
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PROTEIN DELIVERY SOLUTIONS, LLC

Address of Applicant :2740 SW MARTIN DOWNS BLVD.
#130, PALM CITY, FLORIDA 34990, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)CARVER, DAVID, R.

2)FOHRMAN, TROY

3)REYNOLDS, SEAN, WILLIAM

(57) Abstract :

Non-invasive drug delivery systems useful for the absorption of therapeutically active agents through the epithelial membrane are described. The non-invasive drug delivery system delivers a therapeutic active agent with an ionizable, or ionized, metal, transition metal or metal-containing vehicle. The non-invasive drug delivery system may also have a pH adjustable vehicle which facilitates the absorption of the therapeutic agents by altering the pH of the non-invasive drug delivery system at the site of administration. Also disclosed is a method for the pH sweeping of the administered therapeutic active agent to provide a consistent and reproducible absorption of the active agent. Certain formulations utilize low doses of active agents without altering the active agents from their current or previous form.

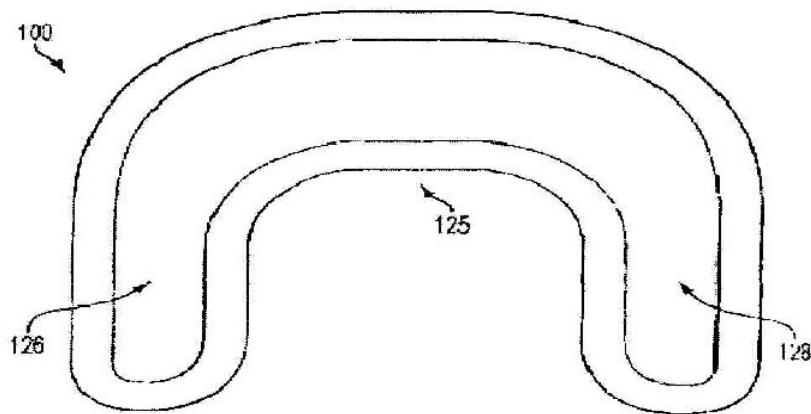


FIG. 1

No. of Pages : 57 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2011

(21) Application No.1019/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A MACPHERSON STRUT ASSEMBLY WITH VARYING RIDE HEIGHT AND METHODS THEREOF

(51) International classification	:B60G15/06	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)VIVEK LAKHERA 2)KRISHNAN SRIPATHI
Filing Date	:NA	
(87) 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 disclosure relates to a Macpherson strut assembly which enables to adjust the ride height of a vehicle for sporty feel and to provide higher clearance from the ground by moving the spring upwards based on the requirement. Various ride heights are achieved by changing length of MacPherson strut assembly length and by changing the position of the strut bearing at different place on the strut piston rod against which the coil spring and top spring seat rests.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1050/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HERBAL COMPOSITION AND MEDICAMENT FOR PROMOTING POULTRY HEALTH

(51) International classification	:A61K36/00	(71) Name of Applicant : 1)GANGURDE BHARJUBEN BUDUIYABHAI Address of Applicant :BISIYA, GONDALVIHIR, DANG DISTRICT & KOSABIYA, DANG DISTRICT, GUJARAT-394710, INDIA 2)GAULI JEEVALBHAI MAVAJUBHAI
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of 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)GANGURDE BHARJUBEN BUDUIYABHAI 2)GAULI JEEVALBHAI MAVAJUBHAI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A herbal composition comprising of Peucedanum grande, Allium cepa and Allium sativum. This composition is useful for the treatment of Coccidiosis as well as promoting poultry health. It is showed a good impact on gastro intestinal tract. The method for the preparation of said composition is also disclosed herein. A method for the preparation of medicament as well as poultry supplement is also disclosed herein.

No. of Pages : 32 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1051/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HERBAL COMPOSITION FOR NUTRIENT SUPPLEMENT, AN APPETITE ENHANCER, HEPATOPROTECTANT OR A LIVER TONIC

(51) International classification	:A61K36/00	(71) Name of Applicant : 1)BHARWAD DAYABHAI VASRAMBHAI Address of Applicant :MITHAPUR, MENDARDA, JUNAGADH-362260, GUJART, 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)BHARWAD DAYABHAI VASRAMBHAI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A herbal composition as a nutrient supplement or an appetite enhancer, hepatoprotectant, or a liver tonic. The said composition comprises predefined amount of Cassia italic and predefined amount of Bambusa arundinacea and Balanites aegyptiaca. The method for the preparation of said composition is also disclosed therein. A herbal medicament comprising the said composition and a method for the preparation thereof is also disclosed therein.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1052/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HERBAL COMPOSITION AND MEDICAMENT FOR TREATMENT OF SKIN INFECTION

		(71)Name of Applicant : 1)RABAR DEVKARBHAI Address of Applicant :SOCIETY FOR RESEARCH AND INITIATIVES FOR SUSTAINABLE TECHNOLOGIES AND INSTITUTIONS (SRISTI), AES BOYS HOSTEL CAMPUS, NR. SBI BAND AND GUJARAT UNIVERSITY LIBRARY, NAVRANGPURA, AHMEDABAD-380 009, Gujarat India 2)RABARI NARANBHAI 3)DAMOR JAGATABEN 4)PARMAR LILAJI 5)DEVGANIA BECHARBHAI 6)NAROLLA HARIBHAI
(51) International classification	:A61K36/00	
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A herbal composition and medicament for treatment of skin infection; said composition comprising predefined amount of Achyranthes bidentata, predefined amount of Butea monosperma, predefined amount of Curcuma longa, predefined amount of Crocus sativus, predefined amount of Dalbergia sissoo, predefined amount of Melia azadirachta, predefined amount of Ocimum sanctum, predefined amount of Vernonia anthelmintica, Sesamum indicum, predefined amount of Cocos nucifera, predefined amount of rose water and predefined amount of bee wax.

No. of Pages : 46 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1073/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A TESTING DEVICE TO CHECK THE BACK EMF RATING OF A MAGNET RING TO BE USED IN A ROTOR

(51) International classification	:G01N27/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, DR ANNIE BESANT
(33) Name of priority country	:NA	ROAD, WORLI, MUMBAI 400 030, Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DEEPAK KAMBLE
(87) International Publication No	: NA	2)ANIRUDHA BHARNUKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A testing device (100) for testing performance of a magnetic ring (130) that is being tested comprising a base (102), a pair of upstanding fixed plates (104, 106) mounted to the base (102) and positioned in spaced apart relationship with each other, a rotor housing (112) mounted to one of the fixed plates (104, 106) for rotation about a horizontal axis and having its inner surface (118) adapted to removably hold the rotor , a locking means (132) locking the magnetic ring (130) in the rotor housing (112), an upstanding slidable plate (138) for mounting a stator (148) and an electronic controller (154) connected to the stator (148), the slidable plate (138) adapted to describe guided forward and backward linear movement between the fixed plates (104, 106). and a guiding device (140) mounted to other of the fixed plates (104, 106) and connected to the slidable plate (138) to linearly move the slidable plate (138) and the stator (148) forward and backward.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2011

(21) Application No.1005/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONCENTRIC SHIFTER SHAFT FOR AUTOMOTIVE TRANSMISSION

(51) International classification	:B62D67/00	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)NARAYAN BHAURAO DHAWALE
(87) International Publication No	: NA	2)PRASAD ARVIND BHAGWAT
(61) Patent of Addition to Application Number	:NA	3)SANJAY SADASHIV WANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the disclosure relate to a gear shift mechanism in automotive vehicles. More particularly, embodiments relate to assembly of shifter shaft, dog and fork in transmission. A shifter shaft assembly for automotive transmission comprising a plurality of shifter shafts placed concentrically one inside the other; at least one dog and at least one shifter fork connected to each shifter shafts; a pair of transmission housings mounted at ends of outer most shifter shaft to support and guide the outer most shifter shaft during gear change operation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1026/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF INTERMEDIATE OF MOXIFLOXACIN

(51) International classification :A61K31/44,A61K31/47,A61K31/535
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PIRAMAL HEALTHCARE LIMITED

Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI- 400 013, STATE OF Maharashtra India

(72)Name of Inventor :

1)WANKHEDE, KARUNA

2)JAGTAP, ASHUTOSH

3)ROY, MITA

4)HARIHARAN, SIVARAMAKRISHNAN

5)KUMBHAR, AJAY

(57) Abstract :

The present invention provides a process for the preparation of racemic or chiral octahydro-6-(phenylmethyl)-IH-pyrrolo[3,4-b]pyridine of formula I, a key intermediate in the synthesis of moxifloxacin or its pharmaceutically acceptable salts. The process comprises reaction of racemic or chiral tetrahydro-6-(phenylmethyl)-IH-pyrrolo[3,4-b]pyridine-5,7(6H)-dione of formula II with a reducing agent, which is a mixture of two agents, that is mixture of dimethyl sulphate and sodium borohydride or aluminum chloride and sodium borohydride used in a molar ratio ranging from 1:1 to 1: 4, in the presence of a polar solvent at a temperature ranging from 15°C to 45°C to obtain racemic or chiral octahydro-6-(phenylmethyl)-1 H-pyrrolo[3,4-b]pyridine of formula I having purity > 96%.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1074/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A FLEXIBLE HEAD OPENER FOR OPENING SEALING HEADS WITHIN AN INDEXING TYPE SEALING MACHINE

(51) International classification	:G11B17/04	(71) Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, DR ANNIE BESANT
(33) Name of priority country	:NA	ROAD, WORLI, MUMBAI 400 030, Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DIPAK GANGARAM MAHAJAN
(87) International Publication No	: NA	2)NAGIN C. RANA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A flexible head opener 100 for opening sealing heads 140 that is rotatable within an indexing type sealing machine 138 along a horizontal plane including a base member 106 extending between an upper portion 108 and a lower portion 110, the upper portion 108 including a first hole formed along a front surface and a second hole formed adjacent to the first hole and along a side surface 112 of the base member 106, a top member 115 having an actuating head 124 disposed at a first end 120 and extending to have a hemispherical bottom portion 128 at an opposite end, the top member 115 pivotally connected to the first hole formed on the upper portion 108 of the base member 106 in a manner that the hemispherical portion 128 contacts a portion of the lower portion 110 of the base member 106, the actuating head 124 pivotally displaceable in lateral directions, and an intermediate connecting means 116 disposed along the side surface of the base member 106 and fixedly connected to the second hole of the base member 106, the intermediate connecting means 116 including a biasing member 136 that extends to connect a portion of the top member 115 adjacent to the actuating head 124.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1077/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AUTOMOBILE AIR CONDITIONING SYSTEM WITH ROOF MOUNTED INCLINED CONDENSER WITH INTEGRATED RECEIVER DRIER(IRD)

(51) International classification	:B60H1/00	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)SANTOSH LATANE 2)ABHISHEK GUPTA 3)KRIPAN APAR 4)PRASANNA NAGARHALLI
(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 air conditioning system for automotive vehicle comprises a front air conditioning unit mounted on a vehicle front and a rear air conditioning unit mounted on the roof top of the vehicle. A compressor driven by the engine is having fluid communication with the air conditioning units and communicates refrigerant to the air conditioning units. The rear air conditioning unit includes a condenser assembly having a condenser core and a receiver drier integrated with the condenser core. The integrated receiver drier absorbs moisture using a sub-cooled liquid refrigerant passing through the integrated receiver dryer. A mounting frame is constructed to mount the condenser and electric fans for condenser, such that the condenser and the electric fans slide to an inclined position. The ram air is diverted towards the condenser and the condenser rejects the condensing heat to the ambient air. The compressor delivers high pressure and high temperature refrigerant to the roof top condenser where it de-superheats and condenses the refrigerant, and sub-cooling of the refrigerant through refrigerant pipes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2011

(21) Application No.1020/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CIRCUIT BREAKER ASSEMBLY WITH UNIDIRECTIONAL TRIPPING MECHANISM

(51) International classification :H01C7/12,H01H37/76,H01T1/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
Filing Date :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)LARSEN & TOUBRO LIMITED

Address of Applicant :L & T House Ballard Estate Mumbai 400 001 State of Maharashtra India

(72)Name of Inventor :

1)MEDHORA Rayomand;

(57) Abstract :

The various embodiments of the present invention provide a circuit breaker assembly with a unidirectional trip mechanism. According to one embodiment, the assembly includes a first circuit breaker and a second breaker connected in series through a pivot pin. A first pivot and a second pivot are provided respectively in the first circuit breaker and the second circuit breaker. The first pivot has a pivot slot to fit in the pivot pin. The first pivot is designed to provide a unidirectional trip action so that the first circuit breaker and the second circuit breaker are tripped simultaneously during a fault condition in the first circuit breaker while the first circuit breaker is not tripped due to a fault in the second circuit breaker.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1049/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HERBAL COMPOSITION AND MEDICAMENT FOR EXPULSION OF PLACENTA

(51) International classification	:A61K36/00	(71) Name of Applicant : 1)PAWAR TULSIBHAI BHABDUBHAI Address of Applicant :CHINCHVIHIR, PIPLAIDEVI POST-AHWA, DISTRICT-DANG-394710, GUJARAT, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)PAWAR TULSIBHAI BHABDUBHAI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A herbal composition for expulsion of placenta and substantially eliminating postpartum haemorrhage, the composition comprising of Ampelocissus latifolia,, Glycyrrhiza glabra, Glycine max, Trachyspermum ammi, Saccharum officinarum and Linum usitatissimum. The method for the preparation of said composition is also disclosed herein. A medicament comprising said composition and a method for the preparation of the medicament is also disclosed herein.

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1080/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : REMOTE OPERATED AIR CONDITIONING SYSTEM FOR VEHICLE

(51) International classification	:B60H1/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001 Maharashtra India
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)ANSHUMAN GUPTA
(61) Patent of Addition to Application Number	:NA	2)THUKARAM SHETTY
Filing Date	:NA	3)DEEPAK R.R
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a remotely operated air-conditioning system for a vehicle (14). The invented remotely operated air-conditioning system comprises: a body control module (BCM)(6) for controlling the environmental control sequence of said vehicle, a power source (1) for providing electrical power to said systems components, a power source sensor, operatively connected to said power source (1), for providing status of the power source (1) at any given time, a window winding unit (3), operatively connected with said BCM (6), for actuating at least a window pane (13) of said vehicle (14), an HVAC system (12), operatively connected with said BCM (6), for controlling the internal environmental conditions of the vehicle (14), a plurality of environmental sensors (7, 10), operatively connected with said BCM (6), for ascertaining the internal and the external ambient environmental conditions of the vehicle (14), a transmitter (5) configured to initiate the environmental control sequence in said BCM (6) by generating a triggering signal, a receiver (4), operatively connected with said BCM (6), for receiving said triggering signal from said transmitter. The present invention also provides a method for controlling the internal environmental conditions of a vehicle (14) by means of a remotely operated air-conditioning system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1081/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A WIPER DRIVE MECHANISM

(51) International classification	:B60S1/16	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY
(33) Name of priority country	:NA	STREET, HUTATMA CHOWK, MUMBAI 400 001 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)ANAND R KALE
(61) Patent of Addition to Application Number	:NA	2)ONKAR D GORADE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a windscreens wiper assembly for a motor vehicle comprises a wiper blade (9) provided on a free end of a wiper arm (1), a motor (7) for generating driving force for said wiper arm (1), a wiper link (8) drivingly connected to said motor (7) for executing rotary motion, a linkage (6) operatively connected to said wiper link (8) for transforming the rotary motion of said wiper link (8) into reciprocating motion, and a wiper spindle (5) for transforming said reciprocating motion of said linkage into torsional oscillatory motion, said wiper spindle (5) being operatively connected to said linkage (6) and said wiper arm (9). The wiper arm is driven by the output of said wiper spindle and is adapted to execute to and fro motion about said wiper spindle along the surface of said windscreens in such a way that during movement, the wiper blade is raised or lowered across the plane of its movement to match the curvature of the windscreens, the raising and lowering of the wiper blade being preselectedly controlled by the spindle pitch.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1053/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HERBAL COMPOSITIONS AND MEDICAMENTS THEREOF OF CURING ENDOPARASITE INFESTATION

(51) International classification	:A61K36/00	(71) Name of Applicant : 1)BHARWAD DAYABHAI VASRAMBHAI Address of Applicant :MITHAPUR, MENDARDA, JUNAGADH-362260, GUJARAT, 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)BHARWAD DAYABHAI VASRAMBHAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A herbal composition endoparasite infestation, the composition comprising of Rhynchosia minima, Abelmoschus esculentus and Corchorus capsularis. The method for the preparation of said composition is also disclosed herein. A medicament comprising said composition and a process for the preparation of the medicament is also disclosed herein.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : HERBAL MEDICAMENT FOR HEALING WOUND

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RABARI DEVKARANBHAI
(32) Priority Date	:NA	Address of Applicant :SOCIETY FOR RESEARCH AND INITIATIVES FOR SUSTAINABLE TECHNOLOGIES AND INSTITUTIONS (SRISTI), AES BOYS HOSTEL CAMPUS, NR. SBI BAND AND GUJARAT UNIVERSITY LIBRARY, NAVRANGPURA, AHMEDABAD Gujarat India
(33) Name of priority country	:NA	2)RABARI NARANBHAI
(86) International Application No	:NA	3)DAMOR JAGATABEN
Filing Date	:NA	4)PARMAR LILAJI
(87) International Publication No	: NA	5)DEVGANIA BECHARBHAI
(61) Patent of Addition to Application Number	:NA	6)NAROLLA HARIBHAI
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)RABAR DEVKARANBHAI
Filing Date	:NA	2)RABARI NARANBHAI
		3)DAMOR JAGATABEN
		4)PARMAR LILAJI
		5)DEVGANIA BECHARBHAI
		6)NAROLLA HARIBHAI

(57) Abstract :

A herbal composition for healing, the composition comprising of Azadirachta indica, Acacia nilotica, Ocimum sanctum, Annona squamosa, Curcuma longa and Ricinus communis and bee wax. The method for the preparation of said composition is also disclosed herein, A medicament comprising said composition and a method for the preparation of thOe medicament is also disclosed herein.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1078/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CLUTCH COVER WITH PRELOAD SPRING

(51) International classification	:F16D13/71
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TATA MOTORS LIMITED

Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001 Maharashtra India

(72)Name of Inventor :

1)DEEPAK R R

(57) Abstract :

Accordingly, the disclosure provides a clutch pedal assembly for a motor vehicle comprising, a pedal bracket (9) mounted to fire wall of the vehicle. Further a clutch pedal (1) containing a pedal bracket (la) and a cable arm (lb) are pivoted to the pedal bracket (9). In addition, a plurality of spring stoppers is provided on each of the clutch pedal (1) and the pedal bracket (9) at predetermined locations. And a preloaded torsion spring (2) with a first tangential leg (2a) and a second tangential leg (2b) are mounted coaxially at a pivot point (10) on the clutch pedal (1).

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1079/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HYBRID ACCELERATOR CONTROL SYSTEM FOR M&HCV

(51) International classification	:G06F19/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001 Maharashtra India
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SANJAY SHARMA
(61) Patent of Addition to Application Number	:NA	2)SANJOY BISWAS
Filing Date	:NA	3)SAURABH KUMAR MISHRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a Hybrid Accelerator Control System wherein both linkage and cable are used under same system for Medium and Heavy Commercial Vehicle. Here, cable is used in congest area where installation/packaging and servicing are most difficult. In other hand, linkage is used in that area where is a big chance to cut or tear off in touch with surrounded parts during vehicle running condition or servicing/dismantling condition. The design is flexible enough to meet the fitment demands of various type pedal control unit in various cab configuration vehicle at any combination. The Hybrid Accelerator Control System is used for controlling a vehicles speed comprises an accelerator control lever for determining optimum accelerator pedal force 1 of the vehicle,, a linkage which is operatively connected at one end to vehicle fuel injection pump and at other end to said bottom lever assembly, a pull cable assembly which is operatively connected at one end to a accelerator pedal control unit and at other end to said accelerator control lever, a control shaft which is operatively attached between vehicle engine and said accelerator control lever. The linkage is either a pull rod assembly or the pull cable assembly.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1089/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NANOPARTICLE METHOD OF DETECTING THE PRESENCE OF BISULFITE ION (HS03-) IN A SAMPLE USING A CONJUGATE OF CALIX[4]ARENE

(51) International classification	:G01N21/64
(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 INSTITUTE OF TECHNOLOGY

Address of Applicant :DEPARTMENT OF CHEMISTRY,
BOMBAY 400 076, Maharashtra India

(72)Name of Inventor :

1)PROF. CHEBROLU PULLA RAO

2)AMITABHA ACHARYA

(57) Abstract :

This invention relates to a method of detecting the presence of bisulfite ions in a sample. A solution containing silver nanoparticles coated in a conjugate of diamine tetra sulphonato calix[4]arene changes its colour from orange yellow to bright orange red immediately in the presence of HS03 ions

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1090/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR PRODUCING MICRO-PELLETS FROM INDUSTRIAL WASTE

(51) International classification	:A61K38/46
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ESSAR STEEL LIMITED

Address of Applicant :27 KM SURAT HAZIRA ROAD,
SURAT - 394 270 GUJARAT INDIA

(72)Name of Inventor :

1)GAUTAM BANERJEE

2)DR. ACHINTYA KUMAR DAS

3)SIRSHENDU CHATTERJEE

4)PREMAL SHAH

(57) Abstract :

This invention relates to micro pelletization of sludge obtained from effluent treatment plants sludge is mixed with dust of electric furnace and lime fines. This mixture is agglomerated in the presence of moisture and in the absence of additional binders like bentonite. Agglomeration is effected in a rotatable inclined by disposed drum.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2011

(21) Application No.1689/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SECURITY SYSTEM FOR VEHICLE AFTER SALES

(51) International classification	:G07G 1/00	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R & D CENTER,AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR,NASHIK-422 007, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PRABAHARAN PALANIVELU
(87) International Publication No	:N/A	2)V.SENTHIL MURUGAN
(61) Patent of Addition to Application Number	:NA	3)SANDEEP YELESWARAPU
Filing Date	:NA	4)SRINIWAS ARAVAPALLI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the motor vehicle security systems' after sales handling system which consists of an immobilizer especially an electronic key based immobilizer which needs paring of one or more units together to ensure the vehicle security. Comprises an immobilizer the electronically coded key, ECUs. of vehicles and centralised server interconnected with secure communication by a live data capturing system for collecting data from various ECUs of vehicles getting manufactured in all the plants of organisation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2011

(21) Application No.1690/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TRANSPOUNDER BASED IMMOBILIZER

(51) International classification	:B60R 25/04	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R & D CENTER,AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR,NASHIK-422 007, MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PRABAHARAN PALANIVELU
(87) International Publication No	:N/A	2)V.SENTHIL MURUGAN
(61) Patent of Addition to Application Number	:NA	3)SRINIWAS ARAVAPALLI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a transponder based immobilizer. The said immobilizer comprises a portable electronic key transponder chip embedded in the key, a micro-process based Immobilizer unit and micro-process based Engine management system ECU interconnect able by the wireless network When Ignition is ON in the vehicles all these units are interacting with each other in their respective communication medium. The arrangement is such way that the said Immobilizer ECU & transponder in the key are mutually authenticated by both before the key validity information is processed and the said EMS ECU & Immobilizer ECU are mutually authenticated by the both in the before taking the decision on the fuel release.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/07/2010

(21) Application No.1739/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN IMPROVED CONTACT ARRANGEMENT FOR HIGH FAULT CURRENT WITHSTAND IN A LOW VOLTAGE SWITCHING DEVICE

(51) International classification	:H01H1/54; H01H1/58	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)DAYALAPALLI SUNIL 2)ROUT TAPAS R.
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an improved contact arrangement in a low voltage switching device to withstand high fault currents. The improved contact arrangement in a low voltage Switching device, preferably a power circuit breaker comprising of at least a pair of stationary conductors (1, 6) joined by moving conductor (4), a portion of which is a flexible conductor (5) with appropriate ratio /geometry comprising a dynamic compensation loop to compensate constriction forces generated on account of fault currents of high magnitude flowing through the contacts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2011

(21) Application No.1921/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : OPTICAL SCISSOR FOR CUTTING AND END WELDING OF WIRE

(51) International classification	:B23K 11/00	(71) Name of Applicant : 1)SCANTECH LASER PVT. LTD Address of Applicant :A-517, T.T.C. INDUSTRIAL AREA, MIDC, MAHAPE, NAVI MUMBAI - 400701, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHIKARKHANE NAREN SHIRIRAM
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a composite laser cutting and end welding system and ensuring cutting and welding operation to be in time and cost saving. The present invention provides a method and system for enabling the plurality of the adaptable nozzle lens assembly to provide a unique system utilizing laser power to get best efficiency and system which welds loose strands to form a single joint wire or only roding off end edges to smooth ball finish, which helps in great way further in automatic feeder loader system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1082/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN IMPROVED PEDAL MECHANISM FOR AUTOMOBILE

(51) International classification	:B60K35/00,B60R16/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TATA MOTORS LIMITED

Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI-400001 Maharashtra India

(72)**Name of Inventor :**

1)ANSHUMAN GUPTA

2)RAMAN CHOUDA

3)SUSHIL YADAV

4)DATTA S. KAD

(57) Abstract :

A brake pedal assembly comprising, a brake pedal (1) having a force input end (11), a brake pedal pivoting end (12) about which said pedal moves, said pedal pivoting end is pivotally connected to a bush (7), a linkage means, having, a booster end and a linkage means pivoting end (13) about which the linkage means (2) moves, said booster end (14) is disposed adjacent to said pedal pivoting end (13), while said linkage means pivoting end (13) is disposed away from the said brake pedal pivoting end (12), and said linkage means pivoting end (13) is pivotally connected to a second bush (3), a securing means (5) for securing said pedal (1) to the slotted link (2), said securing means (5) being configured to transfer the movement of said pedal (1) to said linkage meahs (2), a brake booster pushrod (8) pivotally connected to said linkage means (2) at the brake booster end (14) by means of a pivotal attachment (6), wherein said linkage means (2) is configured to allow movement of said securing means (5), and wherein the distance between said pivotal attachment (6) and the second bush (3) is always greater than the distance between the securing means (5) and the second bush (3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1781/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN AUTOMATED INTEGRATED SYSTEM, METHOD AND PLATFORM FOR HEALTHCARE SERVICES

(51) International classification	:G06Q50/00	(71) Name of Applicant : 1)PAWAN SAHARAN Address of Applicant :A 2101-04, MANSAROVAR NEELKANTH HEIGHTS, POKHRAN ROAD NO.1, THANE (W) - 400 601, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a web based integrated informatics system for healthcare services, in one embodiment, this is accomplished by one or more client device, one or more server including at least one control logic module, one or more databases for maintaining a plurality of health care related information for users and one or more communication network integrating the server, the client device and the database to communicate with each other, wherein the system is configured to receive information or request sent by one or more client devices, where the received information/s or request/s are processed by the control logic of the server, where the control logic processes the information or request based on the business and data logics with the all available databases, the processed request is integrated with relevant healthcare information or services and received by the client device.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2011

(21) Application No.1927/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : EXTENDED RELEASE PHARMACEUTICAL COMPOSITIONS OF FESOTERODINE

(51) International classification	:A61K31/24, A61K9/14, A61P1/00	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :SARKHEJ-BAVLA N.H. NO. 8A, MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210, GUJARAT, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)ROY SUNILENDU BHUSHAN
(33) Name of priority country	:NA	2)KULKARNI SUSRUT KRISHNAJI
(86) International Application No Filing Date	:NA :NA	3)HANDA AJAYKUMAR
(87) International Publication No	:N/A	4)SAVJANI KETAN TULSIDAS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to extended release pharmaceutical compositions of fesoterodine or salts thereof. The invention also relates to processes for the preparation of such compositions and use thereof for treatment of overactive bladder or patient having symptoms of urinary incontinence, urinary urge incontinence, imperative urinary urge, and/or increased urinary frequency.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.1928/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF SEVELAMER HYDROCHLORIDE AND FORMULATION THEREOF

(51) International classification	:A61K31/785, A61K9/16	(71) Name of Applicant : 1)USV LIMITED Address of Applicant :ARVIND VITTHAL GANDHI CHOWK, B.S.D. MARG, STATION ROAD, GOVANDI, MUMBAI - 400 088 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)HEGDE, DEEPAK ANANT
(33) Name of priority country	:NA	2)CHOUDHARY, VARSHA SHASHANK
(86) International Application No	:NA	3)TARUR, RADHAKRISHNAN
Filing Date	:NA	VENKATASUBRAMANIAN
(87) International Publication No	:N/A	4)SATHE, DHANANJAY GOVIND
(61) Patent of Addition to Application Number	:NA	5)MONDKAR, HARISH KASHINATH
Filing Date	:NA	6)PATIL, SAMADHAN DAULAT
(62) Divisional to Application Number	:1402/MUM/2006	7)THOOVARA, SASIKUMAR MOHAN
Filed on	:01/09/2006	8)BHIDE, YOGESH SHARAD

(57) Abstract :

Disclosed herein is an improved process for preparation of Sevelamer hydrochloride having phosphate binding capacity of 4.7 to 6.4mmol/g. Further, the invention discloses Sevelamer hydrochloride compositions and a novel process for preparation of said compositions comprising high shear non-aqueous granulation.

No. of Pages : 53 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1083/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD OF HEATING OF ENGINE SUMP OIL FOR SUBZERO STARTING

(51) International classification	:B60H1/22,F01M5/02,F02N19/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TATA MOTORS LIMITED

Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOEK MUMBAI-400 001 Maharashtra India

(72)Name of Inventor :

1)VISHAL V GAIKWAD

2)CHANDRASHEKHAR V KOTULKAR

(57) Abstract :

The present invention relates to a system and a method of heating engine (1) and engine oil sump (2). The invented system comprising a primary liquid heating circuit (14) conveying a liquid coolant. Preferably the system is provided with a secondary liquid cooling circuit (15) disposed parallel to the primary liquid heating circuit (14). Hot coolant will go to the engine block (1) as well as through HVAC heater (10) and return back to heater (8). The hot water will circulate through the liquid heating circuit to heat the engine and engine oil sump utilizing maximum energy available in the hot coolant. This coolant will again go to the heater 8 and the cycle continuous till coolant temperature rises to a predetermined temperature and remains constant for few seconds. The secondary liquid cooling circuit (15), which consists of radiator (11) having thermostat (12) and an engine driven coolant pump (13). The coolant pump (13) functions only when engine (1) is running. This secondary liquid cooling circuit (15), i.e. the radiator circuit, starts functioning when coolant temperature crosses a predetermined value.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : POWER TAKE-OFF DRIVE SYSTEM FOR OFF ROAD VEHICLES

(51) International classification	:F16H1/28,F16H37/00	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :GATEWAY BUILDING, APOLLO BUNDER, MUMBAI - 400001, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)JANARTHANAN DEVAKUMARA RAJA
(87) International Publication No	: NA	2)SAYYED SUHEAL AHMED SHAFIQ
(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 system incorporating a power take-off drive system for use with off road vehicles such as tractors and alike, and particularly, concerned with a power take-off drive arrangement for establishing both clockwise and anticlockwise rotation at outer end of a power take off drive shaft that is exposed outside of transmission housing of the vehicles. The transmission system consists a power take-off system (15) which further consists a plurality of bevel gears arranged in order to either maintain clockwise rotation of the coupling shaft(19) at the power take-off shaft(16) by engaging the coupling device with a cog-wheel(39) or convert clockwise rotation of the said coupling shaft into anti-clockwise rotation at the power take-off shaft(16) by engaging said coupling device to a cog ring(36) fitted therein.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.1936/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FREQUENCY TO VOLTAGE CONVERTER

(51) International classification	:H02M3/00, H02M3/10, H02P1/00, :NA	(71) Name of Applicant : 1)INDIAN INSTITUAT OF TECHNOLOGY, BOMBAY Address of Applicant :POWAI, MUMBAI 400076, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SANTOSH KUMAR GOWDHAMAN
(33) Name of priority country	:NA	2)MARYAM SHOJAEI BAGHINI
(86) International Application No Filing Date	:NA	3)VINEETH ANAVANGOT
(87) International Publication No	:N/A	4)JAYANTA MUKHERJEE
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

According to the invention, there is provided a frequency to voltage converter for generating an output voltage proportional to the frequency of input signal. It comprises a switched capacitor circuit for receiving input signal and generating an input current proportional to said frequency, the switched capacitor having a capacitor charging and discharging at said frequency; an operational transconductance amplifier (OTA) for receiving at least one control voltage representative of the input current and generating current proportional to the at least one control voltage; at least one negative feedback circuit connecting input and output of the OTA, each negative feedback circuit comprising: a control transistor coupled to a node of the OTA; a diode connected transistor coupled to the control transistor for sensing current flowing through the control transistor; and a feedback transistor coupled to another node of the OTA, also coupled to the diode connected transistor in a current mirror configuration for mirroring current flowing through the diode connected transistor, and further coupled to a control terminal of the control transistor for varying current through the control transistor till an equivalence is established between the input current and currents through the control, diode-connected and feedback transistors and a voltage at the output of the OTA is proportional to the input current.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2011

(21) Application No.1087/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN APPARATUS AND METHOD FOR PROCESSING DEFORMED HMHDPE PLASTIC TUBE/SECTION TO REGAIN ITS ORIGINAL SHAPE

(51) International classification	:B29C51/02,B29L31/24	(71) Name of Applicant : 1)BALMER LAWRIE-VAN LEER LIMITED Address of Applicant :VALEREX DIVISION, D 195/2, TTC INDUSTRIAL AREA, TURBHE, NEW MUMBAI 400705, 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 relates to an apparatus and method for processing deformed HMHDPE plastic tube/to regain its original shape. More particularly it related to the processing of deformed tubes to regain its original shape and apparatus developed & used. In order to transport the drums in a cost effective manner transportation of drum parts is done. The drum bodies (20) are bundled in set of 10 to 12 tubes by inserting one inside other to reduce the overall cost of transportation and thereby reducing the cost of finished product to longer distances. By doing so the circular shape of the drum bodies is lost and they take a deformed shape as shown in figure 6. Each of the inserted drum body takes different shape depending upon its position in the bundle. To solve the transportation problem these drum bodies were inserted one inside other but for assembling the drum bodies for manufacturing into a drum is difficult because of the deformed shape of the drum bodies. Hence these bundled drum bodies should be initially brought to its original shape by removing the memory of the said deformed bundled HMHDPE tubes permanently by processing them to loose the said memory and achieve a new memory. For this purpose a specially designed apparatus for processing the deformed bundled tubes for regaining them in their original shape is required.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : GAURAV BLOCK MODULE SHAPES

(51) International classification	:A63F9/10, A63F9/12, A63H33/04	(71) Name of Applicant : 1)MR. GAURAV THAPAR Address of Applicant :305, BALAJI, DEVIDAYAL ROAD, MULUND WEST, MUMBAI - 400080, Maharashtra India 2)MRS SUDARSHANA ASHOK THAPAR
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. GAURAV THAPAR
(33) Name of priority country	:NA	2)MRS SUDARSHANA ASHOK THAPAR
(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 flexible block module shapes to be used primarily as a playing equipments/educational equipments/ exercise equipments anywhere by anybody of any age group, popularly known as blocks which are commonly used at pre-school, play school, wherein the connector is preferably made from foam, therefore enabling one simple element to act as a complex-shaped module.

No. of Pages : 63 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.1934/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LAMINATE FOR PACKAGING.

(51) International classification	:B32B27/08, B32B7/12, B65B61/02,	(71) Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED Address of Applicant :A COMPANY INCORPORATED UNDER THE INDIA COMPANIESACT,1913 AND HAVING ITS REGISTERED OFFICE AT 165/166 BACKBAY RECLAMATION Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BINOY DEEPTI
(33) Name of priority country	:NA	2)GUNAWAN NG HENDER
(86) International Application No	:NA	3)HARJANTO ANTON
Filing Date	:NA	4)KOBAYASHI SHUICHI
(87) International Publication No	:N/A	5)KOICHI MIKAMI
(61) Patent of Addition to Application Number	:NA	6)MORE VEENA PRADEEP
Filing Date	:NA	7)NOTOSOESANTO ELYANI
(62) Divisional to Application Number	:NA	8)ROHMAN CHOLILU
Filing Date	:NA	

(57) Abstract :

Laminate for packaging We have determined that multilayered laminate having a polyolefin film having a coating of a metal or a metal oxide over or underneath a coating of sol-gel polyvinyl alcohol are easier to recycle and have much lower environmental impact. The laminates also have higher barrier property, particularly very low water vapour transmission rate and Oxygen transmission rate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.1935/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TWO PLATE DIE CASTING EQUIPMENT FOR CASTING AT LEAST TWO CRANKCASES FROM A SINGLE DIE

(51) International classification	:B29C49/06, B29C49/42, B29C49/48	(71) Name of Applicant : 1)GODREJ & BOYCE MFG. CO. LIMITED Address of Applicant :PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI 400 079, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SHAH TUSHAR VISHNUDAS
(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 :

According to the invention, there is provided a two plate die casting equipment for casting at least two crankcases from a single die. The two plate die casting equipment comprises a fixed die part; a relatively movable die part configured to be disposed adjacent to the fixed die part in a die closed portion and be separated therefrom in a die open position; a mold cavity formed between the fixed and movable die parts in the die closed position for receiving molten metal for producing a casting thereof; and an ejector assembly provided in the movable die part having an ejector plate movable in a direction opposite to die opening direction for ejecting the casting from the movable die part in a die open position through one or more ejector pins; and at least one angular core assembly fixedly coupled to the ejector plate and detachably coupled to the casting, each angular core assembly comprising an angular core which includes an undercut recess at a lower surface for receiving a protruding portion of the casting for enabling the casting to remain engaged with the movable die part prior to ejection and during die opening.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD FOR SEPARATION OF 1-CHLORO-2,2,2-TRIFLUOROETHYL DIFLUOROMETHYL ETHER

(51) International classification	:C07C41/22	(71) Name of Applicant : 1)PIRAMAL HEALTHCARE LTD. Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI 400 013, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)RAJENDRA MALI
(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 continuous process for purification of crude Isoflurane to yield pure Isoflurane using an entrainer such as water miscible solvent. The solvents, water miscible solvent and water used in the purification process are recycled, making the process commercially viable and environment friendly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD OF ASSEMBLING RECIPROCATING PISTON AND CONNECTING ROD

(51) International classification	:F02B75/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EMERSON CLIMATE TECHNOLOGIES (INDIA) LTD.

Address of Applicant :PLOT NO. 23, RAJIV GANDHI
INFOTECH PARK, NIRMAL PHASE-II, HINJEWADI, PUNE-
411 057, MAHARSHTRA, India

(72)Name of Inventor :

1)SUMEDH TANAJI NALAVADE

(57) Abstract :

An adaptor for assembling a connecting rod (12) with a crankshaft (13) for a reciprocating device (100) is disclosed wherein a cylindrical bush (10) having a first axis has a non circular wall portion. A cylindrical passage is defined in a cylindrical bush (10) having a second axis spaced apart from the first axis. The cylindrical bush (10) is restrainably fitted to the crankshaft (13) through a restraining arrangement.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1954/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A HYBRID POWER GENERATION SYSTEM AND METHOD THEREOF

(51) International classification	:F01K23/02, F01K23/10, F02C6/18 :NA :NA :NA :NA :NA :N/A :NA :NA :NA	(71) Name of Applicant : 1)THERMAX LIMITED Address of Applicant :D-13, MIDC INDUSTRIAL AREA, R.D. AGA ROAD, CHINCHWAD, PUNE - 411 019, Maharashtra India (72) Name of Inventor : 1)SONDE RAMKRISHNA 2)DESHPANDE GAJANAN
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(57) Abstract :

A hybrid power generation system (100) which uses renewable energy sources, typically solar power and biomass, to generate superheated steam, is disclosed. The superheated steam is used in a plurality of gas turbines (120, 124) for expansion and generation of power. The system (100) comprises control valves (114) in communication with plurality of control means (116) so as to automatically manipulate the operation of the boilers (102, 104) depending on the amount of solar energy harnessed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1955/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS AND COMPOSITION OF A NEW CATALYST/ADDITIVE FOR REDUCING FUEL GAS YIELD IN FLUID CATALYTIC CARCKING (FCC) PROCESS

(51) International classification	:C10G11/04	(71) Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV 222, NARIMAN POINT MUMBAI-400021, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DINDA SRIKANTA
(87) International Publication No	:N/A	2)CHINTHALA PRAVEEN KUMAR
(61) Patent of Addition to Application Number	:NA	3)GOHEL AMIT
Filing Date	:NA	4)YADAV ASHWANI
(62) Divisional to Application Number	:NA	5)ANDAL SUKUMAR
Filing Date	:NA	6)RAVICHANDRAN GOPAL
		7)DAS ASIT KUMAR

(57) Abstract :

In the present invention, a FCC catalyst, an additive component with certain physical properties attributed therein. The present invention is also directed to provide methods for the preparation of the FCC catalyst and the additive component in order to impart certain physical properties therein. The admixture of the FCC catalyst and additive component is used in cracking of hydrocarbon feedstock containing hydrocarbons of higher molecular weight and higher boiling point and/or olefin gasoline naphtha feedstock for producing lower yield of fuel gas with out affecting the conversion and yield of general cracking products such as gasoline, propylene and C4 olefins.

No. of Pages : 50 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL CONTROLLED POROSITY OSMOTIC RELEASE (CPOR) DELIVERY SYSTEM

(51) International classification	:A61K31/00, A61K31/337, A61K31/496	(71) Name of Applicant : 1)LYKA LABS LIMITED Address of Applicant : 101,SHIVSHAKTI INDUSTRIAL ESTATE,ANDHERI-KURLA ROAD,ANDHERI(EAST),MUMBAI 400059 MAHARASHTRA India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)GANDHI NARENDRA ISHWARLAL 2)SAMANT RAJAN SHANTARAM
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention discloses a novel Controlled Porosity Osmotic Release (CPOR) delivery system for controlled release of highly water soluble drugs wherein the controlled porosity of the membrane is accomplished by the use of different channeling agents in varying proportions in the coating solution. The present invention in particular discloses CPOR based novel osmotic drug delivery system for Citicoline Sodium.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2011

(21) Application No.1922/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A SYSTEM FOR GENERATING GREEN ENERGY

(51) International classification	:A01G9/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THERMAX LIMITED

Address of Applicant :D-13, MIDC INDUSTRIAL AREA,
R.D. AGA ROAD, CHINCHWAD, PUNE - 411 019,
Maharashtra India

(72)Name of Inventor :

1)PANNEERSELVAM BABU

2)RANADE MUKUND

(57) Abstract :

A system for generating energy is disclosed. The system (100) combines an organic rankine cycle and a vapor compression cycle to generate energy. A turbine (114) expands high pressure primary refrigerant vapors to generate energy. The low pressure primary refrigerant vapors obtained in the turbine (114) are used to evaporate a secondary refrigerant in an evaporator (102). The system (100) eliminates water-related problems such as water-freezing, formation of water vapor plumes and water pollution issues, associated with conventional organic rankine cycles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/07/2011

(21) Application No.1924/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR INFORMATION FUSION

(51) International classification	:G06F17/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, 400021 Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHROFF, GAUTAM
(87) International Publication No	:N/A	2)AGARWAL, PUNEET
(61) Patent of Addition to Application Number	:NA	3)SHARMA, SAURABH
Filing Date	:NA	4)BHAT, SHEFALI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems for information fusion are described herein. In one implementation, the method includes posting a fact on a layered memory structure (126) and indexing the posted fact to a group, such that facts with a similar property measure are indexed to same group. Further, one or more knowledge modules (122) are applied on the posted fact and one or more input facts indexed to the group. Based on the application of the one or more knowledge modules (122) an output fact is provided and it is determined whether the output fact is a deduced fact based on a probability estimate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1943/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR ENHANCING BIOGAS POTENTIAL BY PRESSURIZATION.

(51) International classification	:C02F3/28, C05F17/00, C05F3/00	(71) Name of Applicant : 1)KIRLOSKAR INTEGRATED TECHNOLOGIES LIMITED. Address of Applicant :13/A, KARVE ROAD, KOTHRUD, PUNE- 411038, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MATE NITANT VISHNU
(33) Name of priority country	:NA	2)KOPARKAR YOGESH PRABHAKAR
(86) International Application No Filing Date	:NA	3)PANDIT MAITREYI DEWASHISH
(87) International Publication No	:N/A	4)KHOT NIHIL APPASAHEB
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention describes biogas production by biomethanation process. The invention illustrates effect of pressurized systems and / or pressure on biogas production by biomethanation process from fixed dome bioreactor, the pressure in the bioreactor being above atmospheric pressure, preferably of about 1.2 atmospheric bar.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF TRIAMCINOLONE HEXACETONIDE

(51) International classification	:A61K35/14, A61K9/00, A61P19/00	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD-380 015, GUJARAT, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SINGH, SUNITA
(33) Name of priority country	:NA	2)SHAH, TEJASH C.
(86) International Application No Filing Date	:NA :NA	3)SINGH, MANOJ KUMAR
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the process for the preparation of 9 α -fluoro-11 β ,21-dihydroxy-16 α ,17 α -isopropylidenedioxy-1,4-pregnadiene-3,20-dione-21-t-butylacetate of Formula (I).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : TGR5 AGONIST IN THE TREATMENT OF DIABETES AND OBESITY

(51) International classification	:A61K31/4164, A61K31/4196, A61K31/423	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJARAT, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)AGARWAL, SAMEER
(33) Name of priority country	:NA	2)JAIN, MUKUL, R.
(86) International Application No Filing Date	:NA	3)PATEL, PANKAJ, R.
(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 :

Substituted heterocyclic compounds and their use for the treatment of metabolic disorders The present invention relates to compounds of the general Formula I their pharmaceutically acceptable salts, pharmaceutically acceptable solvates, enantiomers, diastereomers, prodrugs, their N-oxide, metabolites, polymorphs, use of these compounds in medicine and the intermediates involved in their preparation.

No. of Pages : 76 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN APPARATUS FOR HOLDING CONTAINERS IN 3 DIMENSIONAL MIXIER/BLENDER

(51) International classification	:A47K3/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JIGER TALATI

Address of Applicant :A-208,PRARTHNA PRITI,NEAR
TULSIDHAM APT,MANJALPUR,VADODARA-390

011,GUJARAT India

(72)Name of Inventor :

1)JIGER TALATI

(57) Abstract :

The present invention is related to an apparatus for 3D mixing capable of imparting rotary, tumbling and shaking movement for the material kept in a closed rotating bowl According to this invention the ends of the rotating bowl are opened and provided with means for holding containers of different size and shape using plurality of strings made of elastic material .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.1973/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HYDROGEN PRODUCTION METHOD BY MULTI-STEP COPPER-CHLORINE THERMOCHEMICAL CYCLE

(51) International classification	:C01B3/50, C25B1/02	(71) Name of Applicant : 1)YADAV GANPATI DADASAHEB Address of Applicant :CHEMICAL ENGINEERING DEPARTMENT,INSTITUTE OF CHEMICAL TECHNOLOGY(DEEMED UNIVERSITY),NATHALAL PAREKH MARG,MATUNGA(EAST)MUMBAI 400019,Maharashtra India
(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	:N/A	(72) Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA	1)YADAV GANPATI DADASAHEB 2)PARHAD PRAKASH SANTOSHRAO
(62) Divisional to Application Number Filing Date	:NA	3)NIRUKHE ASHWINI BHAGAVAN

(57) Abstract :

The present invention discloses a method for thermochemical production of hydrogen and oxygen from water by a low temperature, multi-step, closed, cyclic copper-chlorine (Cu-Cl) process involving the reactions of copper and chlorine compounds. A method for production of hydrogen via Cu-Cl thermochemical cycle consists of four thermal reactions and one electrochemical reaction and one unit operation. The cycle involves six steps: (1) hydrogen production step; (2) copper production step; (3) drying step; (4) hydrogen chloride production step; (5) decomposition step; (6) oxygen production step. The net reaction of the sequential process is the decomposition of water into hydrogen and oxygen. The methods for production of copper oxide which comprises contacting copper chloride particles with superheated steam and production of oxygen comprises reaction of copper oxide with dry chlorine as a part of hydrogen production by thermochemical Copper-Chlorine (Cu-Cl) cycle. The reactions are performed in a flow through type quartz reactor as fixed bed type at high temperature and atmospheric pressure. All the reactions in Cu-Cl cycle are experimentally demonstrated for proof-of-concept work.

No. of Pages : 33 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.1974/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : EFFECT OF OPERATING PARAMETERS ON THE PERFORMANCE OF ELECTROCHEMICAL CELL IN COPPER-CHLORINE CYCLE

(51) International classification	:G01N27/416	(71) Name of Applicant : 1)YADAV GANPATI DADASAHEB Address of Applicant :CHEMICAL ENGINEERING DEPARTMENT,INSTITUATE OF CHEMICAL TECHNOLOGY(DEEMED UNIVERSITY),NATHALAL PAREKH MARG,MATUNGA(EAST)MUMBAI 400019,Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YADAV GANPATI DADASAHEB
(62) Divisional to Application Number	:NA	2)PARHAD PRAKASH SANTOSHRAO
Filing Date	:NA	3)NIRUKHE ASHWINI BHAGAVAN

(57) Abstract :

The electrolysis of cuprous chloride was carried out in the electrochemical cell. The particle size, current density, cathodic current efficiency, conversion of cuprous chloride and yield of copper formed depends strongly on current flow, heat transfer and mass transfer operation. The current flow, heat transfer and mass transfer are depends on surface area ratio of anode to cathode, distance between electrodes, concentration of HC1, applied voltage, flow rate of electrolyte, CuCl concentration and reaction temperature. The electrolysis of cuprous chloride as a part of Cu-Cl thermochemical cycle for hydrogen production is experimentally demonstrated in proof-of-concept work.

No. of Pages : 29 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.1975/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ELECTROCHEMICAL CELL USED FOR THE PRODUCTION OF COPPER USING CU-CL THERMOCHEMICAL CYCLE

(51) International classification	:C25B9/00	(71) Name of Applicant : 1)YADAV GANPATI DADASAHEB Address of Applicant :CHEMICAL ENGINEERING DEPARTMENT,INSTITUATE OF CHEMICAL TECHNOLOGY(DEEMED UNIVERSITY),NATHALAL PAREKH MARG,MATUNGA(EAST)MUMBAI 400019,Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YADAV GANPATI DADASAHEB
(62) Divisional to Application Number	:NA	2)PARHAD PRAKASH SANTOSHRAO
Filing Date	:NA	3)NIRUKHE ASHWINI BHAGAVAN

(57) Abstract :

The electrochemical cell consists of hollow tube and centralized copper rod. The tubes have first and second ends. The first end cap is used to close the first open end. The anolyte inlet is extended through the first end cap in anolyte compartment and catholyte inlet is extended through the first end cap in catholyte compartment. The anolyte and catholyte compartments are separated by ion exchange membrane fixed over inner hollow tube having holes on the surface. A first Teflon gasket has provision for inlet of anolyte and catholyte tube is secured between first tubes end and first end cap. The copper rod is placed at the centre of the tubes acts as cathode. The circular ring works as scrapper to take out deposited copper is provided. A second end cap is used to close the second open. A second Teflon gasket is secured between second tubes end and second end cap. The second end cap has provision for anolyte outlet and comprises a conical dome to collect the deposited copper and transport it along with catholyte. The anolyte trappers and catholyte trappers are connected through the tubes to anolyte and catholyte half cells. The anolyte and catholyte are recirculated through peristaltic pumps, one on each side.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : PIPETTE CONTROLLER

(51) International classification	:B01L3/02, G01N1/00	(71) Name of Applicant : 1)SHAH, CHIRAG NARENDRABHAI Address of Applicant :BUNGLOW#2, SECTOR#1, KALHAR, VILLAGE-NANDOLI, TALUKA-KALOL, DIST.- GANDHINAGAR- 382010, GUJARAT, 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)SHAH, CHIRAG NARENDRABHAI
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides an apparatus for aspirating liquids into and dispensing liquids from a pipette, wherein the apparatus comprises of a pipette connecting means adapted to operatively connect the pipette to the apparatus; a dispensation knob for dispensing the liquid from the pipette at a first defined speed; an aspiration knob for aspirating of the liquid from the pipette at a second defined speed; and a control switch for controlling speed of aspiration and dispensation of the liquid, wherein a press of the control switch changes speed of aspiration and dispensation from the first defined speed or the second defined speed to a minimum speed.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1962/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INTELLIGENT ITERATIVE SEARCH ENGINE WITH MANUAL DATABASE FEEDING SYSTEM FOR PRIOR ART.

(51) International classification	:G06F17/30, H04N7/173	(71) Name of Applicant : 1)TANNA CHIRAG SHRIKANT Address of Applicant :B-62,72,73 PEREIRA NAGAR NO.7,KHOPAT,THANE(W),400 601 MAHARSHTRA, 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)TANNA CHIRAG SHRIKANT
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An intelligent iterative search engine with manual database feeding system for prior art, said system comprises: crowdsourcing module and method adapted to provide a crowdsourcing platform for entering plurality of data in relation to formulating query, said crowdsourcing module adapted to further build plurality of synonym databases; multi-mode search engine adapted to provide multiple distributed search results based on data from each of said plurality of synonym databases; query improvement means adapted to provided an iterative query improvement logic based on user ratings or user selection of data from various databases in relation to a first input; and Justified Unified Information - Retrieval search engine adapted to provide iterative query improvement based on received data from a crowdsourced database.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.1977/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF THE CANDY USING BUTTERMILK AND PRODUCT THEREOF

(51) International classification

:A23G3/34

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

No. of Pages : 5 No. of Claims : 3

(71)**Name of Applicant :**

1)HOSKOTE CHAITANYA GAJANAN

Address of Applicant :D/8, YOJANA CO-
OP.HSG.SOCIETY,NATWAR NAGAR,ROAD
NO.5,JOGESHWARI(E),MUMBAI-400060,Maharashtra India

(72)**Name of Inventor :**

1)HOSKOTE CHAITANYA GAJANAN

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2086/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF AMORPHOUS DEXLANSOPHRAZOLE

(51) International classification	:C07D401/12	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJARAT, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DWIVEDI SHRIPRAKASH DHAR
(87) International Publication No	:N/A	2)PRASAD ASHOK
(61) Patent of Addition to Application Number	:NA	3)PAL DAYA RAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to dexlansoprazole (I) and its intermediates thereof. In particular, the present invention provides an improved process for preparation of amorphous Dexlansoprazole. The present invention also relates pharmaceutical compositions that include the amorphous dexlansoprazole substantially free from crystalline forms.

No. of Pages : 27 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

(21) Application No.2088/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AUTOMATIC TURN INDICATION SYSTEM FOR AUTOMOTIVE VEHICLES

(51) International classification	:G08G1/0968	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LIMITED
(32) Priority Date	:NA	Address of Applicant :R & D CENTER, AUTOMOTIVE
(33) Name of priority country	:NA	SECTOR 89, M.I.D.C. SATPUR, NASHIK-422 007, Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)VISHNU JAIRAM KASKAR
(61) Patent of Addition to Application Number	:NA	2)MOHAN BABU PADMANABHAN
Filing Date	:NA	3)VIJAYAN THIRUMURTHY
(62) Divisional to Application Number	:NA	4)JAGANNATHAN JAIPRAKASH
Filing Date	:NA	

(57) Abstract :

The invention relates to an automatic turn indication system (1) for automotive vehicle comprises of steering angle sensor (2), navigation system (3), electronic control unit (ECU) (4) and turn lamps (5). The steering angle sensor senses the rotational movement of the steering angle. The steering angle sensor and navigation system are connected to the electronic control unit through CAN network (6). CAN is a controller area network and it is a vehicle bus standard designed to allow microcontrollers and devices to communicate with each other within a vehicle. The CAN is a message based protocol designed specifically for automotive applications. The electronic control unit is embedded with a feature based on functions required and is configured to receive the messages from steering angle sensor and navigation system; process it and then send the output message to the turn lamps. The turn lamps are connected to the electronic control unit through wiring harness (7). The turn indication lamps are mounted outside the vehicle on vehicle body with two lamps on front end corners and two lamps on rear end corners of the vehicle.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2083/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR ISOLATING PURE CRYSTALLINE IMIPENEM

(51) International classification	:C07D477/02; C07D477/20; C30B29/54	(71) Name of Applicant : 1)Frichem Private Limited Address of Applicant :12 Concord Bullock Road Band Stand Bandra West Mumbai-400 050 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DANDALA Ramesh
(33) Name of priority country	:NA	2)KUMAR Hari Bhushan
(86) International Application No Filing Date	:NA	3)CHAUHAN Yogendra Kumar
(87) International Publication No	: NA	4)JARSANIA Samir
(61) Patent of Addition to Application Number Filing Date	:NA	5)PATEL Brijesh
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention discloses the cost effective and industrially viable process for the isolation of highly pure crystalline imipenem, which comprises adjusting the pH of basified water followed by addition of crude imipenem to it at room temperature and precipitating imipenem monohydrate as crystalline material using suitable organic solvent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2084/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COLORIMETER □

(51) International classification	:G01J3/10; G01J3/46	(71) Name of Applicant : 1)AMIT BHATNAGAR Address of Applicant :1101 Tower 2 Swastik Regalia Mhatre Compound Waghibil Ghodbunder Road Thane - West Mumbai Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)AMIT BHATNAGAR
(33) Name□ of priority country	:NA	
(86) International Application No	:NA	
Filing Dat□	:NA	
(87) 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 an optical waveguide, comprising: an input end for receiving a divergent beam; an output end for outputting an illuminating beam; a longitudinal cavity extending from the input end till the output end; a first pinhole located at a first predetermined distance from the input end within the said longitudinal cavity for receiving the divergent beam and for generating a fringe pattern, said first pinhole bifurcating the longitudinal cavity into a first and a second light propagating regions, the longitudinal cavity forming the first light propagating region being provided with a reflective coating on its internal surface to enable internal reflection of the divergent beam; and a second pinhole located at the output end for receiving the fringe pattern thus generated by the first pinhole and for outputting the illuminating beam corresponding to a central bright fringe contained in the said fringe pattern via the output end.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2085/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A FOLDABLE SURGICAL GOWN WITH IMPERMEABILITY CORRESPONDING TO OPEN SURGERY STANDARD

(51) International classification	:A41D13/12	(71) Name of Applicant : 1)JOHNSON & JOHNSON LTD. Address of Applicant :30, FORJETT STREET, MUMBAI 400 036 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)BALKRISHNA N NADKARNI 2)JOTHIRAM J ATHREYA 3)ZUBIN DARUWALA
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to a foldable surgical gown with impermeability corresponding to open surgery standard comprising a main body configured to cover a predetermined location of a wearers physic, the main body having a front portion and a rear portion formed out of a single sheet produced from 50 gsm spunbound and melt blown composite fibre, the rear portion provided with an opening including at least two pairs of ribbons acting as waist closure; left and right sleeves produced from a fabric identical to that of the main body and attached to said main body to substantially extend from an upper neck portion of the body upto the bottom edges, the sleeves configured with a slanted edge with dual pane) corresponding to the attachable edge of the main body to allow an anti tug motion to the wearer performing the open surgery, wherein the first panel of the sleeves extending across the front shoulder to arm pit is ultrasonically fused, wherein the second sleeve panel extending across the back shoulder rearwardly upto the armpit is glued or stitched, and wherein the ultrasonic fusing process comprising a plurality of tiers forming a fail-safe protective closure in which a first tier produced with a dotted line closure at a first level repelling about half of fluid generated during the surgical intervention, and a second tier formed of a solid line closure providing final level of protection to repel the remainder of the fluid-content wherein the pairs of waist closure is either glued or stitched or ultrasonically fused to the rear portion of the main body to provide the desired level of protection to the wearer, and wherein the surgical gown is foldable to maintain the desired sterility till opened for wearing by the surgeon.

No. of Pages : 42 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.1956/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD OF A WEB BASED PRODUCT CRAWLER FOR PRODUCTS OFFERING

(51) International classification	:G06F17/30, G06Q30/00	(71) Name of Applicant : 1)Kanani Hirenkumar Nathalal Address of Applicant :D/78 Jay Ganeshwar Society Hirabagh Varachha Road Surat 395006 Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)Kanani Hirenkumar Nathalal
Filing Date	:NA	
(87) 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 method of a product crawler having relatively simple automatic program that systematically fetches all the hyperlinks from the view source of the internet pages (web pages) of specific URL or website that has been registered on the service provider™s database server through a service provider™s website and therein the said service provider™s website of which a product search engine being embedded for searching the products that has been offered. The product crawler further analyses the said hyperlinks and then crawls and extracts only their product information related data such as title, description, image, price and model number and save them in the service provider™s database to produce finally a product related data index in the search engine repository to display the product related information for products offering and marketing during when user makes substantially same product related query from the service provider™s website.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.1971/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : VARIABLE SWIRL SYSTEM WITH SECTOR VALVE FOR SIAMESE TWIN INLET PORTS

(51) International classification	:F01L1/34	(71) Name of Applicant : 1)KIRLOSKAR OIL ENGINES LIMITED Address of Applicant :LAXMANRAO KIRLOSKAR ROAD,KHADKI,PUNE 411 003 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)VAZE ABHIJEET
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 :

Variable swirl system disposed in a cylinder head (10) of an internal combustion engine, for facilitating a proper mixing of air and fuel in an internal combustion engine to control the swirl ratio in order to change the position of a sector valve. It comprises Siamese twin inlet ports (2, 7) including a downstream port (2) and an upstream port (7) which share a common wall and a sector valve (12) which can be suitably positioned to simultaneously vary the swirl levels in said twin inlet ports (2, 7) by increasing or decreasing the momentum of the in-cylinder air for better mixing of air and fuel for achieving a lower fuel consumption and least emissions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.1972/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL PROCESS FOR THE FUNCTIONALISATION OF EPOXY BASED RESISTS

(51) International classification	:C09D133/04, C09D151/08, C09D155/00	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY,BOMBAY Address of Applicant : POWAI,MUMBAI 400076 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KUMAR ANIL
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a process for preparation of a polymer composition comprising: blending an epoxy resist, preferably SU-8, and at least one compound of formula I to obtain a reaction mixture; and curing the reaction mixture to obtain the polymer composition. The present disclosure also relates to a polymer composition comprising a reaction product of an epoxy resist, preferably SU-8, and at least one compound of formula I. The present disclosure further relates to a process for manufacturing a device comprising: fabricating a device with polymer composition comprising a reaction product of an epoxy resist, preferably SU-8; and at least one compound of formula I to obtain the fabricated device. The present disclosure also relates to a device comprising: a polymer composition comprising a reaction product of an epoxy resist, preferably SU-8, and at least one compound of formula I.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.2102/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FEED SUPPLEMENT FOR IMPROVING REPRODUCTIVE HEALTH

(51) International classification	:A23K1/00	(71) Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL REASEARCH Address of Applicant :C/O DIRECTOR CENTRAL INSTITUTE OF FISHERIES EDUCATION (ICAR), OFF YARI ROAD, PANCH MARG, VERSOVA, MUMBAI 400061 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SANJAY BALKRISHNA JADHAO
(62) Divisional to Application Number	:NA	2)NEERAJ KUMAR
Filing Date	:NA	3)MD AKLAKUR

(57) Abstract :

A feed supplement for improving reproductive health comprising (per kg weight of animal feed), 1g to 20 g of Soylecithin powder; 1mg to 7mg folic acid; 16.75 mg to 100mg of Vitamin E; 0.2 mg to 0.5mg of Selenium; 10 mg to 100mg Zinc; 10 mg to 100mg Papain (60000 USP to 600000 USP); 0.05mcg to 33mcg methylcobalamin; 0.05mg to 0.1 mg L-Selenomethionine, 1.0 to 5mg Thiamine, 0.3g to 2.5 g Ascorbic acid (Vitamin C) into suitable form.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2009

(21) Application No.2097/MUM/2009 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SHUTTERED SOCKET WITH ELECTRICAL SWITCH

(51) International classification	:H01R 13/70
(31) Priority Document No	:08110353.2
(32) Priority Date	:18/09/2008
(33) Name of priority country	:Hongkong(China)
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CLIPSAL AUSTRALIA PTY LIMITED

Address of Applicant :2 SOLENT CIRCUIT, NORWEST BUSINESS PARK, BAULKHAM HILLS, SYDNEY, NSW 2153, AUSTRALIA.

(72)**Name of Inventor :**

1)FOK SHUNG-KEY ANTHONY

(57) Abstract :

A socket includes a receptacle having an opening through which a plug can be inserted. A shutter is situated across the opening and is adapted to move from a closed configuration to an open configuration upon insertion of a plug to the receptacle. An electrically conductive spring biases the shutter toward the closed configuration. First and second electrical terminals are associated with the spring and the spring forms a closed electrical circuit across the electrical terminals when the shutter is in the open configuration.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.2099/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONTINUOUS POLYMERIZATION PROCESS USING INTENSELY STIRRED VESSELS

(51) International classification	:C08G63/02; C08G63/183; D01F1/02	(71) Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :RELIANCE TECHNOLOGY GROUP RELIANCE CORPORATE PARK 7B GROUND FLOOR THANE-BELAPUR ROAD GHANSOLI, NAVI MUMBAI-400 701, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)ANIL KELKAR 2)KRISHNA SRINIVAS RAO 3)UDAY SHANKAR AGARWAL 4)VED PRAKASH MISHRA 5)VENKATACHALAM S
(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 continuous polymerization process where one or more vessels equipped with stirring means (intermittent reactor vessels) are employed in oligomer transfer line for mixing additives. An additive is added in the vessel equipped with stirring means either as a solution or as slurry. The additive may or may not be reactive with the other monomer of the polyester molecule. The additive reacts with the monomer and incorporates in the polymer backbone in one of the embodiment. One or more further additives are mixed with the pre-reactor monomer mix and are charged in the first reactor or charged through the vessel equipped with stirring means in the form of single slurry or solution or multiple slurries or solutions. Any further vessels employed provide higher residence time proportionate to output and use of such vessels in reactor system is independent of the any further additives.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.2111/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONDUCTING ONLINE AUCTIONS

(51) International classification	:G06Q30/00, G06Q40/00	(71) Name of Applicant : 1)VIJAYANAND DASHARATH SHEKOKAR Address of Applicant :3, SAMRAT ASHOK NAGAR, SHELL COLONY ROAD, CHEMBUR, MUMBAI- 400 071, 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)VIJAYANAND DASHARATH SHEKOKAR
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a secure internet based system for facilitating an auction method with registered bidder(s) and seller(s). The system and method not only eliminate chances of any unwarranted losses incurring to bidders due to unfair competition, but also ensures a minimum number of bidders to make sure that there is sufficient competition to obtain a competitive price for the auctioned item. This balanced out method is highly efficient, effective and economically viable for not just the auction system provider but also for the sellers and buyers. The invention comprises registration and participation of a user as a seller or a bidder, selection of an item to be put on sale by the seller and determination of auction parameters, commencement of the auction upon the sale of specified number of seats and termination upon lapse of auction duration, with the last bidder winning.

No. of Pages : 16 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.2120/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ASPHALT COMPOSITIONS INCLUDING A DISPERSION OF MICROGELS DISPERSED IN AN OIL

(51) International classification	:C08J3/075; C08L95/00	(71) Name of Applicant : 1)RANKA SEEMA AJAY Address of Applicant :9/10, AKASHVAN COMPLEX, SEVASI, VADODARA 391101, GUJARAT, 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)RANKA AJAY ISHWARLAL
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is related to dispersion compositions and asphalt compositions including the dispersion compositions. The dispersion compositions include a microgels dispersed in a continuous oil phase. The dispersed microgels include at least one water swollen/sweliable polymer, water soluble polymer, or combination thereof; The asphalt compositions include bitumen, aggregate, and a dispersion composition having a microgels dispersed in oil. The dispersed microgels include at least one water swollen/sweliable polymer, water soluble polymer, or combination thereof. The present invention also relates to a process for preparation of said asphalt composition.

No. of Pages : 33 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.2100/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD FOR REMOVING ACIDIC GASES FROM WASTE GAS□

(51) International classification	:B01D53/14; B01D53/60	(71) Name of Applicant : 1)LEXTRAN LTD. Address of Applicant :Industrial Zone (P.O. Box 12) 12900 Katzrin Israel
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) Interna□ional Application No	:NA	1)Haim STERNFINE
Filing Date	:NA	2)Gregory PIPKO
(87) International Publication No	: NA	3)Albert MEINTZ
(61) Patent of Addition to Application Number	:NA	4)Arnon AHARON
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application concerns a method for removal of acidic gases of sulfur oxide, nitrogen oxides or mercury vapors from waste gas before it is emitted to the atmosphere by contacting the waste gas with a scrubbing agent comprising organic sulfoxides composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.2101/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ANIMAL FEED SUPPLEMENT

(51) International classification	:A23K1/06	(71) Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL REASEARCH Address of Applicant :C/O DIRECTOR CENTRAL INSTITUTE OF FISHERIES EDUCATION (ICAR)OFF YARI ROAD, PANCH MARG, VERSOVA MUMBAI 400061
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	Maharashtra India
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SANJAY BALKRISHNA JADHAO
(62) Divisional to Application Number	:NA	2)MD AKLAKUR
Filing Date	:NA	3)NEERAJ KUMAR

(57) Abstract :

A animal feed supplement comprising of 1g to 20 g of Soyafecithin powder, 1mg to 7mg of folic acid, 16.75 to 100mg of Vitamin E , 0.2 to 0.5mg of Selenium, 10 mg to 100mg Zinc and 2mg to 20mg of Papain (60000 USP to 600000 USP) into a suitable form.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.2114/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR UNVEILING STATUE

(51) International classification	:G03H1/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BETKAR MAHESHWAR MALLIKARJUN

Address of Applicant :SHIVAI', GOKUNDA, Tq. KINWAT,
DIST. NANDED, PIN-431 811 Maharashtra India

(72)Name of Inventor :

1)BETKAR MAHESHWAR MALLIKARJUN

(57) Abstract :

The present invention concerns a device and a method for unveiling statue. It is a mechanical device, effectively employed for unveiling the statue or similar structures. A set of four thin rings and one thick ring of same diameter are interconnected through nylon ropes such that, it forms a cylindrical structure. The cylindrical structure is firmly connected to a horizontal pipe (1) and positioned horizontally over the statue, by means of a vertical supporting pipe (5). Hoisting nylon ropes, fastened firmly to the lowest ring at equidistance positions and allowed to pass there through rings and through groove of rolling pulley. The end of these ropes are fastened firmly and wound on the axel of electric motor. On switching power to ON, the electric motor (8) winds the hoisting nylon ropes on its axel. The lowest thin ring swells in sequence with the upper thin rings. All the thin rings get collected at uppermost thick ring and this unveils the veiled statue. The device is cost-effective and is uncomplicated to fabricate and also to operate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.2115/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR MEASURING SMALL LENGTH

(51) International classification	:G01J3/443
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BETKAR MAHESHWAR MALLIKARJUN
Address of Applicant :SHIVAI', GOKUNDA, Tq. KINWAT,
DIST. NANDED, PIN 431 811 Maharashtra India

(72)Name of Inventor :

1)BETKAR MAHESHWAR MALLIKARJUN

(57) Abstract :

The present invention concerns a device and method for determining length of small objects. Especially developed three wheel gearing system (11) is encompassed within the scope of the invention, as a primary unit. A microscope (2) is an integral embodiment, assisting to focus the end points of the objects. The longitudinal displacement of the microscope eyepiece positions are synchronized with the circular scale readings. The length of the object is determined from the positions of microscope. The device can be produced at modest cost and easy to fabricate and also to operate. Compared with the prior art the device offers precision measurements in the range far below the micron, with great accuracies. According to the invention, the minimum length can be measured by the device is 6.94×10^{-6} cm.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION OF FEBUXOSTAT

(51) International classification

:A01N43/78;
A61K31/425

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CADILA HEALTHCARE LIMITED

Address of Applicant :SARKHEJ - BAVLA N.H. NO.8A,
MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210,
GUJARAT, INDIA

(72)Name of Inventor :

1)ROY SUNILENDU BHUSHAN

2)KULKARNI SUSHRUT KRISHNAJI

3)HANDA AJAYKUMAR

4)JOGANI PRANAV DHIRAJ BHAI

(57) Abstract :

The present invention relates to pharmaceutical composition of febuxostat or salt thereof for oral administration. More particularly, it relates to a stable and improved pharmaceutical composition of febuxostat or salt thereof, and process of producing the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.2117/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BITTER LESS HERBAL EXTRACTION AND METHOD THEREOF

(51) International classification	:A61K35/56; A61K36/8968; A61P9/04	(71) Name of Applicant : 1)KALPESH MANHARLAL SHAH Address of Applicant :208, SWATI APPARTMENT, BEHIND BANK OF BARODA, NEAR NEHRUNAGAR CROSS ROAD, AMBAWADI, AHMEDABAD-380 015, GUJARAT, 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)KALPESH MANHARLAL SHAH
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention characterized by preparing a bitter less herbal extraction preferably an chicory extract comprising process of, dehydrating chicory roots, extracted at solvent, concentrating the extract by filtering and evaporating , mixing of alkaline salt, adjusting of different pH levels, optionally passing through short wave lengths, lyophilizing the concentrate, this process obtain bitter less extract containing active principles of the plant chicory intybus, extract may dry to make it in powder form.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2129/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HAND-HELD COMMUNICATION DEVICE

(51) International classification	:G06F3/041; H04M1/02; H04R25/00	(71) Name of Applicant : 1)INDICUM TECHNOLOGIES PVT. LTD Address of Applicant :B-803, LAKSHCHANDI HEIGHTS, GOKULDHAM, GOREGAON EAST, MUMBAI-400063 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BHATTI, VARUN
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 described systems and methods relate to a hand-held device configured to provide an interactive learning platform to users, wherein the users can include students and professionals such as R&D Scientists, Engineers, Chartered Accountants, among others. In a preferred embodiment of the invention, the system is configured to retrieve data either from the devices memory or from memory of other connected devices, wherein the devices might be connected through well-known mechanisms such as Bluetooth and/or Wi-Fi and/or GPRS. In another embodiment, information stored in the device and/or peer devices can be retrieved and rendered on the display of the hand-held device either based on a users request or automatically based on a defined schedule or set of predefined events. In an embodiment, complete content is stored, prepared, presented, and displayed in a secured way, preventing piracy and duplication.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2130/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FOLDABLE TYPE SAFETY STAY ROD FOR 4-POINT SUSPENDED TRUCK CABIN

(51) International classification	:B62D24/00; B62D33/06	(71) Name of Applicant : 1)MAHINDRA NAVISTAR AUTOMOTIVE LIMITED Address of Applicant :MAHINDRA TOWERS, 3RD FLOOR, G.M. BHOSALE MARG, WORLI, MUMBAI-400 018, 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)NILESH SIDDESHWAR CHOUDHARI
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates a foldable type safety stay rod mechanism for trucks with four point suspended cabin tilting mechanism. The stay rod mechanism comprises a stay rod assembly mounted between the chassis and cabin at one side /both side of said cabin. The stay rod assembly consists of top link and bottom link pivotally connected to each other by pin joint. A spring loaded latch lever is mounted over the said top bracket near to the said pin joint. A pivot bracket is connected to the side cabin long member from bottom side. The said top link is connected to the said pivot bracket by shock absorbing joint. The said bottom link connected to chassis through the first chassis bracket with ball joint. The tilt cylinder for assisting tilting of cabin is connected between chassis and pivot bracket at same mounting location as that of the said stay rod top link. The said cabin is supported by a pair of front cab suspension springs and a pair of rear cab suspension springs. The arrangement of the cabin front suspension comprises a suspension bracket rear end connected underside of cabin to pivot bracket and the forward end of the suspension bracket is pivotally connected to the cabin mounting bracket which is rigidly connected to chassis through the second chassis bracket fixed to the chassis.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2142/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SUBSTITUTED 4-(4-FLUORO-3-(PIPERAZINE-1-CARBONYL)BENZYL)PHTHALAZIN-1(2H)-ONE DERIVATIVES AS POLY (ADP-RIBOSE)POLYMERASE-1 INHIBITORS

(51) International classification	:A61K; A61P; C07D	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJARAT, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SRIVASTAVA BRIJESH KUMAR
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are compounds of general formula (I), their stereoisomers, regioisomers, tautomeric forms and novel intermediates involved in their synthesis, their pharmaceutically acceptable salts. These compounds are suitable as Poly (ADP-ribose) polymerase-1 inhibitors (PARP-1 inhibitors)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.2104/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A CAM BASED CONTACT MECHANISM FOR LOW VOLTAGE MOLDED CASE CIRCUIT BREAKER

(51) International classification	:H02H3/08	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)ROUT TAPAS. R 2)PATIL RUPALI S
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a cam based contact mechanism of a low voltage molded circuit breaker to withstand/compensate the electrodynamic forces generated and thereby maintaining contact stability. The mechanism comprising a housing means (1) , an actuator means (2) located inside housing means (1) to perform ON-OFF-TRIP operations , biased cam arrangement for applying threshold value to withstand/compensate electrodynamic force generated thereby maintaining contact stability and an operating mechanism (12) to provide energy to actuator means (2) to achieve rotary motion of contact arms (3) adapted to initiate ON and OFF operation

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.2105/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K9/66
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CIPLA LIMITED

Address of Applicant :289, BELLASIS ROAD, MUMBAI
CENTRAL, MUMBAI - 400 008, Maharashtra India

(72)Name of Inventor :

1)LULLA AMAR

2)MALHOTRA GEENA

(57) Abstract :

A pharmaceutical composition comprising carmoterol in combination with a corticosteroid selected from fluticasone, ciclesonide or mometasone, and, optionally, one or more pharmaceutically acceptable excipients.

No. of Pages : 57 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : PENDULUM GENERATOR

(51) International classification	:H02K16/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PUTHIYA VEETIL SUJAY KUMAR
Address of Applicant :A-2 / 503, SWASTIK GARDEN,
POKHARAN ROAD NO.2, THANE (W), PIN-400 610.
Maharashtra India

(72)Name of Inventor :

1)PUTHILYA VEETIL SUJAY KUMAR

(57) Abstract :

In this invention of pendulum generator, a pendulum mass (14) spherical or any other shape is attached to a shaft (12) using a rigid pendulum arm (6). Pendulum is moved from its minimum height to maximum height with respect to earth at predetermined speed using DC motor coupled with spur gear(2) , coupled to internal gear (4) and is allowed to fall due to gravity. Motor will be switched ON only when the speed of rotation falls below predetermined value and the further movement is continued. This creates a rotational motion. Pulley (1) attached to shaft (12) also rotates; rotating the coupled Generator (3) using V belts (10)/chain etc. Speed sensors/tachogenerator along with digital speed controller (16) controls the speed of the motor during rotation. Supply to DC motor is given through Slip rings (8). Brakes (15) attached to shaft is used for stopping the rotation. External electric supply (17) is required for starting and intermittent running of motor.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2134/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HETEROGENEOUS ACID CATALYST FOR PRODUCING BIODIESEL FROM VEGETABLE OILS AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:B01J21/10; C01F5/02; C01F7/00	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY BOMBAY Address of Applicant :POWAI, MUMBAI 400 076, Maharashtra India 2)TATA CONSULTING ENGINEERS LIMITED
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MAHAJANI SANJAY
(33) Name of priority country	:NA	2)GANESH ANURADDA AND SINGH DHEERENDRA
(86) International Application No	:NA	KUMAR
Filing Date	:NA	3)GUPTA PURSHOTTAM DAS
(87) 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 catalyst comprises zinc oxide supported on alumino silicate zeolite in the weight ratio 1:2 to 1:5. The process for the preparation of the catalyst comprises coprecipitating zinc and alumino silicate zeolite by reacting an aqueous solution of zinc nitrate with alumino silicate zeolite in the molar ratio 1:2 to 1:5 at 70 to 90 °C with pH adjustment of the reaction at 7 to 7.5 with sodium bicarbonate to precipitate zinc on alumina hydrate, filtering out the precipitate, drying the precipitate at 120 to 130°C and calcining the precipitate at 400 to 500°C. Also a process for producing biodiesel from vegetable oils in a single step transesterification of the vegetable oils. The transesterification of the vegetable oils is carried out with an alcohol in the molar ratio 1:10 to 1:41.1 at 200 to 220°C and 35 to 42 bars pressure in the presence of the above catalyst used in 1 to 5% by weight of the vegetable oils.

No. of Pages : 24 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.2107/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : WINDOW AIR CONDITIONING SYSTEM AND A METHOD THEREOF

(51) International classification	:E06B7/10; F24F12/00; F24F13/18	(71) Name of Applicant : 1)BLUE STAR LIMITED Address of Applicant : KASTURI BUILDINGS, MAHAN T. ADVANI CHOWK, JAMSHETJI TATA ROAD, MUMBAI- 400 020 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)JITENDRA M BHAMBURE
(33) Name of priority country	:NA	2)SHEETAL M KULKARNI
(86) International Application No Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to a window air conditioning system comprising a body having a front portion and a rear portion divided with a partition along with at least one air inlet and an outlet for each portion; an evaporator with a fan for heat exchange and cooling air in an enclosed space; a condenser for condensing a refrigerant; a condenser fan to draw ambient air from the air inlet; a compressor for compressing the refrigerant; and an expansion device for controlling pressure; the evaporator, the condenser, the expansion device orderly provided in the body wherein the condenser is adapted at the air inlet to draw cold air through the condenser for complete utilization of heat transfer area of the condenser. As per one embodiment the present invention provides a method for cooling of condenser side of a window air conditioning system, the method comprising step of sucking air through the condenser in order to use total heat transfer area of the condenser of the window air conditioning system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.2108/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR EXTRACTING OIL FROM OIL PALM FRUITS AND ENZYME COMPOSITIONS THEREFOR

(51) International classification	:C12N9/96
(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	:N/A
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)ADVANCED ENZYME TECHNOLOGIES LTD.

Address of Applicant :SUN MAGNETICA, A WING, 5TH FLOOR, ACCOLADE GALAXY, L.I.C. SERVICE RD., LOUISWADI, THANE (W)-400 604, Maharashtra India

(72)**Name of Inventor :**

1)CHANDRAKANT LAXMINARAYAN RATHI

2)SAYLEE PRADHAN

3)SAMBA SIVARAO JAVVADI

4)AHILA WANI

(57) Abstract :

A pharmaceutical composition comprising carmoterol in combination with a corticosteroid selected from fluticasone, ciclesonide or mometasone, and, optionally, one or more pharmaceutically acceptable excipients.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.2109/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR PREPARING PROTEIN CONCENTRATE FROM PROTEIN CONTAINING MATERIALS

(51) International classification	:A23J1/14; A23J3/16; C07K1/14	(71) Name of Applicant : 1)ADVANCED ENZYME TECHNOLOGIES LTD. Address of Applicant :SUN MAGNETICA, A WING, 5TH FLOOR, ACCOLADE GALAXY, L.I.C. SERVICE RD., LOUISWADI, THANE (W)-400 604, 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)CHANDRAKANT LAXMINARAYAN RATHI 2)SAYLEE PRADHAN 3)AHILA WANI
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An enzyme preparation for processing a material containing at least one source of soy protein comprising at least at least 10% of at least one pectinolytic enzyme having an activity of at least 3,50,000 u/gm; at least 1% of at least one glucosidolytic enzyme having an activity of at least 200 u/gm at least; and at least 20% at least one glucanolytic enzyme having an activity of at least 1,50,000 u/gm in an inert filler.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2125/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DETERGENT COMPOSITION

(51) International classification	:C11D1/28; C11D1/722; C11D17/00	(71) Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI-400020, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)GOYAL RICHA SURESHCHAND
(33) Name of priority country	:NA	2)HIBARE SUJITKUMAR SURESH
(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 :

The present invention is in the field of detergent powders. The invention particularly relates to detergent granules exhibiting improved dissolution behaviour for faster release of active to a wash liquor. A detergent particle that provides further improved dissolution, even after storage, remains to be desired. This applies not only to detergent powder composition, but also to compositions in tablet form. It is an object of the present invention to provide a detergent composition having enhanced dissolution properties. Surprisingly it has been found that a granule comprising a mixture of a magnesium salt of linear alkylbenzene sulphonate acid (Mg(LAS)2) and a fatty acid when used in detergent powders provides improved dissolution and this better dissolution is maintained even after storage.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2010

(21) Application No.2162/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR CLASSIFICATION OF MOVING OBJECT DURING VIDEO SURVEILLANCE

(51) International classification	:G06K9/62	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI 400021, Maharashtra India
(86) International Application No	:NA	2)ANNA UNIVERSITY
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)SETHAN BEHARAM
(61) Patent of Addition to Application Number	:NA	2)JOHN MALA
Filing Date	:NA	3)PALANIAPPAN PRASATH
(62) Divisional to Application Number	:NA	4)GANAPATHI SUMITHRA
Filing Date	:NA	

(57) Abstract :

A system for classifying moving objects during video based surveillance comprising steps of: capturing silhouette image of moving object, resizing the captured image, computing average height to width ratio and center of gravity for the object in the resized image, dividing resized image, comparing the average height to average width of the object and further comparing variance of center of gravity with the predetermined threshold value to classify the object in the captured silhouette into predetermined classes.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2136/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF N-BENZYL-2-ACETAMIDOPROPIONAMIDE DERIVATIVE

(51) International classification	:A61K31/165; A61P1/04; A61P11/06 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71) Name of Applicant : 1)INDOCO REMEDIES LIMITED Address of Applicant :INDOCO HOUSE, 166 C.S.T. ROAD, SANTACRUZ (EAST), MUMBAI- 400 098, Maharashtra India (72) Name of Inventor : 1)RAJADHYAKSHA, MANGESH NARAYAN 2)NAIR RANJEET 3)SHRIGADI, NILESH BALKRISHNA 4)PANANDIKAR ADITI MILIND
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(57) Abstract :

The present invention discloses novel process for the preparation of (2R)-2-acetamido-N-benzyl-3-methoxypropanamide of Formula I involving novel intermediates of Formula -XIX and Formula-XX.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2137/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONTAINER SYSTEM FOR TRANSPORTATION OF BROMINE

(51) International classification	:C25B1/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AGROCEL INDUSTRIES LIMITED

Address of Applicant :4TH FLOOR, DOCTOR HOUSE,
OPP.G K GENERAL HOSPITAL, BHUJ, GUJARAT 370 001,
INDIA.

(72)Name of Inventor :

1)SHROFF DIPESH KANTISEN

2)GOHIL MANOJ DHANSUKHLAL

3)SACHANI BHUPENDRA KALYANBHAI

4)BHATT AMIT DEEPAKBHAI

(57) Abstract :

A container system for transportation of bromine has been disclosed, which is comprising inter-lockable multiple units, each unit comprising: (i) an outer container made up of a polymer material; (ii) an inner container made up of polyethylene treated with fluorine, said inner container placed inside said outer container; (iii) a packing material filled between the two containers; (iv) a frame/cage made up of hard material such as mild steel, into which said outer container is placed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2010

(21) Application No.2147/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CABLE LESS ELEVATOR SYSTEMS

(51) International classification	:B05B13/04; B43L13/02; B43L13/04	(71) Name of Applicant : 1)BADHE, VIJAY PADMAKAR Address of Applicant :FLAT NO. 13, ANMOL HEIGHTS, NEAR VITTHAL TEMPLE, KARVENAGAR, PUNE 411052, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BADHE, VIJAY PADMAKAR
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system and method for implementing cable less elevator system has been disclosed. The system comprises at least one set of guide rails for supporting the upward and downward movement of the elevator car balanced by a counter weight. The system includes AC powered driving motor cooperating with a master control panel and a plurality of auxiliary control panels mounted on each floor of the building and in proximity to the gateway of the said elevator car to facilitate the movement of the said elevator car and a first control panel adapted to control a plurality of amenities within said elevator car. The system further includes a first means facilitating power generation, power generation means adapted to generate electric power and storage means to store said electric power.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2010

(21) Application No.2166/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING A STRONG MULTI FACTOR PERSONALIZED SERVER KEY FROM A SIMPLE USER PASSWORD

(51) International classification	:G06F7/04	(71) Name of Applicant : 1)NIRMAL JUTHANI Address of Applicant :182/7 KRISHNALAYA, SION MAIN ROAD, SION (WEST), MUMBAI-400 022, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)NIRMAL JUTHANI
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of generating a multi-factor encryption key using a simple password in order to access control over information stored at a second entity from a first entity via at least one communication network. In one embodiment this is accomplished by, requesting to receive an application at the first entity from the second entity via the communication network, activating the first entity to generate a shared secret key, wherein the shared secret key is computed from a first entity specific ID and a random number generated at the first and second entity and allowing the user to register with the application of the second entity by the first entity, wherein the registration include entry of a personal PIN {personal identification number}, a personal message etc.

No. of Pages : 97 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2010

(21) Application No.2167/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DOUBLE ROLLER GINNING MACHINE WITH HINGED KNIFE, LEAF-SPRING PRESSURE MECHANISM AND RECIPROCATING FINGER TYPE SEED METERING DEVICE

(51) International classification	:D01B1/04	(71) Name of Applicant : 1)CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY Address of Applicant :ADENWALA ROAD MATUNGA, MUMBAI - 400 019, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	2)MILLENNIUM RUBBER TECHNOLOGIES (P) LIMITED
(87) International Publication No	:N/A	(72) Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA	1)TACHAPARAMBIL SANKARA PILLAI MANOJKUMAR
(62) Divisional to Application Number Filing Date	:NA	2)ARUDE VISHNU GOVIND 3)KRISHNA VILAS KRISHNAN ANAND 4)NOBY JOSEPH

(57) Abstract :

The present invention pertains to the development of a Double Roller Ginning Machine with Hinged Knife, Leaf-Spring Pressure Mechanism and Reciprocating Finger Type Seed Metering Device. The main components of the developed machine are two side frames with hopper and seed chute, beater assembly, hinged knife assembly, roller assembly and gear box assembly. The machine is provided with fixed rollers and hinged knife exerting uniform pressure along the length of the roller by using leaf springs pressing hinged knife at equal intervals. A mechanism consisting of a set of fixed fingers and a set of reciprocating fingers attached to a beater shaft and equally spaced was developed for metering the ginned seeds. A mechanism consisting of a crank shaft, eccentric, connecting rod, head pin, beater shaft and moving knives mounted on arms attached to the shaft provided the oscillatory motion to the beater. A gear box was developed to drive the roller and to provide the oscillatory motion to the beater. A mechanism consisting of a motor driven pulley and flywheel connected to the connecting rod provided the oscillation to the beater. A gear train for speed reduction and connected to the roller by using Oldhams coupling. A mechanism is provided to change pressure exerted on roller by the knife. It is done by increasing the leaf spring tension by adjusting screws on the arm on which the leaf-spring is connected.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.2171/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NANOPARTICLE DETECTION PROBE HAVING THERMOCHROMIC PROPERTIES

(51) International classification	:B82B3/00; C12N15/11; C12Q1/68	(71) Name of Applicant : 1)TATA CHEMICALS LTD. Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, MUMBAI-400001 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MURALI SAstry
(33) Name of priority country	:NA	2)KYATANAHALLI SRINIVASA NAGABHUSHANA
(86) International Application No Filing Date	:NA	3)SUSRUTH BHANUSHALI
(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 nanoparticle detection probe comprising a transition metal derivative of saturated anacardic acid or anacardic acid enes or both in an organic solvent, the probe having thermochromic properties over a known transition temperature range, the transition metal derivative being a 1:1 derivative having one transition metal ion bonded with one molecule of saturated anacardic acid or anacardic acid enes or a 2:1 derivative having two molecules of saturated anacardic acid or anacardic acid enes bonded with one transition metal ion, wherein detection of nanoparticles by the probe is indicated by a change in the transition temperature range of the probe.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.2172/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A REVERSIBLE THERMOCHROMIC ADDITIVE

(51) International classification	:C09D175/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA CHEMICALS LTD.
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, MUMBAI-400001 Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MURALI SAstry
Filing Date	:NA	2)KYATANAHALLI SRINIVASA NAGABHUSHANA
(87) International Publication No	:N/A	3)SUSRUTH BHANUSHALI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reversible thermochromic additive is disclosed. The reversible thermochromic additive comprises of a transition metal derivative of saturated ananardic acid or ananardic acid enes or both, the transition metal derivative being a 1:1 derivative having one transition metal ion bonded with one molecule of ananardic acid or ananardic acid enes or a 2: 1 derivative having two molecules of ananardic acid or ananardic acid enes bonded with one transition metal ion.

No. of Pages : 30 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.2173/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD OF MARKING A PETROLEUM FUEL

(51) International classification	:C10L1/16; C10L1/18; C10L1/22; G01N31/22	(71)Name of Applicant : 1)TATA CHEMICALS LTD. Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, MUMBAI-400001 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)KYATANAHLI SRINIVASA NAGABHUSHANA
(33) Name of priority country	:NA	2)RAJIV KUMAR CHATURVEDI
(86) International Application No	:NA	3)SUDHIR EKNATHRAO DAPURKAR
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure relates to a method of marking a petroleum fuel. The method includes adding a marker to the petroleum fuel, the marker comprising a substituted salicylic acid wherein the salicylic acid is substituted with a linear hydrocarbon chain.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.2176/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR IMPLEMENTING A PROGRAMMING SEQUENCE TO ENHANCE DIE INTERLEAVE

(51) International classification	:G11C11/56	(71) Name of Applicant : 1)SanDisk Corporation Address of Applicant :601 McCarthy Boulevard Milpitas CA 95035 U.S.A.
(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)Krishnamurthy Dhakshinamurthy
(87) International Publication No	:N/A	2)Damian Yurzola
(61) Patent of Addition to Application Number	:NA	3)Rajeev Nagabhirava
Filing Date	:NA	4)Oren Shtrasberg
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for sequentially writing data to a memory device such as a universal serial bus (USB) memory device are disclosed. A system controller of a memory device including a first die and a second die, each of the first die and the second die including a plurality of pages, writes a first portion of a set of data to a lower page of a second die. The system controller then writes a second portion of the set of data to an upper page of the second die after writing the first portion of the set of data to the lower page of the second die.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.2199/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HIGHLY COMPACT CONCRETE PRODUCTION & TRANSPORT EQUIPMENT WITH A NOVEL WEIGHING, CONVEYING, MIXING & DISCHARGING (W.C.M.D.)DEVICE

(51) International classification	:B01F13/00; B60P3/16	(71) Name of Applicant : 1)AMIT ARUN GOKHALE Address of Applicant :C/O MR. J. D. APTE, BUNGALOW NO.19, VAIKUNTH BUNGALOWS, SINDHI SOCIETY, NEAR VIVEKANAND POLYTECHNIC, CHEMBUR, MUMBAI- 400071. Maharashtra India 2)ANAND ARUN GOKHALE
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of 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)AMIT ARUN GOKHALE 2)ANAND ARUN GOKHALE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Highly compact concrete batching, mixing & transportation equipment with a novel W.C.M.D. device(01) Mounted on the vehicle Chassis (08) is disclosed wherein a Novel Weighing, Conveying, Mixing & Discharging Device (03) is adopted to weigh, convey, mix and discharge various Ingredients stored In a plurality of silos provided In a storage space (02). The Novel W.C.M.D. Device (03) Receives & actually weighs all the ingredients along with water on the basis of positive weight gain in its Receiving & Weighing section(20). These ingredients are then conveyed by the conveying section (19). They are thoroughly mixed in the mixing, surge & discharge section (23) and fresh homogeneous concrete is discharged through slide gate (17) and is placed by belt conveyor (04). The power required for operation is provided by an electrical alternator (09) coupled with the vehicle power take off (10). The invention produces fresh concrete on positive weight basis and reduces cost of concrete by 25 to 30 % by eliminating no. of bulky equipment conventionally required to produce concrete.

No. of Pages : 44 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2010

(21) Application No.2144/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN INDICATING MECHANISM FOR ROTATING MACHINES

(51) International classification	:D01H4/48
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SATYAJIT SURESH CHITALE

Address of Applicant :K 1, SWAPNASHILP SOCIETY,
NEAR PMC ZONAL OFFICE, KOTHRUD, PUNE-411028,
Maharashtra India

(72)Name of Inventor :

1)SATYAJIT SURESH CHITALE

(57) Abstract :

The present invention provides an indicating mechanism for centrifugal oil cleaner of an engine. The mechanism includes housing mounted on a header of the engine. The housing having an inlet for oil to be cleaned and an outlet for draining cleaned oil. Further, a cover assembly disposed on the housing. Furthermore, a rotor assembly is mounted over the housing and inside the cover assembly. The rotor assembly includes a rotor therein and nozzles thereon. The rotor assembly receives the oil to be cleaned through the inlet and the clean oil exits through the nozzles. Specifically, the cover assembly includes a washer positioned thereon, The washer resonates with operating frequency of rotor assembly, and rotates around an axis thereof due to vibration and resonance of the rotary assembly thereby indicating the rotor assembly is rotating inside the cover assembly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.2190/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR WASHING, CLEANING , DISINFECTING AND SANITIZING LAUNDRY USING ELECTROLYTIC CELL HAVING BORON-DOPED DIAMOND ELECTRODE

(51) International classification	:C02F1/461
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)XH2O SOLUTIONS PRIVATE LIMITED

Address of Applicant :PLOT NO.137, PHASE-1, VATVA
G.I.D.C., AHMEDABAD-382445, GUJARAT, INDIA

(72)**Name of Inventor :**

1)BHUTA HARESH JITENDRRAI

2)BHATT NIRJAR RAJENDRA

(57) Abstract :

The invention relates to a system and a method for washing, cleaning, disinfecting and sanitizing laundry using electrolyte solution containing mixed oxidants generated in-situ using electrochemical reaction. More particularly the present invention relates to a system and a method for washing, cleaning, disinfecting and sanitizing laundry at a pH between 6.5 to 10.5 and at a temperature below 50°C using in-situ mixed oxidants generated by passing electrolyte solution through electrolytic cell having boron-doped diamond electrode.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.2192/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : EXTENDED RELEASE FORMULATIONS OF DONEPEZIL HYDROCHLORIDE

(51) International classification :A61K47/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MACLEODS PHARMACEUTICALS LIMITED

Address of Applicant :304 - ATLANTA ARCADE, OPP.
LEELA HOTEL, MAROL CHURCH ROAD, ANDHERI
(EAST), MUMBAI-400 059 Maharashtra India

(72)Name of Inventor :

**1)AGARWAL RAJENDRA MURLIDHAR
2)MAHESHWARI HITESH KUMAR
3)NEVLE SHYAMKANT SAHDCORAO
4)ANSARI YUNUS NOORULAIN
5)MISALE BALAJI VITHALRAO**

(57) Abstract :

The invention relates to an oral extended release solid pharmaceutical composition of donepezil hydrochloride comprising at least one pH independent polymeric release retardant and one more pharmaceutically acceptable excipient. The invention also describes a process for preparation of donepezil hydrochloride extended release tablet formulation which is suitable for scale up and commercial level manufacturing. Donepezil extended release formulation of the present invention exhibits extended drug release profile over the period of 12 hours.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.2194/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF HIGHLY PURE DIALKYL PEMETREXED

(51) International classification	:C07D487/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NEON LABORATORIES LTD.

Address of Applicant :DAMJI SHAMJI INDUSTRIAL
COMPLEX, MAHAKALI CAVES ROAD, ANDHERI (EAST),
MUMBAI-400093, Maharashtra India

(72)Name of Inventor :

**1)DALVI, MAHESH BHAGOJI
2)KENNY RAJESH SHASHIKANT
3)TARADE PRADEEP KISAN**

(57) Abstract :

The invention discloses a process for preparation of highly pure dialkyl pemetrexed by reacting a 2-(4-hydroxy-6-aminopyrrolo(2,3-d)pyrimidin-3-y])ethylbenzoic acid with a glutamatic acid diester or its salt in presence of a safe, mild, inexpensive, non-oxidative and easy to handle reagent such as substituted triphenyl phosphate. The invention further discloses purification of dialkyl pemetrexed by crystallization or trituration and conversion of purified dialkyl pemetrexed to pemetrexed or its disodium salt.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.2201/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A BIO-STABILIZED RESVERATROL FORMULATION

(51) International classification	:A61K36/02, A61P25/28	(71) Name of Applicant : 1)KHANDELWAL SANJEEV Address of Applicant :PREM NIVAS,13, ALTAMOUNT ROAD, MUMBAI 400026, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KHANDELWAL SANJEEV
(87) International Publication No	: NA	2)OMRAY PRATIBHA
(61) Patent of Addition to Application Number	:	3)DR. TRIPATHI VINAY KUMAR
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a bio-stabilized resveratrol formulation for the treatment of diseases and conditions selected from the group consisting of cancer, Alzheimers disease, obesity, metabolic diseases, cardiac diseases, viral diseases, inflammation, impaired mitochondrial function, ageing, diabetes and insulin related disorders.

No. of Pages : 38 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.2184/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A SYSTEM FOR DETECTION AND CONTROL OF FAILURE OF TORQUE TRANSMISSION AND SKIDDING AND A METHOD THEREOF

(51) International classification	:F16H59/04; F16H59/68; F16H61/12	(71) Name of Applicant : 1)STEEL AUTHORITY OF INDIA LIMITED Address of Applicant :BHILAI STEEL PLANT, BHILAI, STATE OF CHATTISGARH, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)GHOSH INDRAJIT
(33) Name of priority country	:NA	2)SINGH HARDIAL
(86) International Application No	:NA	3)PANDEY ANANG PAL
Filing Date	:NA	4)JAIN DEEPAK
(87) International Publication No	:N/A	5)JAIN MANISH KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for detection and control of failure of torque transmission and skidding in Twin-motor Two-high Rolling/blooming mill stand and a method of its implementation. The system of the invention involves an electronic circuit adapted to continuously monitor the difference in the currents drawn by the Top and Bottom motors of Main Drives. In case the difference is more than a predetermined setting for a pre-settable time which is indicative of skidding/spindle failure, the circuit operates a relay, which can be wired for tripping/stoppage of drive. The electronic circuit favours detecting the skids at very early stage and withdraws the speed reference from the main drives. Whenever the metal skids, the operator releases the foot pedal to attempt another bite without knowing that the skid circuit has operated meanwhile and reference has been withdrawn and thus his rhythm of operation remains intact. Thus the innovative circuit detects skidding reliably without affecting the rolling rate and production.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.2186/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF R-(+)-N-PROPARGYL-1-AMINOINDANE AND ITS PHARMACEUTICALLY ACCEPTABLE SALT

(51) International classification	:A61K31/135; A61K31/137; A61K31/165	(71) Name of Applicant : 1)INTAS PHARMACEUTICALS LIMITED Address of Applicant :INTAS PHARMACEUTICALS LIMITED, 2ND FLOOR, CHINUBHAI CENTRE, ASHRAM ROAD, AHMEDABAD 380009. GUJARAT, INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DESAI SANJAY JAGDISH
(33) Name of priority country	:NA	2)PANDYA ASHESH KAMALNAYAN
(86) International Application No	:NA	3)NAIK CHIRAG GIRISHKUMAR
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application relates to process for preparation R-(+)-N-propargyl-l-aminoindane also known as rasagiline and its pharmaceutically acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.2187/MUM/2010 A

(43) Publication Date : 11/01/2013

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

(51) International classification	:C07C213/08; C07C217/48	(71) Name of Applicant : 1)ENALTEC LABS PRIVATE LIMITED Address of Applicant :17TH FLOOR, KESAR SOLITAIRE,PLOT NO.5 SRCTOR-19, SANPADA, NAVI MUMBAI, MAHARASHTRA, PIN CODE: 400705, 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	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SIVA KUMAR VENKATA BOBBA
Filing Date	:NA	2)GIRISH BANSILAL PATEL
(62) Divisional to Application Number	:NA	3)ALOK PRAMOD TRIPATHI
Filing Date	:NA	4)SANJAY DASHRATH VAIDYA
		5)ESWARA RAO KODALI

(57) Abstract :

The present invention provides a process for preparing Dapoxetine hydrochloride compound of formula I comprises alkylating compound of formula II with an alkylating agent to get a Dapoxetine compound of formula III and then converting Dapoxetine compound of formula III into Dapoxetine hydrochloride compound of formula I.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.2211/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR SELECTIVE HYDRATION OF AROMA OLEFINES TO ALCOHOLS IN
CONTINUOUS SOLID CATALYST COLUMN REACTOR

(51) International classification	:B01J27/053; B01J29/06; C07C29/04	(71) Name of Applicant : 1)PRIVI ORGANICS LIMITED Address of Applicant :PRIVI HOUSE, A-71, TTC, THANE BELAPUR ROAD, NEAR KOPAR KHAIRANE RAILWAY STATION, NAVI MUMBAI-400709 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAO; VIJAY KUMAR DOPPALAPUDI
(33) Name of priority country	:NA	2)PETKAR; MANISH VARDHARAJ
(86) International Application No	:NA	3)LALI; ARVIND MALLINATH
Filing Date	:NA	
(87) 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 :

Present invention is related to method for selective hydration of aroma Olefins to alcohols in continuous solid catalyst column reactor. The invention discloses the continuous production of unsaturated aroma alcohol and/or ester comprising of C10-12 carbon chain by selective solid acid catalyzed hydration reaction. According to the process of the invention production of Octa-1-ene-7-ol, 3,7-dimethyl- (Dihydromyrcenol) and/or dihydromyrcenyl acetate can be carried out by passing 1,6-Octadiene, 3,7-dimethyl- (dihydromyrcene) and water continuously through a packed bed column reactor wherein the residence time of column is not more than 90 minutes and reaction temperature not substantially above 100 degree C. The present disclosure solves the problem of effluent treatment and increases the yield of the process due to selectivity in reaction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.2212/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL PROCESS FOR PREPARING 1,5-CYCLOOCTADIENE DERIVATIVES

(51) International classification	:C07C2/72; C07C45/68; C07C45/69	(71) Name of Applicant : 1)DR.M.M. VRAMANA & DR. SHRIMANT V. RATHOD Address of Applicant :DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI, SANTACRUZ EAST, MUMBAI- 400098 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DR.M.M. VRAMANA & DR. SHRIMANT V. RATHOD
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 process for preparing 1,2,3,4,5,6,7,8,9,10-decahydrocycloocta [1,2- a:5,6-a]dipentene(I), 1,2,3,4,5,6,7,8,9,10,11,12- dodecahy drocy dcl[J,2-a:5,6-a] di benzene(JI), 5,6,7,8,13,14,15,16-octahydrocycloocta[1,2-a:5,6- a]dinaphthalenes(III), 2,10-dimethyl- 5,6,8,9,15,16,18,19-octahydrocycloocta[1,2-a: 5,6- a]dinaphthalene(IV), 5,6,7,8,13,14,15,16-octahydro- 2,3,10,11-tetramethylcycloocta [1,2-a:5,6-a] dinaphthalene (V), 4, 12-dichlor0-5, 6, 7, 8, 13, 14, 15, 16-octahydrocycloocta [1, 2-a: 5, 6-a]dinaphthalenes(VI), 5,6,7,8,13,14,15,16-octahydro-2,10-dipropylcycloocta[1,2-a:5,6- a]dinaphthalene(VII), 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16-hexadecahydrcycloocta[1,2-a:5,6-a] dioctene (VIII).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.2202/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR REGENERATION OF OLEFIN EPOXIDATION CATALYSTS

(51) International classification	:C07B41/00; C07C29/10; C07C45/28	(71) Name of Applicant : 1)ADITYA BIRLA SCIENCE & TECHNOLOGY CO. LTD. Address of Applicant :ADITYA BIRLA CENTER, S.K.AHIRE MARG, WORLI, MUMBAI-400025, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KANAGASABAPATHY SUBBAREDDY
(33) Name of priority country	:NA	2)BOROLE YOGESH LAXMAN
(86) International Application No Filing Date	:NA	3)KAPOOR BIR
(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 :

Titanosilicate catalyst is used in the oxidation reactions such as allylchloride epoxidation, phenol hydroxylation, Cyclohexanone ammoximation. During the reaction the catalyst is deactivated which further decrease in the efficiency of the oxidation reactions. The present invention provides a method for an efficient regeneration of catalyst titanosilicate catalyst at low temperature below 100°C using a gaseous mixture containing ozone , without isolating the catalyst from the reactor system.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.2217/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : WATER PURIFICATION SYSTEM USING GRAVITY FEED AND BROMINATED RESIN

(51) International classification	:B01D35/157; C02F1/32; H01M10/46	(71) Name of Applicant : 1)BAJAJ ELECTRICALS LIMITED Address of Applicant :45/47, VEER NARIMAN ROAD, MUMBAI-400 001, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MANI NATH KALPATHY
(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 :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An invention relating to a non powered, storage type water purifier and in particular gravity feed water purification system which uses brominated resin to purify drinking water by removing there from physical, organic chemical and microbiological contaminates and the system consisting of a top filtration unit having (i) a sediment filter at its top, (ii) inner cage sediment filter and (iii) dome-shaped carbon filter and a bottom purification unit having (i) a resin chamber housed in a chamber defined by a porous barrier mesh at its top and bottom; with the carbon filter in direct fluid contact with the resin chamber which enables a controlled flow rate of water for purification into the resin chamber and the filtered water which leaves the resin chamber, housed within the bottom purification unit, has no chemical concentration and is purified water of a superior quality free from harmful pathogenic water borne bacteria and virus.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

(21) Application No.2229/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FOLDING DEVICE FOR WHEELCHAIR

(51) International classification	:A61G5/08	(71) Name of Applicant : 1)KARMA MEDICAL PRODUCTS CO.LTD. Address of Applicant :NO.2363, SEC.2, DA XUE ROAD, MIN XIONG SHIANG, CHIAYI HSIEN, TAIWAN, REPUBLIC OF CHIAN China
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 folding device of a wheelchair includes a first folding unit and a second folding unit, wherein the first folding unit includes a first part, a second part and a connection rod connected between the first part and the second part. 5 The first part has a first link and a second link respectively and pivotably connected thereto, and the second part has a third link and a fourth link respectively and pivotably connected thereto. The second folding unit has two boards and the two boards have two connection units. Each board has a recess and two lugs. Each recess has a first plate and a second plate connected thereto. 10 A handle has two ends which are respectively and pivotably connected to the first and second plates.

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

(21) Application No.2231/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : OPPORTUNISTIC CHANNEL ACCESS SCHEME FOR COGNITIVE RADIO SYSTEM BASED ON RESIDUAL WHITE SPACE DISTRIBUTION

(51) International classification	:H04J11/00; H04W56/00; H04W72/04	(71) Name of Applicant : 1)Indian Institute of Technology Bombay Address of Applicant :Powai Mumbai 400076 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Manuj Sharma
(33) Name of priority country	:NA	2)Anirudha Sahoo
(86) International Application No Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

This invention relates to wireless communication, and more particularly to channel access schemes. A node (called secondary node) and method for accessing a channel by the node in wireless communication networks is presented. The node is a lower priority node and senses the channel when the node has data to transmit, determines a maximum transmission duration on sensing the channel to be in an idle state so that the extent of interference with higher priority nodes (called primary nodes) is below a given threshold. The node then transmits the data within the maximum transmission duration. The occupancy of the channel due to the primary nodes is modeled as an Alternating Renewal Process (ARP) and the node uses a residual idle time distribution to determine the maximum transmission duration.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.2203/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR MANUFACTURING HIGH LUSTER ACRYLIC FIBER

(51) International classification	:D01D5/06; D01F6/18	(71) Name of Applicant : 1)ADITYA BIRLA SCIENCE & TECHNOLOGY COMPANY LTD. Address of Applicant :ADITYA BIRLA CENTER, 2ND FLOOR,C WING, S.K.AHIRE MARG, WORLI, MUMBAI-400 025, 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)SAHOO ANASUYA 2)LODHA PREETI
(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 provides a modified polymer dope composition. The present invention also provides high luster acrylic fibers and a process for manufacturing the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.2205/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A SYSTEM FOR CUSTOMISED SELECTION OF PRODUCT

(51) International classification	:G06F17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GANGAR RAJESH

Address of Applicant :B 126,UDYOG BHAWAN,
GOREGAON (E). MUMBAI-400 059 Maharashtra India

(72)Name of Inventor :

1)GANGAR RAJESH

(57) Abstract :

This system is for system for organising or selecting or customising a product or an article which provides the facilities of searching, selecting, customizing, packaging, and delivering product to any destination. System contains a list of products along with their price, features / specifications, their pictures including their multi-angular view, various modifications available, and various kinds of packaging available, customization information and various delivery options available along with their make, manufacture, and stock of each product. The user can input a picture of a product to be selected / customised which is processed and the product resembling the image is chosen. System also has questionnaire templates in relation to every product, said questionnaire templates being in line with defining the constructs of said product. An Artificial Neural Network for learning user choices and patterns in order to retrieve user-choice based or user-pattern based questionnaire templates and the servers associated with it.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

(21) Application No.2233/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : DIURETIC AND ANTIUROLITHIATIC HERBAL COMPOSITION AND USES THEREOF

(51) International classification	:A61K36/605; A61P7/10	(71) Name of Applicant : 1)GADGE NAVNEET BHAGAJI Address of Applicant :B-9/101 Safal Complex Sector-19A Nerul Navi Mumbai-400706 Maharashtra INDIA Mobile: +91- 9920040224 +91-9731614762 E-mail: navneetgadge@indiatimes.com
(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)GADGE NAVNEET BHAGAJI
(87) International Publication No	: NA	2)JALALPURE SUNIL SATYAPPA
(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 novel herbal composition, in the form such as drugs, food products, food additives, nutraceuticals and/or the like, comprising therapeutically effective amounts of crude extracts of fruits of the plant Vitis vinifera as an active ingredient, optionally along with pharmaceutically acceptable excipients or additives, useful for the treatment of urolithiasis and other disorders related to kidney.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

(21) Application No.2234/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TRACKING MECHANISM FOR SOLAR SYSTEMS WITH POLAR AXIS MOUNTING

(51) International classification	:G05D3/00	(71) Name of Applicant : 1)CHANDAK ANURAG AJAY. Address of Applicant :SHAMGIRI, AGRA ROAD, DEOPUR, DHULE:424 005, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)CHANDAK ANURAG AJAY.
Filing Date	:NA	
(87) 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 Tracking mechanism for solar systems with polar axis mounting is provided comprises of a timer, a D.C. motor, a wiper motor control mechanism, a mechar reduction mechanism and polar axis mounted solar system assembly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : ENERGY EFFICIENT WATER COOLER

(51) International classification	:F28F 25/00	(71) Name of Applicant : 1)CHANDAK ANURAG AJAY. Address of Applicant :SHAMGIRI, AGRA ROAD, OPP. SWAGAT LODGE, DEOPUR, DHULE:424 005, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CHANDAK ANURAG AJAY.
(87) International Publication No	: NA	2)DUBEY DEEPAK
(61) Patent of Addition to Application Number	:NA	3)CHANDAK AJAY GIRDHARILAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An Energy Efficient Water Cooler is provided. The Energy Efficient Water Cooler includes a two innovations for recovery of energy lost in cooling the waste being wasted. These two cooling effect recovery units, sensible cooler and evaporative cooler reduce cooling load on the compressor and higher energy efficiency is achieved by precooling of water and subcooling of refrigerant.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2244/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN IMPROVED DEVICE FOR PLACEMENT OF CRYSTAL FOR CHARGING ON A DOME WHICH IS AT ONE THIRD HEIGHT FROM THE BASE OF A PYRAMID

(51) International classification	:C30B 13/22	(71) Name of Applicant : 1)JAIN DEVENDRA Address of Applicant :T-5, DYNASTY APPARTMENTS, E-2/14,ARERA COLONY, BHOPAL(M.P.), 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)JAIN DEVENDRA
(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 providing of a device for placement of crystal for charging on a dome which is at one third height from the base of a pyramid by making necessary moulding. So that dimensionally the crystal when placed for charging on the top of the dome (middle layer of the device) comes at one third the height from the base of the pyramid (outer layer of the device) so that maximum benefit of pyramid may be utilized.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.2181/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A DIFFERENTIAL LOCK MECHANISM

(51) International classification	:F16H48/30	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LTD. Address of Applicant :GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400001. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)VASAN VIJAY 2)SARGAR BHUPESH DASHRATH 3)GUPTA GIRISH BHAGWANDAS
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 differential lock mechanism 100 for an off-road vehicle comprises a first and a second bull pinion shafts 180 & 182 arranged end to end along a common axis in spaced apart relationship with each other and rotatably disposed in a transmission case 100 of the off-road vehicle. Each of the first and the second bull pinion shafts 180 & 182 axially extends into a brake housing 120 disposed adjacent to the transmission case 100. A plunger 188 is disposed within the first bull pinion shaft 180 and protrudes outwardly therefrom into the brake housing 120. A rod 150 is vertically disposed within the first brake housing 120 for angular displacement about a vertical axis and having a cam 152 mounted thereon. The cam 152 being adapted to linearly displace the plunger 188 against the first bull pinion shaft 180 and a displacement means for connecting the rod 150 with an operating lever 193 and for angularly displacing the rod 150.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.2182/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CO-AXIAL EXTENSION SPRINGS ARRANGEMENT FOR CIRCUIT BREAKER MECHANISM

(51) International classification	:H01H39/00	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)PATWARDHAN SUJIT
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to co-axial extension spring arrangement for circuit breaker mechanism. The co-axial extension spring arrangement comprises at least one co-axial spring means comprising an outer spring means (2b) and an inner spring means (2a), upper pin means (2c), and lower pin means (2d). The outer spring means (2b) have predetermined number of turns which is less than the number of turns of the inner spring means (2a). The outer spring means (2b) covers a predetermined length of the inner spring means (2a). The outer spring means (2b) having unique integrated hook profiles (H2b) at its both ends adapted to engage the spring means to the pin means (2c,2d) provided in the circuit breaker mechanism. The inner spring means (2a) also comprises unique integrated hook profiles (H2a) at its both ends adapted to engage the spring means to the pin means (2c,2d). The unique hook profiles (H2b, H2a) of the outer spring means (2b) and inner spring means (2a) are placed substantially equidistant on the pin means (2c,2d) at both ends which enables both outer spring means (2b) and inner spring means (2a) to work substantially parallel to each other. Such arrangement provides high spring force for same deflection resulting in high circuit breaker constant velocity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF CRYSTALLINE FORMS OF LORNOXICAM

(51) International classification	:A61K31/54; A61K9/14; A61K9/16	(71) Name of Applicant : 1)UNICHEM LABORATORIES LIMITED, Address of Applicant :UNICHEM BHAVAN, PRABHAT ESTATE,OFF. S. V. ROAD, JOGESHWARI (WEST), MUMBAI-400 102, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DR. AJIT MADHUKAR BHOBE
(33) Name of priority country	:NA	2)DR. JAGANNATH BHAGAWANRAO LAMTURE
(86) International Application No Filing Date	:NA	3)DR. YASHBIR SINGH
(87) International Publication No	: NA	4)DR. MAHESH DHAKOO MHASKAR
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides process for the preparation of crystalline forms of Lornoxicam, herein designated as Form I and Form II.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2249/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A WHEAT FLOUR COMPOSITION

(51) International classification	:A23L 1/00	(71) Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI-400020, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MOHANAN CHANDRIKA
(87) International Publication No	:N/A	2)NEDIYEDATH SURESH KUMAR
(61) Patent of Addition to Application Number	:NA	3)SHANMUGAM AKALYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a wheat flour composition, a dough composition comprising the flour composition and food products comprising the wheat flour composition. It particularly relates to wheat flour composition suitable to prepare flat breads {including Indian style bread known as chapatti}, noodles and pasta. The problem of the addition of gum at higher levels, although helpful in improving colour and rheological properties of dough, suffer from a beany odour experienced during preparation of the dough and during consumption of the flat bread. The same problems have been found in noodles where gum has been added to improve rheology, such as fried noodles and pasta. Surprisingly it has been found that a wheat flour composition comprising chick pea flour and guar gum, is easily processed into a dough that is soft and can easily be processed into flat breads, noodles or pasta, and the baked product (flat bread, chapatti, noodle or pasta) that is also soft and yet has acceptable sensory properties.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.2213/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : GLOBAL SPEED

(51) International classification	:H01L27/146; H01L31/0224	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT, MUMBAI 400 021, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ANAND RITU
(87) International Publication No	: NA	2)KAPADIA NIKHIL
(61) Patent of Addition to Application Number	:NA	3)JOHN SINDHU S
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for managing and evaluating the performance of an employee in an organization are described herein. In one implementation, the method includes receiving a query to initiate a performance management process and providing at least one performance measures based on the query received. Further, a rating is received for at least one performance measures. The performance measures are analyzed based on a rating received for the at least one performance measures to generate an assessment score. The assessment score indicates the performance of the employee in an organization.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : SUSPENSION LOCKING MECHANISM

(51) International classification	:B60G17/005	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)ASHISH PUROHIT
Filing Date	:NA	
(87) 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 suspension system includes a locking mechanism having toothed links which provides positive locking and stop function of the suspension system in the vehicle. Locking mechanism provide rigid connection between axle and the body or frame of the vehicle. One end of the each link is connected to the axle and frame of the vehicle and other end engage through the teeth, when teeth are engaged axle rigidly linked with the body both entity act as a single entity and force transfer from body to ground or visa versa, bypassed suspension system. When links are disengaged suspension comes in the force transfer path and offer flexibility in the system. The vehicle with locked suspension system behave as a rigid mass, offer resistance against fluctuating force and provide good stability to the vehicle. Actuation of the locking mechanism is controlled from the cabin by using ON and OFF switch.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2261/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MULTI-FEATURED VEHICLE THEFT & FAULT INDICATING DEVICE

(51) International classification	:B60R16/04; B60R25/10	(71) Name of Applicant : 1)SAKET SURI Address of Applicant :F33, 43 SAI REGENCY BUILDING, RAVI NAGAR SQUARE, NAGPUR-440010, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SAKET SURI
(33) Name of priority country	:NA	2)BAWA JAGIEET KUMAR
(86) International Application No Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Multi-featured theft & fault indicating device is useful for vehicles. It comprises a micro controller unit (MCU) that is connected to existing sensors and circuits of the vehicle like temperature sensor, fuel sensor, alternator charging lamp and door switches. When the engine and ignition key is OFF, the MCU senses fuel level and stores its instantaneous data. It sets off an alarm on detecting any change in the stored value. Such an alarm is also raised when engine temperature rises above a preset critical limit or alternator charging lamps voltages drops more than preset/required limit & engine oil pressure falls below required value. In case the vehicle battery is disconnected then the MCU gets supply from inbuilt secondary battery. The device has an ON/OFF key lock switch so that only the person authorized can use the vehicle. It also has an inbuilt siren in addition to external alarm provision. It indicates on: Diesel theft, High engine temperature, Unauthorized cabin entry, Unauthorized ignition, Battery theft. Parked vehicle accident, Fan belt break, Self theft, self/ Battery lead theft, Alternator failure, Low engine oil pressure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2266/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF BOSENTAN

(51) International classification	:A61K31/506; A61P9/12	(71) Name of Applicant : 1)MEGAFINE PHARMA (P) LTD. Address of Applicant :4TH FLOOR, SETHNA, 55, MAHARSHI KARVE ROAD, MARINE LINES, MUMBAI-400 002. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MATHAD VIJAYAVITTHAL THIPPANNACHAR
(87) International Publication No	:N/A	2)NIPHADE NAVNATH CHINTAMAN
(61) Patent of Addition to Application Number	:NA	3)JAGTAP KUNAL MADHAV
Filing Date	:NA	4)GAIKWAD CHANDRASHEKAR TRIMBAK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel ammonium salt of Bosentan of formula (VIII); Formula (VIII) has been disclosed. The salt may be either crystalline or amorphous or mixture of Crystalline and amorphous form. A novel single pot process for the preparations of ammonium salt of Bosentan has been disclosed. The process comprises reacting the 4,6-dichloro-5-(2-methoxyphenoxy)-2,2-bipyrimidine with 4-tert-butylbenzenesulfonamide in the presence of solvent and a base; adding ethylene glycol to the reaction mass and isolating the ammonium salt of Bosentan. The ammonium salt of Bosentan is converted into Bosentan and further into Bosentan Monohydrate which are substantially free from dimer impurity and 6-hydroxy impurity.

No. of Pages : 39 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2246/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM FOR OPTIMIZING AND CONTROLLING PARTICLE SIZE DISTRIBUTION AND PRODUCTION OF NANOPARTICLES IN FURNACE REACTOR

(51) International classification	:C01G1/00; C01G23/047; G05B17/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT, MUMBAI-400 021, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)VENKATARAMANA RUNKANA
(33) Name of priority country	:NA	2)VENKATA SUDHEENDRA BUDDHIRAJU
(86) International Application No Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to a system for optimizing and controlling the particle size distribution and production of nanoparticles in a furnace reactor. The method provides nanoparticles with desired, optimized and controlled particle size distribution and specific surface area in furnace reactors using a simulation tool with programmed instructions. The said simulation tool couples flame dynamics module and particle population balance module and precursor reaction kinetics module.

No. of Pages : 30 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2247/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OLMESARTAN MEDOXOMIL AND INTERMEDIATES THEREOF

(51) International classification	:C07D405/14	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TORRENT PHARMACEUTICALS LTD.
(32) Priority Date	:NA	Address of Applicant :TORRENT HOUSE, OFF ASHRAM
(33) Name of priority country	:NA	ROAD, NEAR DINESH HALL, AHMEDABAD-380 009,
(86) International Application No	:NA	GUJARAT, INDIA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SUNIL SADANAND NADKARNI
(61) Patent of Addition to Application Number	:NA	2)DR. ARUNKUMAR GUPTA
Filing Date	:NA	3)DR. MANOJ DEVILALJI PRABHAVAT
(62) Divisional to Application Number	:NA	4)DILIP CHANDUBHAI RAMOLIYA
Filing Date	:NA	5)HITESH NATWARLAL SUTHAR

(57) Abstract :

The present invention relates to an improved process for the preparation of olmesartan medoxomil and 4-(1-hydroxy-1 -methylethyl)-2-propyl-1 H-imidazole-5-carboxylic acid ethyl ester, the key intermediate for the preparation of olmesartan medoxomil.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2270/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A SHORT PROCESS FOR THE PREPARATION OF ZIPRASIDONE AND INTERMEDIATES THEREOF.

(51) International classification

:C07D417/12

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ARCH PHARMLABS LIMITED

Address of Applicant :H WING,4TH FLOOR, TEX CENTRE,
OFF SAKI VIHAR ROAD, CHANDIVALI, ANDHERI (EAST),
MUMBAI-400 072, Maharashtra India

(72)Name of Inventor :

1)GHOGARE BHAUSAHEB NANA

2)DESHPANDE UDAY K

3)PAI GANESH GURPUR

4)MANDAL ARUN KANTI

5)CHARANJIT SEHGAL KUMAR

6)NEHA, DIXIT AKSHAYA

(57) Abstract :

A process for the preparation of oxindole derivative (Ziprasidone hydrochloride) of formula (I) comprising reacting compound of formula (II) with Sn and HC1 to give compound of formula (III) in a single step which is converted into compound of formula IV which is a key intermediate for the preparation of compound of formula

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : EXTENDED RELEASE FORMULATION OF VENLAFAXINE HYDROCHLORIDE

(51) International classification	:A61K31/137; A61K9/20; A61K9/22	(71) Name of Applicant : 1)MACLEODS PHARMACEUTICALS LIMITED Address of Applicant :304 - ATLANTA ARCADE, OPP. LEELA HOTEL, MAROL CHURCH ROAD, ANDHERI (EAST), MUMBAI-400 059 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)AGARWAL RAJENDRA MURLIDHAR
(33) Name of priority country	:NA	2)MAHESHWARI HITESH KUMAR
(86) International Application No Filing Date	:NA	3)NEVLE SHYAMKANT SAHDEORAO
(87) International Publication No	: NA	4)ANSARI YUNUS NOORULAIN
(61) Patent of Addition to Application Number Filing Date	:NA	5)MISALE BALAJI VITHALRAO
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to an oral extended release solid pharmaceutical composition in the form of spheroids comprised of a therapeutically effective amount of venlafaxine hydrochloride, about 10 to 70% of low-substituted hydroxypropyl cellulose, microcrystalline cellulose or a mixture thereof and at least one more pharmaceutically acceptable excipient. These spheroids are coated with a mixture of pH independent hydrophobic and hydrophilic polymeric release retardant. The invention further relates to process for preparation of venlafaxine hydrochloride extended release formulation which is suitable for scale up and commercial level manufacturing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2278/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MULTILAYERED & FORMED, BAMBOO MAT OVERLAID FURNITURE COMPONENTS & PANELS USING HIGH FREQUENCY HEATING.

(51) International classification	:A47C1/12	(71) Name of Applicant :
(31) Priority Document No	:NA	1)PILLAI PRADEEP BALAKRISHNA
(32) Priority Date	:NA	Address of Applicant :16, AMBAJHARI HILL TOP,
(33) Name of priority country	:NA	NAGPUR- 440033. Maharashtra India
(86) International Application No	:NA	2)THACKER PRADIP VISHANJI
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)PILLAI PRADEEP BALAKRISHNA
(61) Patent of Addition to Application Number	:NA	2)THACKER PRADIP VISHANJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method to produce multilayered mat of Bamboo & wood veneer formed furniture components & panel components using High frequency heating. The molded composites include a plurality of layers consisting essentially of woven bamboo mats on the top & bottom surfaces, and the core layers consist of either bamboo mats or wood veneers depending on the strength desired & the product economics. These mats and wood veneer/ bamboo mat layers are glued and are laid in axes to each other that are determined by the parameters designed for. The total assembly of these glued layers is compressed in a press at pre-determined pressure in a mould, & the glue cured/polymerized by high frequency power fed into the assembly pack through suitable conductors to attain the desired temperature,thus engineered and formed and into a rigid mass of designed strength in the shape of the mould.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2241/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR EFFICIENTLY HANDLING COMPRESSED AIR WHILE OPERATING PNEUMATIC ACTUATOR

(51) International classification	:F15B 21/00	(71) Name of Applicant : 1)KNORR-BREMSC SYSTEMS FOR COMMERCIALS VEHICLES INDIA PVT LTD Address of Applicant :SURVEY NOS.280 & 281, VILLAGE MANN, HINJAWADI,PHASE 11, TALUKA MULSHI, PUNE-411057.Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)MAHESH SHAHAPURE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides a system for effectively utilizing compressed air while operating pneumatic actuating means. The system additionally includes an inlet valve, an exhaust valve and a control valve. The inlet valve is provided to a air reservoir and connected to a first valve and a second valve, wherein the inlet valve provides pressurized air therethrough. The exhaust valve is connected to the first valve and the second valve to exhaust the air therefrom. The control system is capable of controlling opening and closing of the inlet valve, the first valve, the second valve and the exhaust valve to reuse the pressurized air released from a portion of the pneumatic actuating means to activate other portion of the pneumatic actuating means and vice-versa and release the remaining air through the exhaust valve thereby reducing fresh air consumption and saving power thereof.

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2242/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LOW COST WATER PURIFICATION DEVICE

(51) International classification	:C02F 1/00	(71) Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI - 400020, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DAVID CHANDRA FRANKLIN
(87) International Publication No	: NA	2)JONKHEER THEODOOR HENDRIK VAN DE POLL
(61) Patent of Addition to Application Number	:NA	3)RAJANARAYANA VENKATARAGHAVAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to low cost water purification device. In particular the invention relates to point of use water purification devices that do not require running water or electricity. It is an object of the present invention to provide a low cost water purification device that provides for clean potable water, especially to provide a low cost water purification device that can be easily folded and transported and that can be operated when hung up. It has been found that sealing a foldable, flexible, plastic sheet material into housing comprising chambers formed by heat-sealing the plastic housing material together and one or more filters and a disinfection cartridge, provides a light weight, low cost, foldable water purification device that can provide water free from suspended particles, colored bodies, certain pesticides and also 6-log reduction of bacteria, 4-log reduction of viruses and 3-log reduction of cysts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2289/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PORTABLE TOILET

(51) International classification	:A47K11/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:1700/MUM/2010
Filed on	:03/06/2010
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MR. HARESH MEHTA

Address of Applicant :JAYANT HOUSE BAIL BAZAR
ANDHERI-KURLA ROAD KURLA, MUMBAI 400 070
Maharashtra India

(72)Name of Inventor :

1)MR. HARESH MEHTA

(57) Abstract :

A portable toilet configured from a foldable, creasable, continuous blank with thickness, with inner and outer surfaces, die cut and die creased in to panels and flaps, and folded along common fold lines. The toilet has a pair of oppositely placed face panels, separated on its upwardly side by a biased seat surface. The face panels have a pair of inwardly folded lateral panels on each of their lateral sides to support the seat surface on its underside. The assembly is characterised by an aperture in the seat surface, with abutments on each side of the seat surface to detachably secure disposable hygienic disposal bags.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : GENERATING ASSESSMENT DATA

(51) International classification	:G06F21/00; H04L29/06; H04W12/08	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BANAHATTI VIJAYANAND MAHADEO
(33) Name of priority country	:NA	2)IYENGAR SRINIVASAN VENKATACHARY
(86) International Application No Filing Date	:NA :NA	3)LODHA SACHIN PREMSUKH
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods and systems described herein implement data generation for purposes such as data-driven assessment of an application, a process, or a system. In one implementation, seed data (116) having one or more characteristics is received. Once received, the seed data (116) is repeatedly transformed to generate a desired volume of an assessment data (118) having the one or more characteristics associated with the seed data (116).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2281/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 2-ARYL THIAZOLE DERIVATIVE

(51) International classification	:A61K31/427; A61K31/428; A61P35/00	(71) Name of Applicant : 1)INDOCO REMEDIES LIMITED Address of Applicant :INDOCO HOUSE, 166 C.S.T. ROAD, SANTACRUZ (EAST), MUMBAI - 400 098, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAJADHYAKSHA MANGESH NARAYAN
(33) Name of priority country	:NA	2)JADHAV VIDYADHAR KASHINATH
(86) International Application No Filing Date	:NA	3)SHRIGADI NILESH BALKRISHNA
(87) International Publication No	:N/A	4)PANANDIKAR ADITI MILIND
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Disclosed herein is a process for preparation of 2-(3-cyano-4-isobutoxyphenyl)-4-methyl-5-thiazolecarboxylic acid of Formula-I comprising Oalkylating the compound ethyl 2-(3-cyano-4-hydroxyphenyl)-4-methyl-thiazole-5-carboxylate of Formula-IX with 2-methyl halo propane of Formula-X followed by hydrolyzing the intermediate compound ethyl 2-(3-cyano-4-isobutoxyphenyl)-4-methylthiazole-5-carboxylate of Formula-VIII to isolate the compound 2-(3-cyano-4-isobutoxyphenyl)-4-methyl]-5-thiazolecarboxylic acid of Formula-I.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2282/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : IMPROVED REGENERATIVE RANKINE CYCLE

(51) International classification	:F02C6/00; F03G6/00	(71) Name of Applicant : 1)INSTITUTE OF CHEMICAL TECHNOLOGY Address of Applicant :N M PAREKH RD. MATUNGA, MUMBAI-400 019, 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)BHAGWAT SUNIL SUBHASH 2)MALI NILESH ATMARAM 3)MUDADI ROHIT HARIDAS
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A regenerative Rankine cycle comprising a Rankine boiler; at least one turbine having at least one low pressure extraction stage; a Rankine condenser wherein fully expanded vapors of the turbine are condensed; at least one fluid heater which receives at least one portion of vapors extracted from the low pressure extraction stage; at least one heat booster comprising a generator, a condenser, an evaporator, an absorber, and a solution heat exchanger operably linked to each other; wherein vapors extracted from the low pressure extraction stage are condensed in at least one of the generator and the evaporator of at least one heat booster; a fluid path for heating fluid before the fluid reaches the Rankine boiler; wherein the fluid is heated in the at least one fluid heater and at least one of the absorber and the condenser of the heat booster, all of which are in fluid communication with each other; and, a fluid bypass path in thermal communication with the fluid path; wherein the fluid bypass path enables condensed fluid stream from the Rankine condenser to be combined with condensed fluid stream from the fluid heater and at least one of the generator and the evaporator of the heat booster.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYNTHESIS AND EVALUATION OF ANTIFUNGAL ACTIVITY OF 5-SUBSTITUTED-N1 -H-2-METHYLAMINO/α-ETHYLAMINO (4'-N4 -ALKYL/ARYLPIPERAZINYL) BENZIMIDAZOLE DERIVATIVES

(51) International classification	:C07C335/38; C07D235/32	(71) Name of Applicant : 1)WAGH SANJAY BABURAO Address of Applicant :MATRU DARSHAN, OPPOSITE VASANT MARKET, OLD GANGAPUR NAKA, NASHIK-422 005, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)WAGH SANJAY BABURAO
(8□) International Publication No	:N/A	2)HARAK SHILPA SUDHAKAR
(61) Patent of Addition to Application Number Filing Date	:NA	3)JADHAV MAHANTESH NAMDEO
(62) Divisional to Application Number Filing Date	:NA	4)AMOL JAGDALE
		5)MOHAN SHITOLE
		6)LAVEKAR SUHAS SUDHAKAR

(57) Abstract :

The compounds of formula (I) and (II) (I) R1 - H,C1; R2 - H,CH3, R3 = cycloalkylamines as per table no. 1 a) Where in R3 is independently selected from the group consisting of cycloalkylmono & diamines b) R1 is H, CI and c) R2 is H,CH3 d) their process for manufacture and their usefulness as antifungal agents and the process to evaluate the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2284/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM FOR CHARGING ENERGY STORAGE DEVICE

(51) International classification	:B60L11/18; B60W10/24; H02J7/00	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LTD. Address of Applicant :GATEWAY BUILDING, APOLLO BUNDER, MUMBAI - 400001. Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. MAGO SUBHASH
(33) Name of priority country	:NA	2)MR. HIRANANDANI PRAVESH GOPE
(86) International Application No	:NA	3)MR. SHAH PARESH KANTILAL
Filing Date	:NA	4)MR. SHARMA RAKESH
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a portable charging system and method for charging energy storage device such as battery. The system comprising a sensing transformer configured with AC mains, main AC relay, rectification circuit, set of relays configured with microcontroller through rectification circuit, main transformer and DC source for the microcontroller and filter circuit. The sensing transformer is connected to main AC relay that receives signal from the said AC mains and connects the circuit to operate at the desired voltage and current as per sensing transformer signal. The rectification circuit comprises a set of transistors, diodes and resistors wherein the output of main AC relay and the microcontroller is provided to the said rectification circuit. The microcontroller is programmed in accordance with the desired charging cycle. The rectification circuit in turn is configured with the set of relays wherein each relay is configured with individual set of the filter circuit. The set of relays is further connected to primary winding of the main transformer and secondary winding of the main transformer is further fed to the rectification circuit, and the energy storage device to be charged is configured with the said rectification circuit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2267/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF CHOLINE FENOFIBRATE

(51) International classification

:A61K31/216;
A61K9/28

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INTAS PHARMACEUTICALS LIMITED

Address of Applicant :INTAS PHARMACEUTICALS
LIMITED, 2ND FLOOR, CHINUBHAI CENTRE, ASHRAM
ROAD, AHMEDABAD 380009. GUJARAT, INDIA

(72)Name of Inventor :

1)DESAI SANJAY JAGDISH

2)JAMRIYA NILESH MANJIBHAI

3)PATIL SANDEEP SHUBHASH

4)RAO SREENIVAS PEDDINENI

(57) Abstract :

Provided herein is process for preparation of choline fenofibrate. The process includes reaction of fenofibric acid with choline chloride in presence of non-metallic inorganic base.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2302/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : EFFICIENT SYSTEM FOR REALIZING BUSINESS PROCESS FAMILIES USING MODEL-DRIVEN TECHNIQUES

(51) International classification	:G06Q10/06	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI 400021, Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KULKARNI VINAY
(87) International Publication No	:N/A	2)BARAT SOUVIK
(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 system and method for developing a set of business process definitions sharing the common business intent as a business process family using model-driven techniques. The present invention minimizes on development time and resources thus leading to a cost effective system and method for developing business process families. The invention enables to create a business process family which can be easily configured to behave as a specific business process thus meeting the needs of a set of apriori known situations. The invention supports configuration process at different stages (i.e. design time, and run time) of the business process application and also support extension of the configuration structure at different stages (i.e. design time, and run time). The invention enables to create a business process family which can be easily extended to meet the needs of an as yet unseen situation.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2303/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF TAPENTADOL

(51) International classification	:C07C209/36; C07C211/44; C07C213/10	(71) Name of Applicant : 1)INDOCO REMEDIES LIMITED Address of Applicant :INDOCO HOUSE, 166 C.S.T. ROAD, SANTACRUZ (EAST), MUMBAI-400 098, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAJADHYAKSHA MANGESH NARAYAN
(33) Name of priority country	:NA	2)NAIR RANJEET
(86) International Application No Filing Date	:NA	3)DESHMUKH SANDIP KACHARU
(87) International Publication No	:N/A	4)KHABALE SOMNATH AMBADAS
(61) Patent of Addition to Application Number Filing Date	:NA	5)PANANDIKAR ADITI MILIND
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Disclosed herein is an improved process for the preparation of 3-[(2R,3R)-1-(dimethylamino)-2-methylpentan-3-yl] phenol of Formula - I and its pharmaceutically acceptable salt which comprises the reaction of (S)-1-(dimethylamino)-2-methyIpantan-3-one of formula VIII with 3 - bromo anisole of formula II under Grignard conditions to get the compound (2S, 3R)-1- (dimethylaniino)-3-(3-methoxyphenyl)-2-methyl pentan-3-ol of formula V followed by activation of the -OH group of the formula V to convert into sulfonate esters of formula IX, which are on reductive deoxygenation to yield (2R,3R)-3-(3-methoxyphenyl)-N,N,2-trimethylpentan-l- amine of formula VII and demethylation of formula VII to obtain the compound 3-[(2R,3R)-1-(dimethylamino)-2-methylpentan-3-

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.249/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL CREAM AND A PROCESS TO MAKE THE SAME

(51) International classification	:A61K8/29; A61K8/97; A61Q17/07	(71) Name of Applicant : 1)MR. SULUR,SUBRAMANIAM VANANGAMUDI Address of Applicant :NO:29,VGP LAYOUT,4TH ROAD, INJAMBAKKAM,CHENNAI-600 041, TAMIL NADU STATE, India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. SULUR,SUBRAMANIAM VANANGAMUDI
(33) Name of priority country	:NA	2)SRINIVASAN,MADHAVAN
(86) International Application No Filing Date	:NA	3)CHULLIEL,NEELAKANDAN NARAYANAN
(87) International Publication No	: NA	4)KUPPUSAMY SENTHILKUMAR
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A Medicinal Fusidic Acid Cream Made Using Sodium Fusidate And Incorporating a Biopolymer, a Corticosteroid - Beclomethasone Dipropionate And an Antifungal Agent -Terbinafine Hydrochloride And a Process To Make It The present invention discloses a medicinal composition for treating skin inflammations, fungal/bacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelisation process. The active ingredients, namely Chitosan, Betamethasone Dipropionate, Terbinafine Hydrochloride and Fusidic Acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Betamethasone Dipropionate and Terbinafine Hydrochloride in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water.

No. of Pages : 91 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2285/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FORMULATION OF THE INSTAFLOAT BILAYER TABLET FOR ANTIDIABETIC DRUG THERAPY

(51) International classification	:A61K31/403; A61K31/64; A61K47/26	(71) Name of Applicant : 1)NISHI PRAKASH JAIN Address of Applicant :171, SAGAR AVENUE AYODHYA BYPASS ROAD BHOPAL 462041 Madhya Pradesh India 2)NAVNEET THAKUR
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)NISHI PRAKASH JAIN
(33) Name of priority country	:NA	2)NAVNEET THAKUR
(86) International Application No	:NA	3)BRAHMA PRAKASH GUPTA
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 :

Diabetes mellitus is a global public health problem, and its incidence is on the rise, Worldwide, more than 150 million adults have diabetes, a number the World Health Organization expects to double over the next 20 years. The levels of sugar in the blood vary normally throughout the day. It rises after meals for an hour or two by a few grams and is usually lowest in the morning, before the first meal of the day. Metformin has been established as the drug of choice for the first-line treatment of type 2 diabetes. Metformin is considered one of the safest oral hypoglycemic agents. Its oral bioavailability is in the range of 40 to 60%. It has poor permeability through the lower portion of the gastrointestinal tract. The bioavailability of drugs with an absorption window in the upper small intestine is generally limited with conventional pharmaceutical dosage forms. The residence time of such systems and, thus, of their drug release into the stomach and upper intestine is often short. The INSTAFLOAT system provides the immediate plasma level of the drug and as well providing the control release of the drug in the absorption .window of the drug, hence it will provide better control over the plasma level of the glucose as compared to the other available dosage form of the drug.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.248/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL CREAM AND A PROCESS TO MAKE THE SAME

(51) International classification	:A61K8/29; A61K8/97; A61Q17/08	(71) Name of Applicant : 1)MR. SULUR,SUBRAMANIAM VANANGAMUDI Address of Applicant :NO:29,VGP LAYOUT,4TH ROAD, INJAMBAKKAM,CHENNAI-600 041, TAMIL NADU STATE, India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. SULUR,SUBRAMANIAM VANANGAMUDI
(33) Name of priority country	:NA	2)MR .SRINIVASAN,MADHAVAN
(86) International Application No Filing Date	:NA	3)MR. CHULLIEL,NEELAKANDAN NARAYANAN
(87) International Publication No	: NA	4)MR. BALAKRISHNAN SELVARAJ
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention discloses a medicinal composition for treating skin inflammations, fungal/bacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelisation process. The active ingredients, namely Chitosan, Betamethasone Dipropionate, Miconazole Nitrate and Fusidic Acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material. wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Betamethasone Dipropionate and Miconazole Nitrate in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water.

No. of Pages : 93 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.250/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL CREAM AND A PROCESS TO MAKE THE SAME

(51) International classification	:A61K8/29; A61K8/97; A61Q17/05	(71) Name of Applicant : 1)MR. SULUR,SUBRAMANIAM VANANGAMUDI Address of Applicant :NO:29,VGP LAYOUT,4TH ROAD, INJAMBAKKAM,CHENNAI-600 041, TAMIL NADU STATE, India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. SULUR,SUBRAMANIAM VANANGAMUDI
(33) Name of priority country	:NA	2)MR. SRINIVASAN, MADHAVAN
(86) International Application No Filing Date	:NA	3)MR. CHULLIEL,NEELAKANDAN NARAYANAN
(87) International Publication No	: NA	4)MR. BALAKRISHNAN SELVARAJ
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention discloses a medicinal composition for treating skin inflammations, fungaVbacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelisation process. The active ingredients, namely Chitosan, Betamethasone Dipropionate, Clotrimazole and Fusidic Acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Betamethasone Dipropionate and Clotrimazole in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water. The cream produced by the process of the present invention further optionally contains an ingredient selected from a group comprising, a buffering agent, an anti oxidant, a chelating agent, and a humectant, or any combination thereof.

No. of Pages : 92 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2255/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SEMI-CONDUCTING BIOMATERIAL HYBRID OF A POLYANIONIC BIOPOLYMER AND A POLYTHIAZOLE, AND PROCESS THEREOF

(51) International classification	:A61L 27/00	(71) Name of Applicant : 1)INSTITUTE OF SCIENCE Address of Applicant :CIVIL LINES, R.T. ROAD, NAGPUR-440001, 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)RAHATGAONKAR, ANJALI MILIND 2)TIWARI ASHUTOSH 3)GHATOLE AJAY
(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 provides a semi-conducting biomaterial hybrid comprising a backbone of a polyanionic biopolymer and a polythiazole, wherein said polythiazole is co-polymerised onto said polyanionic biopolymer. The present disclosure also provides a process for preparation of a semi-conducting biomaterial hybrid comprising: dissolving a polyanionic biopolymer in water; adding a thiazole and an inorganic acid followed by stirring; adding ammonium persulfate and allowing to react for about 2 hours to obtain a reaction mixture; neutralizing said reaction mixture with an inorganic base; and precipitating said semi-conducting biomaterial hybrid by addition of an alcohol. The semi-conducting biomaterial hybrid is useful in biosensor devices for selective and specific detection of biomolecules, microorganisms and hazardous gases.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2256/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A COLLAPSIBLE CLUTCH PEDAL ASSEMBLY FOR AUTOMOBILES

(51) International classification	:B60K23/00; B60K23/02	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)JEETENDRA PRAKASH CHAUDHARI
(87) International Publication No	: NA	2)DUBE SANDIP
(61) Patent of Addition to Application Number	:NA	3)KESKAR JAYANT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a collapsible clutch pedal assembly which comprises; a clutch pedal 01, a pivot shaft member 02 for mounting said clutch pedal, a first support structure 03 and second support structure 04 provided for mounting said pivot shaft member, a pair of split bushes 05, 05, 0.6, 06 provided on said first support structure and second structure, a circlip 07 arranged on outer face of said first and second support structures 03,04, a first set of rivet pins 08, 09 and second set of rivet pins 10, 11 provided for connecting said first and second support structure to constitute a splitable boxlike structure, said said first and second support structure 03,04 are detachably connected with the help of said second set of rivet pins 10,11 in such a way that shearing of said second rivet pins facilitates to open said split bushes thereby enabling said pivot shaft member 02 to fall away in the event of frontal crash of vehicle. In accordance with another embodiment of the present invention, a guideways G1, G2 are provided on said second support structure, said said first and second support structure 03,04 are detachably connected with the help of said second set of rivet pins 10,11 in such a way that shearing of said second rivet pins facilitate said first set of rivet pins 08, 09 to travel through said guideways G1, G2 thereby enabling said pivot shaft member 02 to fall away in the event of frontal crash of vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2257/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AN IMPROVED FRONT CAB MOUNTING SYSTEM FOR VEHICLE

(51) International classification	:B60Q9/00; B60R11/02; G08G1/16	(71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DNYANESHWAR MHASKAR
(33) Name of priority country	:NA	2)MAHESH MUNGI
(86) International Application No	:NA	3)ADWAIT KULKARNI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an improved front cab mounting system,. said front cab mounting system comprises; front cab mounts (3), rear cab mounts (4), said front cab mount (3) having a front cabin bracket (3.1) integrally connected to cab floor long member, a frame mounting bracket (3.3) provided on chassis frame, an intermediate bracket (3.2) for connecting said cabin bracket and said frame mounting bracket said intermediate bracket (3.2) having plurality of inner ribs (3.2.1.1, 3.2.1.2, 3.2.1.3) and outer ribs (3.2.2.1, 3.2.2.2), height of at least one said inner ribs is configured in such a way that the gap with said cabin bracket (3.1) are minimum for supporting the said cabin bracket (3.1) during the impact force thereby minimising the deformation of the said cabin and buckling of the said floor long member (1.2.1) . In accordance with another embodiment of the present invention, the said inner and outer ribs are extended vertically . downward through the top surface of the said frame mounting bracket (3.3) such that the longitudinal impact load is shared by said extended ribs thereby preventing the shearing of first set of bolts (4.1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/12/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : TIGHTENING MACHINE HAVING SOCKET UNIT

(51) International classification	:B25B21/00, B25B23/00	(71) Name of Applicant : 1)Maeda Metal Industries Ltd. Address of Applicant :14-3 Fukaekita 3-chome Higashinari-ku Osaka-shi Osaka 537-0001 Japan
(31) Priority Document No	:2010- 279170	(72) Name of Inventor : 1)Akihiro YOSHIMACHI 2)Yukio TORIGAI
(32) Priority Date	:15/12/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An outer socket can easily be fitted to a reaction washer in a state where an inner socket is fitted to a nut even if phases of the nut and the reaction washer are misaligned each other. A tightening machine (10) has a socket unit (20) which tightens a reaction washer (95) and a nut (93) to each other. The socket unit includes an inner socket (30) whose tip end can engage with the nut and an outer socket (50) formed concentrically with the inner socket. A tip end of the outer socket can engage with the reaction washer. The socket unit concentrically includes an inner socket holder (70) and an outer socket holder (80).

No. of Pages : 36 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : THIS CALL

(51) International classification	:H04M 11/00, H04M3/42	(71) Name of Applicant : 1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920, U.S.A.
(31) Priority Document No	:12/966,835	(72) Name of Inventor :
(32) Priority Date	:13/12/2010	1)BRUNSON, GORDON R
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An in-progress call can be manipulated such that user devices in proximity to the in-progress call, but not initially part of the call, are enabled to join the in-progress call. Determining that a user device is in proximity to an in-progress call may include detection, by the user device, of an in-progress call. Alternatively, or in addition, a communication device involved in the in-progress call may detect a user device and query the user device as to whether it has permissions to join the in-progress call and, if so, whether it wants to join the in-progress call.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3494/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PRINTED CIRCUIT BOARD WITH A SCREEN

(51) International classification	:H05K1/18, H05K3/46, H05K9/00	(71) Name of Applicant : 1)SEMIKRON ELEKTRONIK GMBH & CO. KG Address of Applicant :SIGMUNDSTRASSE 200, 90431 NUERNBERG, GERMANY
(31) Priority Document No	:102010063245.7	(72) Name of Inventor :
(32) Priority Date	:16/12/2010	1)ALEXANDER WEIGEL
(33) Name of priority country	:Germany	2)MARIO MITZEL
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A printed circuit board (2) having a carrier plate (4) which has a top side (6) and an underside (8) and extends in a two-dimensional manner, having at least a first conductor track plane (10a) and a second conductor track plane (10b) which is at a distance from the first conductor track plane, and having an electrical circuit (12) which occupies at least one section (18) of the carrier plate (4), contains a screen (20) which screens the circuit (12) from electromagnetic interfering radiation, the screen (20) containing a first screening conductor track (22a) which is arranged on the first conductor track plane (10a) and bounds the section (18) in a closed manner, and a second screening conductor track (22b) which is arranged on the second conductor track plane (10b) and bounds the section (18) in a closed manner, the first screening conductor track (22a) and the second screening conductor track (22b) being congruent at least in a circumferential region (24) which bounds the circuit (12) in a closed manner, and the screen (20) containing, in the circumferential region (24), a plurality of plated-through holes (26) which penetrate the carrier plate (4) and connect the first screening conductor track (22a) and the second screening conductor track (22b).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3562/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BATTERY CHARGER FOR ELECTRIC VEHICLE

(51) International classification	:H02J 7/00
(31) Priority Document No	:201120027779.8
(32) Priority Date	:27/01/2011
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUNYEN CO., LTD.

Address of Applicant :5F, NO.212, RUEIGUANG ROAD,
TAIPEI, TAIWAN

(72)Name of Inventor :

1)YU-TA TU

(57) Abstract :

An intelligent battery charger for electric vehicles is disclosed. The charger includes a power circuitry, a plurality of charging units and a communication interface unit. The charging units may be used to electrically connect to one or more batteries for charging. Signal output terminals of the batteries connect to the communication interface unit. Status signals of the batteries are integrated by the communication interface unit and then sent to the charging units and power circuitry to adjust charging conditions. The charging units may be connected in parallel or in series for matching various types of batteries of electric vehicles.

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2296/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CUSTOMER RETENTION SYSTEM

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No Filing Date	:NA	1)RAGUNATHAN REVATHI 2)BIJU PAYYOOR MANA 3)PRASAD GIRIDHAR 4)LORANCE ADWIN 5)RAMAKRISHNAN RAMESH KUMAR 6)MYSORE RAGHAVENDRA 7)AKSHATA JAVALIRAO 8)VIJAYANATHAN AJITHA 9)SENGUPTA PRATIK 10)KONADATH SHAHIN 11)MURUGA SURENDRA BABU 12)SAMYAK AVINASH SHERI 13)KRISHNAMURTHY PRAKASH
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The subject matter described herein relates to a system (102) and a method for customer retention. The subject matter is directed towards a computer implementable system (102) and method of providing one or more retention policies for customer retention. In one implementation, a customer profile object is received and tagged to an associated profile type from among a plurality of profile types. The profile type, in one embodiment is based at least in part on a plurality of profile parameters. Based at least in part on the profile type, one or more retention policies are selected from a plurality of retention policies and provided for customer retention. The system (102) further updates a weightage of at least one retention policy from among the one or more retention policies.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.247/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL CREAM AND A PROCESS TO MAKE THE SAME

(51) International classification	:A61K8/29; A61K8/97; A61Q17/04	(71) Name of Applicant : 1)MR. SULUR,SUBRAMANIAM VANANGAMUDI Address of Applicant :NO:29,VGP LAYOUT,4TH ROAD, INJAMBAKKAM,CHENNAI-600 041, TAMIL NADU STATE, India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. SULUR,SUBRAMANIAM VANANGAMUDI
(33) Name of priority country	:NA	2)MR. SRINIVASAN,MADHAVAN
(86) International Application No Filing Date	:NA	3)MR. CHULLIEL,NEELAKANDAN NARAYANAN
(87) International Publication No	: NA	4)MR. KUPPUSAMY SENTHILKUMAR
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A Medicinal Fusidic Acid Cream Made Using Sodium Fusidate And Incorporating a Biopolymer, a Corticosteroid - Beclomethasone Dipropionate And an Antifungal Agent -Clotrimazole And a Process To Make It The present invention discloses a medicinal composition for treating skin inflammations, fungal/bacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelisation process. The active ingredients, namely Chitosan, Betamethasone Dipropionate, Clotrimazole and Fusidic Acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Betamethasone Dipropionate and Clotrimazole in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water.

No. of Pages : 92 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.299/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : NOVEL 42-O-HETEROALKYL AND 42-O-ALKOXYALKYL DERIVATIVES OF RAPAMYCIN.

(51) International classification

:A61K31/435;A61K45/00;
A61P11/06

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application

:NA

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 :NEAR G. M. BILAKHIA STADIUM,
MUKTANAND MARG, CHALA, VAPI 396 191, GUJARAT,
INDIA

(72)Name of Inventor :

1)RANE; DHANANJAY SHARAD

2)VYAS; RAJNIKANT GANDALAL

3)MINOCHA; PRAMOD KUMAR

(57) Abstract :

The invention discloses novel 42-0-(heteroalkoxyalkyl) rapamycin compounds of formula (1) and process for preparation thereof. These compounds are useful in the treatment of hyperproliferative vascular diseases such as restenosis and atherosclerosis

No. of Pages : 59 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2012

(21) Application No.356/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD&NBSP; SYSTEM AND DEVICE FOR INITIATING WIRELESS COMMUNICATION

(51) International classification	:H04B 7/14
(31) Priority Document No	:12/533,884
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001138
Filing Date	:23/07/2010
(87) International Publication No	:WO/2011/011867
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIERRA WIRELESS INC.

Address of Applicant :13811 Wireless Way Richmond British Columbia V6V 3A4 Canada

(72)Name of Inventor :

1)WAUNG William Yih Yuan

2)WAUNG Matthew Thomas

(57) Abstract :

The present invention provides a wireless device configured relay wireless communication between a computing device and one or more broadband wireless networks. In this manner the wireless device can act as an access point hotspot or the like for the computing device. The wireless device comprises a network interface system configured for communication with a wireless network and one or more broadband wireless networks. The wireless device further includes a control system operatively coupled to the network interface system wherein the control system is configured to control communication between the network interface system and the wireless network. The control system is further configured to activate communication with one or more of the broadband wireless networks upon receipt of a predetermined communication from the computing device via the wireless network.

No. of Pages : 26 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.253/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL CREAM AND A PROCESS TO MAKE THE SAME

(51) International classification	:A61K8/29; A61K8/97; A61Q17/06	(71) Name of Applicant : 1)MR. SULUR,SUBRAMANIAM VANANGAMUDI Address of Applicant :NO:29,VGP LAYOUT,4TH ROAD, INJAMBAKKAM,CHENNAI-600 041, TAMIL NADU STATE, India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. SULUR,SUBRAMANIAM VANANGAMUDI
(33) Name of priority country	:NA	2)MR. SRINIVASAN,MADHAVAN
(86) International Application No Filing Date	:NA	3)MR. CHULLIEL,NEELAKANDAN NARAYANAN
(87) International Publication No	: NA	4)MR. KUPPUSAMY SENTHILKUMAR
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention is directed to a medicinal composition for treating skin inflammations, fungal/bacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelialisation process. The cream comprises Chitosan, Clobetasol Propionate, Miconazole Nitrate and Fusidic acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Clobetasol Propionate and Miconazole Nitrate in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water.

No. of Pages : 96 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3473/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD FOR CREATING A CUSTOMER-SPECIFIC SETUP FOR A LIBRARY OF DEVICE DRIVERS.

(51) International classification	:G06F17/30, G06F9/445	(71) Name of Applicant : 1)CODEWRIGTS GMBH Address of Applicant :AM STADTGARTEN 1, DE-76137 KARLSRUHE, GERMANY
(31) Priority Document No	:102010062835.2	
(32) Priority Date	:10/12/2010	
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)ALEXANDER SCHWALBE
Filing Date	:NA	2)MICHAEL GUNZERT
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for creating a customer-specific setup for a library of device drivers, wherein each device driver is a software module, via which a field device, or a field device type, can be serviced. An object of the invention is to provide a method permitting creation of an individualized, customer-specific setup for the device driver library. The object is achieved by the feature that a DTM library setup is expanded automatically by earlier assembled, customer-specific information.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3474/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STABILIZER FOR A LINK OF AN AGRICULTURAL TRACTOR

(51) International classification	:F16F 13/00, F16F 15/02	(71) Name of Applicant : 1)HANS SAUERMANN Address of Applicant :IM GEWERBEGBIET 8, 85119 ERNSGADEN, GERMANY
(31) Priority Document No	:202010016822.8	
(32) Priority Date	:21/12/2010	
(33) Name of priority country	:Germany	(72) Name of Inventor : 1)HANS SAUERMANN
(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 stabilizer (1) serves for stabilizing a lower link and/or upper link of a three-point suspension system of an agricultural tractor. The stabilizer (1) has at least one telescope (8) consisting of a tube (5) and a piston (6) held displaceably therein. Said tube and piston are coupled elastically by at least one spring (7). The piston (6) is designed such that it can be adjusted in length by means of at least one thread (12,13). In order to retain the telescope (8), the stabilizer has at least one pivotably held retaining clip (15). In a retaining position, said retaining clip (15) engages over an abutment (17) of the piston (6) whereas, in a release position of the retaining clip (15), the piston (6) can be freely moved. In order to obtain simple handleability of said stabilizer (1), the abutment (17) is formed by at least one substantially rotationally symmetrical disc. The piston length can therefore be adjusted in or in the vicinity of the retaining position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.3580/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MOLDED MOTOR

(51) International classification	:H02K 1/14	(71) Name of Applicant : 1)NIDEC TECHNO MOTOR HOLDINGS CORPORATION Address of Applicant :338, KUZETONOSHIRO-CHO, MINAMI-KU, KYOTO-SHI, KYOTO 601-8205, Japan
(31) Priority Document No	:2010-294468	
(32) Priority Date	:29/12/2010	
(33) Name of priority country	:Japan	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)HIROSHI YOSHIDA 2)AKITOSHI MAENO 3)JUNICHI SATO 4)TATSUYA YOSHIDA
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A molded motor 1 includes a stator 2, a resin-made casing 6, a rotor 3, a pair of bearings 9a and 9b, a pair of bearing retainers 15, a resin-made bracket cover 7 and a control board 51. The rotor includes a shaft 8. The bearings 9a and 9b are arranged to rotatably support the shaft 8. The bearing retainers 15 are made of an elastic insulating body. The bearing retainers 15 are arranged to cover the bearings 9a and 9b at radial outer sides of the bearings 9a and 9b and to hold the bearings 9a and 9b in place. The bracket cover 7 is arranged to cover the open side of the casing 6. One of the bearings 9a and 9b is attached to the bracket cover 7 through one of the bearing retainers 15. The other bearing is attached to a bottom wall portion of the casing 6 through the other bearing retainer 15.

No. of Pages : 101 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : MOBILE DOSING, MIXING AND PACKAGING PLANT

(51) International classification :B65B 1/00
(31) Priority Document No :10382338.1
(32) Priority Date :16/12/2010
(33) Name of priority country :EPO
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)INVERSIONES HIKI6, S.L.

Address of Applicant :C/CARDENAL BELLUGA, PARC.
24/23 Y 24/22 30169 SAN GINES(MURCIA) SPAIN

(72)Name of Inventor :

1)STAMM KRISTENSEN, HENRIK

2)MARTINEZ LOPEZ, M MARAVILLAS

(57) Abstract :

The main objective of this invention is a Mobile plant for dosing, mixing and packaging of powdery products, characterized because it is comprised of a carrying structure and several areas for: reception and weighing, loading, mixing, sack tilling, sewing and labelling, metal detection, palletizing and cleaning. This invention is included within the industrial plants technical sector of manufacturing and mixing of powdery products.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.350/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : RECOMBINANT HUMAN INTERFERON-LIKE PROTEINS

(51) International classification

:A61K 38/21

(31) Priority Document No

:11/764,786

(32) Priority Date

:18/06/2007

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/CA2007/001123

Filing Date

:22/06/2007

(87) International Publication No

:WO 2008/154719

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:

Filed on :01/01/1900

(71)Name of Applicant :

1)NOVAGEN HOLDING CORPORATION

Address of Applicant :C/O HSBC INTERNATIONAL LIMITED, P.O. BOX 484 GT, STRATHVALE HOUSE, NORTH CHURCH STREET, GEORGE TOWN, GRAND CAYMAN, CAYMAN ISLANDS

(72)Name of Inventor :

1)WANG, HAITAO

2)MAO, CHUNSHENG

3)LI, JIZHI

4)WANG, LING

5)DU, YONG

6)LIU, LONGBIN

7)XU, JING

8)ZHANG, RUI

(57) Abstract :

This application relates to recombinant human interferon-like proteins. In one embodiment a recombinant protein created by gene shuffling technology is described having enhanced anti-viral and anti-proliferative activities in comparison to naturally occurring human interferon alpha 2b (HuIFN-a2b). The invention encompasses a polynucleotide encoding the protein and recombinant vectors and host cells comprising the polynucleotide. Preferably the polynucleotide is selected from the group of polynucleotides each having a sequence at least 93% identical to SEQ ID: No. 1 and the protein is selected from the group of proteins each having an amino acid sequence at least 85% identical to SEQ ID No; 2. The proteins and compositions comprising the proteins can be used for treatment of conditions responsive to interferon therapy, such as viral diseases and cancer.

No. of Pages : 92 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

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

(43) Publication Date : 11/01/2013

(54) Title of the invention : DISK LOADING APPARATUS

(51) International classification	:G11B/1704	(71) Name of Applicant : 1)Samsung Electronics Co. Ltd. Address of Applicant :416 Maetan-dong Yeongtong-gu Suwon-si Gyeonggi-do Republic of Korea
(31) Priority Document No	:2011-0000528	
(32) Priority Date	:04/01/2011	
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor : 1)PARK Jun-tae 2)LEE Jeung-rak 3)SEOL Young-yun
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 disk loading apparatus includes a disk selecting unit rotatable through a rotating angle which corresponds to a size of an inserted disk, a pair of guide arms that are spaced from the disk selecting unit and are rotated by the disk, a small diameter loading lever that is rotated by one of the guide arms, a large diameter loading lever that is moved by the guide arms, a slide cam unit that is moved by the small diameter loading lever or the large diameter loading lever, and a chuck unit which is disposed between the guide arms and the disk selecting unit and is operated by the slide cam unit to chuck the disk. The small diameter loading lever and the large diameter loading lever are disposed at a same height above the guide arms.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3630/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ROUTING OF CONTACTS IN CONTACT CENTRES

(51) International classification	:H04L 29/08	(71) Name of Applicant : 1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(31) Priority Document No	:13/163,772	
(32) Priority Date	:20/06/2011	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)DOOLEY, ENDA
Filing Date	:NA	2)FLANNERY, PETER
(87) International Publication No	:N/A	3)TYNAN, HIGH
(61) Patent of Addition to Application Number	:NA	4)WALSH, PADRAIC
Filing Date	:NA	5)SAUNDERS,DAVID
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Contacts are routed to contact center agents handling multiple concurrent contacts by determining, for each of a plurality of agents, a historical average measure of time taken by that agent to handle one more contact than they are currently handling, and making a routing decision which is at least partially based on this historical average measure of time.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3631/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMIZING CONTACT CENTRE PERFORMANCE

(51) International classification	:G06Q 10/00	(71)Name of Applicant : 1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(31) Priority Document No	:13/032,864	
(32) Priority Date	:23/02/2011	
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)O'CONNOR NEIL 2)D'ARCY PAUL
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for assigning individual contact processing resources of a contact centre to contacts in the contact centre is disclosed. On receiving a new contact at the contact centre, a contact object corresponding to the new contact is provided within a population of contact objects corresponding to contacts being processed by the contact centre. A programmed processing object corresponding to each individual contact processing resource of the contact centre is provided. Each processing object is arranged to adaptively and independently select contact objects from the population of contact objects based on a value received for processing contacts from the population and a value spent on processing contacts from the population. Once a programmed processing object selects a contact object, an associated contact processing resource is assigned to the contact.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.3563/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A MODIFIED STEAM-METHANE-REFORMATION TECHNIQUE FOR HYDROGEN PRODUCTION

(51) International classification

:C10J 3/00

(31) Priority Document No

:13/161,747

(32) Priority Date

:16/06/2011

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SURENDRA SAXENA

Address of Applicant :11455 SW 92 COURT, MIAMI,
FLORIDA 33176, U.S.A.

(72)Name of Inventor :

1)SURENDRA SAXENA

(57) Abstract :

A process of and system for sequestering carbon (CO₂) produced in coal and gas burning hydrogen production plants, resulting in the production of hydrogen at current market prices or less without carbon emission.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.3578/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : WIND POWER HYBRID ROTOR

(51) International classification

:F03D 9/00

(31) Priority Document No

:102010055687.4

(32) Priority Date

:22/12/2010

(33) Name of priority country

:Germany

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)EADS DEUTSCHLAND GMBH

Address of Applicant :WILLY-MESSERSCHMITT-
STRASSE, 85521 OTTOBRUNN, GERMANY

(72)Name of Inventor :

1)JOST SEIFERT

(57) Abstract :

The present invention relates to a wind power hybrid rotor of a wind power plant, for example, for converting wind energy into drive energy for performing work. For a utilization of the wind energy in a manner as efficient as possible, a wind power hybrid rotor is provided which comprises a cross-flow rotor (12), a guide device (14) and a Magnus rotor (16). The cross-flow rotor is supported so as to be rotatable about a rotational axis D (18) and has a plurality (20) of axially extending rotor blades (22). The guide device has a housing segment (24) which partially encloses the cross-flow rotor in the circumferential direction in such a manner that the cross-flow rotor can be driven by inflowing wind W (26). The Magnus rotor axis is arranged within the cross-flow rotor, wherein the Magnus rotor axis extends in the direction of the rotational axis. The Magnus rotor has a closed lateral surface (28) and is rotatably driven about the Magnus rotor axis by a drive device (30).

No. of Pages : 43 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.3579/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : FIBRE GUIDE CHANNEL DEVICE FOR AN OPEN-END SPINNING MECHANISM.

(51) International classification	:D01H 4/38
(31) Priority Document No	:102011010925.0
(32) Priority Date	:11/02/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OERLIKON TEXTILE GMBH & CO. KG

Address of Applicant :LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY

(72)Name of Inventor :

1)LOTHAR WINZEN

(57) Abstract :

The invention relates to a fibre guide channel device for an open-end spinning mechanism with a fibre guide channel body, which can be fixed in an opening roller housing and which, in the region of its fibre guide channel entry, has a receiving opening for a fibre guide channel insert and by means of the central fibre guide channel of which individual fibres, which are combed by an opening roller from a feed fibre band, are pneumatically transported to a spinning rotor revolving at a high rotational speed in a negative pressure-loadable rotor housing. According to the invention it is provided that the fibre guide channel body (14) is configured as a plastics material part and the fibre guide channel insert (27) is manufactured as a sleeve-like component, which is closed all the way round and consists of a highly abrasion-resistant material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3626/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HIGHLY SCALABLE AND DISTRIBUTED CALL/MEDIA MODELING AND CONTROL FRAMEWORK.

(51) International classification	:H04M 11/00	(71) Name of Applicant : 1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(31) Priority Document No	:12/979, 134	(72) Name of Inventor : 1)BRUNSON, GORDON R. 2)Ezell, JOEL M. 3)MENDIRATTA, HARSH V. 4)WILLIAMS, OWEN D.
(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	: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 highly scalable and distributed call/media modeling and control framework is described. In particular, a plurality of anchor point servers are provided which enable one or more applications to exert call and media control over in-progress communication sessions even though the applications were not originally bound to the communication session during its setup.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3627/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SEARCH-BASED WORK ASSIGNMENTS IN A CONTACT CENTRE

(51) International classification	:H04L 12/58	(71) Name of Applicant : 1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(31) Priority Document No	:13/113,358	
(32) Priority Date	:23/05/2011	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor : 1)JENNINGS, TERRY DON
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided herein is a system and method for assigning a service contact from a customer to a service agent. The method may include generating a customer information record from the service contact; producing a result set of eligible service agents by use of the customer information record; sorting the result set of eligible service agents based upon a predetermined criterion, to produce a sorted result set of eligible service agents; assigning a service agent from the sorted result set of eligible service agents, to produce an assigned service agent; and monitoring a communication channel for a refusal message from the assigned service agent. If a refusal message is received from the assigned service agent, then the method may further include: classifying the assigned service agent as ineligible; and assigning another service agent from the sorted result set of eligible service agents, to produce an assigned service agent

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3632/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD OF ENHANCED COLLABORATION THROUGH TELEPORTATION

(51) International classification	:G06F 7/00	(71) Name of Applicant :
(31) Priority Document No	:13/177,718	1)AVAYA INC
(32) Priority Date	:06/06/2011	Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)WU, CHOU
Filing Date	:NA	2)HYNDMAN, ARN
(87) International Publication No	:N/A	3)LIU, FENG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present invention generally relate to a system and method enhanced collaboration through teleportation. In one or more embodiments, there is provided a system for moderating an enhanced collaboration environment for at least a set of participants, comprising a server for facilitating a 2-D federated collaboration environment for the at least one set of participants; a server for facilitating a 3-D virtual collaboration environment for the at least one set of participants; and a gateway server for facilitating teleportation of at least two participants of the at least one set of participants from the 2-D federated collaboration environment to form a teleported collaboration group in the 3-D virtual collaboration environment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3634/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : GOAL-BASED ESTIMATED WAIT TIME.

(51) International classification	:G06F 17/60	(71)Name of Applicant : 1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(31) Priority Document No	:13/163,669	
(32) Priority Date	:17/06/2011	
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)FLOCKHART, ANDREW D. 2)KOHLER, JOYLEE 3)STEINER, ROBERT C.
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A contact center is described along with various Methods and mechanisms for administering the same. The contact center proposed herein provides the ability to, among other things, determine an estimated wait time for contacts waiting to be serviced by resources of the contact center without relying on the traditional First-In-First-Out behavior of contact centers.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3636/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : GROUPING OF CONTACT CENTRE AGENTS

(51) International classification	:H04L 29/08	(71)Name of Applicant :
(31) Priority Document No	:13/115,657	1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(32) Priority Date	:25/05/2011	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)FAGUNDES, LUCIANO GODOY 2)MORAN, THOMAS 3)KOHLER, JOYLEE E. 4)FLOCKHART, ANDREW D. 5)STEINER, ROBERT C 6)YAMANNAPPA, VEERANNA A. 7)KHAN, MOHAMMAD 8)DESAI, DHAVAL
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Agents in a contact center are grouped dynamically by defining performance metrics against which agents are to be judged, and generating an evaluation score for each of a number of agents by comparing their actual performance data to the defined performance metrics. Agents are assigned to the groups based on their performance scores. This provides the ability to generate reports and route contacts according to actual agent performance judged relative to user-specified performance metrics. The sizes of groups can be adjusted in real time to take account of actual or anticipated levels of contacts with different requirements, and agents can be reallocated among the resized groups on the fly based on the ranking of their evaluation scores.

No. of Pages : 32 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2011

(21) Application No.3688/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MOVABLE RAIL APPARATUS FOR TRANSFERRING SHIPS AND METHOD OF TRANSFERRING SHIPS USING THE SAME

(51) International classification	:B65G 67/60	(71) Name of Applicant : 1)RA IN HO CO. LTD. Address of Applicant :6 Block Yulchon 1 Industrial Complex Hodu-ri Haeryong-myeon Suncheon-si Jellanam-do 540-856 Republic of Korea
(31) Priority Document No	:10-2011- 0003267	
(32) Priority Date	:12/01/2011	
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor : 1)SHINNREICH RAINER
(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 are a movable rail apparatus for transferring ships and a method of transferring ships using the same. The apparatus includes a main body, a front axle, a rear axle, support bars, side actuators, a support body, a rail and a drive unit. The front axle is provided with wheels so as to be rotatable horizontally and adjustable in height. The rear axle is provided with a wheel so as to be adjustable in height. The side actuators are provided at opposite sides under the main body and move the support bars upwards or downwards. The support body has a wheel and a lift actuator connected to the main body. The rail is moved vertically by the lift actuator. The rail is movable forwards or backwards while the wheel of the support body is put into contact with the rail. The drive unit moves the rail forwards or backwards.

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3663/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : USAGE OF MASKED ETHERNET ADDRESSES BETWEEN TRANSPARENT INTERCONNECT OF LOTS OF LINKS (TRILL) ROUTING BRIDGES

(51) International classification	:H04L 12/56	(71) Name of Applicant : 1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920, U.S.A.
(31) Priority Document No	:13/149, 066	(72) Name of Inventor : 1)KEESARA, SRIKANTH
(32) Priority Date	:31/05/2011	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques herein include systems and methods that extend functionality of transport networks including Transparent Interconnect of Lots of Links (TRILL) networks. Techniques include using a portion of information within transport device address encapsulation headers for purposes other than identifying source and destination device addresses. The system masks a portion of bits in an address header for an address lookup in forwarding tables of a transport network node. The remaining bits in the address field(s) become free bits that can be used for a variety of application purposes, such as flow identifier selection. By using information fields that already exist in encapsulation headers, such techniques provide additional information without increasing packet size or requiring new protocols. Embodiments can combine Equal-cost multi-path routing (ECMP) functionality, Reverse Path Forwarding (RPF) checks, and Time to live (TTL) protection at the same time.

No. of Pages : 63 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2012

(21) Application No.374/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD AND AN APPARATUS FOR HANDING OFF AN ACCESS TERMINAL □

(51) International classification	:□04W 36/14
(31) Priority Document No	:60/691,869
(32) Priority Date	:16/06/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006□023507
Filing Date	:16/06/2007
(87) International Publication No	:WO/2006/138575
(61) Patent of Addition to Application Number	:NA NA
Filing Date	
(62) Divisional to Application Number	:2246/MUMNP/2007
Filed on	:31/12/2007

(71)**Name of Applicant :**

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714

U.S.A.

(72)**Name of Inventor :**

1)HORN Gavin Bernard

2)GILLIES Donald William

(57) Abstract :

Methods of handing off an access terminal in a meshed wireless system is disclosed. Data that is received by an access point in the meshed wireless system may be routed to an access terminal via a downstream serving access point. The access point may also be configured to communicate a connection state of the access terminal to a target access point if a handoff of the access terminal from the serving access point to the target access point is requested.

No. of Pages : 31 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.380/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INDUCTIVE PATH MEASUREMENT DEVICE

(51) International classification	:G01B 7/00
(31) Priority Document No	:202011000401.5
(32) Priority Date	:22/02/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROLLAX GMBH & CO. KG

Address of Applicant :MAX-PLANCK-STR. 21, 32107 BAD SALZUFLEN, GERMANY

(72)Name of Inventor :

1)RALF MOENKEMOELLER

(57) Abstract :

An inductive path measurement device having a sensor coil (12), a plunger (18) that is movable relative to the sensor coil, a compensation coil (14) arranged coaxially with the sensor coil (12) and connected in series therewith for compensating noise voltages that are induced in the sensor coil (12) by external magnetic fields, and a measurement circuit for measuring the inductance of the sensor coil and the compensation coil as dependent upon the path of the plunger (18), wherein the compensation coil (14) encircles a larger area (A2) than the sensor coil and has a smaller number of turns than the latter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.381/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INDUCTIVE PATH MEASUREMENT DEVICE

(51) International classification	:G01B 7/00
(31) Priority Document No	:20 2011000403.1
(32) Priority Date	:22/02/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROLLAX GMBH & CO. KG

Address of Applicant :MAX-PLANCK-STR. 21, 32107 BAD SALZUFLEN, GERMANY

(72)Name of Inventor :

1)RALF MOENKEMOELLER

(57) Abstract :

An inductive path measurement device having a sensor coil (12), a plunger that is movable relative to the sensor coil, a compensation coil (14) arranged coaxially with the sensor coil (12) and connected in series therewith for compensating noise voltages that are induced in the sensor coil (12) by external magnetic fields, a measurement circuit (20) for measuring the inductance of the sensor coil and the compensation coil as dependent upon the path of the plunger (18), and an electronic processing and control unit (28) for calculating the path, which the plunger (18) has travelled, as a function of the measured inductance, wherein the processing and control unit (28) is configured to change the circuit configuration (52) of the compensation coil (14) in accordance with the measured path of the plunger (18).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/02/2012

(21) Application No.403/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BOUND BLOCK OF DETACHABLE SHEETS AND MANUFACTURE METHOD THEREFOR

(51) International classification	:B42D 1/00
(31) Priority Document No	:61/446,063
(32) Priority Date	:24/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CYPRIS, ALON

Address of Applicant :SHLAVIM 24, TAL-AVIV 68168,
ISRAEL.

(72)Name of Inventor :

1)EDWARDS, ROBERT

(57) Abstract :

A bound block of detachable sheets is disclosed. The bound block of detachable sheets includes a plurality of individual sheets, the edges of which are aligned. The individual sheets are bound to a binding sheet, which is furnished with an adhesive. The butt-edges of the individual sheets are adherent to the binding sheet, forming the block. A bracket is introduced onto the bound block, effectively restricting the bound block from over-opening.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/02/2012

(21) Application No.403/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SELF ADHESIVE LABEL - ENVELOPE (SEALED IN ROLL)

(51) International classification	:B32B 38/10
(31) Priority Document No	:20090100432
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Greece
(86) International Application No	:PCT/GR2010/000034
Filing Date	:29/07/2010
(87) International Publication No	:WO/2011/012911
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TZANNINI Angeliki

Address of Applicant :5 Antoniou fix Str 151 21 Pefki Attiki
Greece

(72)Name of Inventor :

1)TZANNINI Angeliki

(57) Abstract :

The product Self-adhesive Label - Envelope (sealed in a roll) (3) is a self adhesive envelope in roll (1) that includes a sticker or a simple card (2) completely enclosed that does not have any contact with the exterior environment of the self-adhesive envelope. The production of the product The product Self-adhesive Label - Envelope (sealed in a roll) (3) is produced with a single pass on a printing machine of self adhesive labels in a roll (4) which apart from the printing stations has the possibility of opening the self-adhesive material two times - one for printing and destroying the adhesive and one for inverted (5) and internal cutting at least two cylindrical stations of die cutting [for right and inverted cutting (5) (the station for inverted cutting should also have a rewinding unit for waste) and a station for cold lamination with a unit for the destruction of adhesive.

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2012

(21) Application No.404/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PRESSURE SENSITIVE USER INTERFACE FOR MOBILE DEVICES

(51) International classification	:G06F 3/041
(31) Priority Document No	:12/551,543
(32) Priority Date	:30/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044641
Filing Date	:06/08/2010
(87) International Publication No	:WO/2011/025643
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

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5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)FORUTANPOUR Babak

2)SAEED Salman

(57) Abstract :

Virtual keypads are provided which determine an intended user key entry based upon location of keystrokes as well as other keystroke characteristics such as keystroke shape and/or pressure. Virtual keypad layouts which include overlapping or multi-character keys may be used to reduce typing errors on small pressure sensing touch screens. Keystrokes on overlapping or multi-character keys may be disambiguated using measured pressures applied to the pressure sensing touch screen as well as other keystroke characteristics such as keystroke shape. Additional user interfaces are provided which exploit pressure sensing touch screen capable of discriminating magnitudes of pressure exerted upon the touch screen surface.

No. of Pages : 76 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2012

(21) Application No.405/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : VEHICLE CONTROL APPARATUS

(51) International classification	:F02D 19/06,F01N 3/20	(71) Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota-cho Toyota-shi Aichi 471-8571 Japan
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)NAKAYAMA Yusuke
(33) Name of priority country	:NA	
(86) International Application No	:PCT/JP2010/057887	
□ □ Filing Date	:10/05/2010	
(87) International Publication No	:WO/2011/141985	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vehicle control apparatus (100) is mounted on a vehicle (1) provided with: an engine (10) which can use a first fuel and a second fuel in which emission is lower than that of the first fuel; a fuel changing device (21 23 31) capable of changing between the first fuel and the second fuel and supplying it to the engine; and a catalyst (13) placed in an exhaust system (12) of the engine. The vehicle control apparatus is provided with: a catalyst deterioration detecting device (31) capable of performing detection of deterioration of the catalyst; and a controlling device (31) for controlling the catalyst deterioration detecting device to perform the detection of the deterioration when an operating range of the vehicle corresponds to an operating range suitable for the detection of the deterioration and when the first fuel is supplied to the engine by the fuel changing device.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.379/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INDUCTIVE PATH MEASUREMENT DEVICE

(51) International classification	:G01B 7/00
(31) Priority Document No	:202011000405.8
(32) Priority Date	:22/02/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)RALF MOENKEMOELLER

(57) Abstract :

An inductive path measurement device having a sensor coil (12), a plunger (18) that is movable relative to the sensor coil, a measurement circuit for measuring the inductance of the sensor coil as dependent upon the path of the plunger (18), and an electronic processing and control unit for calculating the path, which the plunger (18) has travelled, as a function of the measured inductance, wherein a temperature sensor is provided for measuring the temperature of the plunger (18) and the processing and control unit (28) is configured to apply a correction for the temperature of the plunger (18) when calculating the path on the basis of the measured inductance.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2012

(21) Application No.408/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHODS AND APPARATUS FOR COMMUNICATING BY VIBRATING OR MOVING MOBILE DEVICES□

(51) International classification	:H04Q 7/20
(31)□Priority Document No	:12/551,549
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047304
Filing Date	:31/08/2010
(87) International Publication No	:WO/2011/026099
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)LEE Changkee

2)SPRIGG Stephen A.

(57) Abstract :

Methods and systems enable mobile devices to receive communications and inform users about received communications by vibrating based on a vibration pattern. The mobile device may inform a user about the type of communication the identity of the communicator and the content of a message by generating vibrations according to preset vibration patterns. Vibration patterns may be implemented according to Morse code. The mobile device may also receive commands and instructions from the user in the form of accelerations (e.g. tapping or patting) of the mobile device. The mobile device may translate the accelerations into acceleration pattern data which may be compared to stored patterns or templates to determine a corresponding command. The mobile device may execute the command and verify the execution.

No. of Pages : 65 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2012

(21) Application No.409/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING APPLICATION INTERFACE PORTIONS ON PERIPHERAL COMPUTER DEVICES□

(51) International classification	:G06F 9/44
(31) Priority Document No	:12/558,936
(32) Priority Date	:14/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No □ Filing Date	:□CT/US2010/048786 :14/09/2010
(87) International Publication No	:WO/2011/032152
(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)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

- 1)FORUTANPOUR Babak**
- 2)STERN Ronen**
- 3)LINSKY Joel**
- 4)ABRAHAMSON Kurt W.**

(57) Abstract :

The methods and devices enable displaying image portions generated on a first computing device on a second computing device. A master helper app on the first device receives user content selections and computes bounding boxes on each. The master helper app may expand the system frame buffer to hold the selected content and cause the windows manager to direct applications to draw contents into the expanded frame buffer. The master helper app may invoke a slave helper app on the second device to receive the frame buffer contents. The slave helper app stores the received display data in a frame buffer so the image is displayed. Resizing blending and partitioning processing of display content can be accomplished on either the first or second devices or on a third proxy device. Keystrokes on the second device can be translated into commands executed on the first device.

No. of Pages : 86 No. of Claims : 101

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.41/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AUTOMATIC CHARGING STATION FOR ELECTRIC VEHICLES AND CHARGING METHOD THEREOF

(51) International classification	:H02J 7/00
(31) Priority Document No	:201120025527.1
(32) Priority Date	:26/01/2011
(33) Name of priority country	:China
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

1)SUNYEN CO., LTD.

Address of Applicant :5F, NO.212, RUEIGUANG ROAD,
TAIPEI, TAIWAN

(72)**Name of Inventor :**

1)YU-TA TU

(57) Abstract :

The charging station of the invention employs an RFID system to read out charging conditions of the electric vehicle to be charged. The charging conditions are sent to a console. The console controls an automatic charging mechanism to charge the electric vehicle to be charged according to the charging conditions. The automatic charging mechanism automatically detects the location of the charging port of the electric vehicle to be charged and controls a robot hand to connect the charging port. An automatic payment mechanism may be activated after charge has been completed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3609/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TRANSMISSION FOR A MOTOR VEHICLE AND METHOD FOR CONTROLLING SUCH A TRANSMISSION.

(51) International classification	:G06F 17/00	(71) Name of Applicant :
(31) Priority Document No	:102011000151.4	1)FEV GMBH
(32) Priority Date	:14/01/2011	Address of Applicant :NEUENHOFSTR. 181 D-52078
(33) Name of priority country	:Germany	AACHEN GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GEREON HELLENBROICH
(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 :

Transmission for a motor vehicle, comprising a first input shaft 1, which is drive-wise connectable via a first clutch K1 to a drive motor, a second input shaft 2, which is drive-wise connectable via a second clutch K2 to the drive motor, a first output shaft 3 to be connected to a power train for driving the wheels of a motor vehicle, which first output shaft 3 is drive-wise connectable via at least one pair of gears II,X to the first input shaft 1 and via at least one pair of gears IV, VIII to the second input shaft 2, and a parallel shaft 14, which is drive-wise connected via a pair of gears VI to the first input shaft 1 and which is drive-wise connectable via at least one pair of transfer gears T1, T2 to the second input shaft 2, wherein the parallel shaft 14 can be coupled via a coupling arrangement D to a second output shaft 18, which second output shaft is connectable to the power train of the motor vehicle.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3652/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BLOW VALVE FOR THE EXPANSION OF PLASTICS MATERIAL CONTAINERS

(51) International classification	:B29C 49/00	(71) Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRÄBE 5 93073 NEUTRABLING GERMANY
(31) Priority Document No	:10 2011 008 173.9	(72) Name of Inventor : 1)JOSEF KNOTT 2)EDUARD HANDSCHUH
(32) Priority Date	:10/01/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a blow valve (1) for changing a flow rate of an operation gas in an operation gas communication path (2), which comprises at least one blow valve body (4), an aseptic first receiving space (6) constructed in the blow valve body (4) and having at least one entry opening (8) and at least one exit opening (10) for receiving and conveying an operation gas, and a second receiving space (12) constructed in the blow valve body (4) for the guidance of a setting member (14), in particular a piston element (16). According to the invention a sealing means (18) which completely prevents an exchange of gas between the first receiving space (6) and the second receiving space (22) is arranged between the first receiving space (6) and the second receiving space (12), wherein the sealing means (18) has a stationary part (20) for fixing to the blow valve body (4) and a movable part (22) for changing the flow rate of the operation gas, wherein the setting member (14) is surrounded in part by the sealing means (18) and is coupled to the movable portion (22) in order to move the latter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3696/MUM/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A CARRIER FOR SILVER CATALYST, ITS PREPARATION, A SILVER CATALYST MADE FROM THE SAME AND ITS USE

(51) International classification	:C07D 301/10	(71)Name of Applicant :
(31) Priority Document No	:201010622856.4	1)CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :22 CHAOYANGMEN NORTH STREET, CHAOYANG DISTRICT, BEIJING 100 728, P.R. CHINA
(32) Priority Date	:29/12/2010	2)BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION.
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)LI, JINBING 2)LI, XIANFENG 3)LIN, WEI 4)LIN, QIANG 5)CHEN, JIANSHE 6)ZHANG, ZHIXIANG 7)CAO, SHUYUAN 8)WANG, SHUJUAN 9)DAI, WUJUN
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an alumina carrier for silver catalyst, a process for preparing said alumina carrier, a silver catalyst made from said alumina carrier, and a use of said silver catalyst in the production of ethylene oxide by the oxidization of ethylene. Said alumina carrier contains not only alumina and promoters, but also titanium silicate molecular sieve(s). and therefore has an improved catalytic activity.

No. of Pages : 21 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2012

(21) Application No.419/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CONTINUOUS PROCESS FOR MANUFACTURING ALIPHATIC POLYCARBONATE FROM CARBON DIOXIDE AND EPOXIDE COMPOUNDS

(51) International classification	:C08G 64/34	(71) Name of Applicant : 1)SK INNOVATION CO. LTD. Address of Applicant :99 Seorin-dong Jongno-gu Seoul 110-110 Republic of Korea
(31) Priority Document No	:10-2009-0083012	(72) Name of Inventor :
(32) Priority Date	:03/09/2009	1)CHANG Byoung Mu
(33) Name of priority country	:Republic of Korea	2)MOON Gwang Bin
(86) International Application No	:PCT/KR2010/005996	3)OK Myung Ahn
Filing Date	:03/09/2010	4)JEONG Ji Su
(87) International Publication No	:WO/2011/028056	5)YOO Ji Eun
(61) Patent of Addition to Application Number	:NA	6)CHOI Sun
Filing Date	:NA	7)KIM Hong Dae
(62) Divisional to Application Number	:NA	8)SUJITH Sudevan
Filing Date	:NA	9)SHIN Dae Ho
		10)LEE Jae Ho
		11)LEE Seong Jun
		12)KIM Gyung Rok
		13)PARK Min Gyoo
		14)LEE Jang Jae

(57) Abstract :

Disclosed is a continuous process for manufacturing aliphatic polycarbonate by polymerizing carbon dioxide and one or more epoxide compound in the presence of catalyst in which carbon dioxide one or more epoxide compound and the catalyst are continuously supplied to polymerization reactor to produce aliphatic polycarbonate separate unreacted carbon dioxide and epoxide compound and recycle them as raw materials.

No. of Pages : 40 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2012

(21) Application No.410/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : USER INTERFACE METHODS PROVIDING SEARCHING FUNCTIONALITY

(51) International classification	:G06F 3/048
(31) Priority Document <input type="checkbox"/> o	:12/551,367
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044639
Filing Date	:06/08/2010
(87) International Publication No	:WO/2011/025642
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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U.S.A.

(72)Name of Inventor :

1)HORODEZKY Samuel J.

2)TSOI Kam-Cheong Anthony

(57) Abstract :

Methods and devices provide an efficient user interface for activating a function by detecting a tickle gesture on a touch surface of a computing device. The tickle gesture may include short strokes in approximately opposite directions traced on a touch surface such as a touchscreen or touchpad. The activated function may open an application or activate a search function. The index menu item may change based on the location and/or movement of the touch on the touch surface. Such functionality may show search results based on the menu item displayed before the users finger was lifted from the touch surface.

No. of Pages : 60 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2012

(21) Application No.411/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) □title of the invention : SYSTEM AND METHOD OF CONTROLLING POWER IN A MULTI-THREADED PROCESSOR□

(51) International classification	:G06F 9/46
(31) Priority Document No	:11/167,973
(32) Priority Date	:27/06/2005
(33) Name of priority country□	:U.S.A.
(86) International Application No	:PCT/US2006/025299
Filing Date	:27/06/2006
(87) International Publication No	:WO/2007/002801
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:56/MUMNP/2008
Filed on	:10/01/2008

(71)**Name of Applicant :**

1)QUALCOMM INCORPORATED

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(72)**Name of Inventor :**

1)ANDERSON William Carroll

(57) Abstract :

A multithreaded processor device is disclosed and includes a plurality of execution units to execute a plurality of program threads and includes a global low power detection circuit. The global low power detection circuit includes an input that is responsive to each of the plurality of program threads. The input indicates an execution activity level for each of the plurality of program threads. The global low power detection circuit further comprises logic to evaluate the activity level of each of the plurality of program threads. The logic provides a power level signal. Additionally the global low power detection circuit includes an output that is responsive to the power level signal. The output is coupled to one or more global resources within the multithreaded processor and the output selectively controls an amount of power provided to the one or more global resources.

No. of Pages : 44 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/02/2012

(21) Application No.422/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A PREREADING METHOD AND SYSTEM FOR A WEB BROWSER

(51) International classification	:H04L 29/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2011/071915
Filing Date	:17/03/2011
(87) International Publication No	:WO/2012/122718
(61) Patent of Addition 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)Jie LIANG

2)Weiran JIANG

(57) Abstract :

The present invention relates to the field of Web browser technology particularly to a prereading method and system for a Web browser the method comprising: submitting by a Web browser client a first Web page visiting request to a target server and uploading an individual browsing record characteristic of the first Web page; forming by a transfer server a prereading policy according to the received individual browsing record characteristic of the first Web page and the stored at least one swarm browsing record characteristic of the first Web page; acquiring by the transfer server a Web page from the target server according to the prereading policy and sending the Web page to the browser client for buffering. The present invention makes it possible to preread Web pages according to individual users visiting habits and preferences in combination with mass users visiting history and find out Web pages that a user

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.427/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ASSISTANCE DATA FOR POSITIONING IN MULTIPLE RADIO ACCESS TECHNOLOGIES□

(51) International classification	:G01S 5/10
(31) Priority Document No	:61/234,196
(32) Priority Date	:14/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045554
Filing Date	:14/08/2010
(87) International Publication No	:WO/2011/020083
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)ROWITCH Douglas N.

2)EDGE Stephen W.

3)TENNY Nathan E.

(57) Abstract :

An apparatus and method for determining a position of a mobile station based on terrestrial assistance data from a first wireless network to which the mobile station is not attached. That is the mobile station is able to receive terrestrial assistance from a first wireless network and use the terrestrial assistance data to obtain location information such as timing measurements from the first wireless network and determine its position while not attached to the first wireless network. The first wireless network may be a network to which the mobile station is subscribed and can attach.

No. of Pages : 60 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2012

(21) Application No.418/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : APPARATUS FOR PRODUCING MULTICRYSTALLINE SILICON INGOTS BY INDUCTION METHOD

(51) International classification	:C30B 29/06	(71) Name of Applicant :
(31) Priority Document No	:a 2009 07630	1)PILLAR LTD.
(32) Priority Date	:20/07/2009	Address of Applicant :1 Magnitogorska Str. office 404 Kiev 02660 Ukraine
(33) Name of priority country	:Ukraine	2)TESYS LIMITED
(86) International Application No	:PCT/UA2010/000045	3)SILICIO SOLAR S.A.U.
Filing Date	:19/07/2010	(72) Name of Inventor :
(87) International Publication No	:WO/2011/010982	1)BERINGOV Sergii
(61) Patent of Addition to Application Number	:NA	2)ONISCHENKO Volodymyr
Filing Date	:NA	3)SHKULKOV Anatoly
(62) Divisional to Application Number	:NA	4)CHERPAK Yuriy
Filing Date	:NA	5)POZIGUN Sergii
		6)MARCHENKO Stepan
		7)CHEPURNYY Bogdan

(57) Abstract :

An apparatus for producing multicrystalline silicon ingots by the induction method comprises an enclosure which includes means for start-up heating of silicon and a cooled crucible enveloped by an inductor. The crucible has a movable bottom and four walls consisting of sections spaced apart by vertically extending slots means for moving the movable bottom and a controlled cooling compartment arranged under the cooled crucible.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.432/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TIRE VULCANIZER

(51) International classification	:B29C 33/02
(31) Priority Document No	:2011-040720
(32) Priority Date	:25/02/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/060741
Filing Date	:10/05/2011
(87) International Publication No	:WO/2012/114542
(61) 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.

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 108-8215, Japan

(72)Name of Inventor :

1)KOJI SHINTANI

(57) Abstract :

To provide a tire vulcanizer capable of solving problems of an electrical heating platen, which relate to the deformation at the time of tire vulcanization and to the replacement of the platen. The tire vulcanizer vulcanizes and molds a green tire placed in an outer mold by heating the green tire from the outer side and the inner side of the green tire, and is featured by including an electric platen (10) which is arranged to be in contact with each of the upper and lower sides of a container with the green tire placed therein, or to be embedded in each of the upper and lower portions of the container, so as to heat the green tire from the outside of the outer mold at the time of vulcanization, and which is formed into a doughnut-like disc shape and divided into a plurality of sections in the circumferential direction of the platen (10).

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2012

(21) Application No.433/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CIRCUIT ARRANGEMENT

(51) International classification	:B60T 8/88
(31) Priority Document No	:102011004544.9
(32) Priority Date	:22/02/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SEMIKRON ELEKTRONIK GMBH & CO. KG

Address of Applicant :SIGMUNDSTRASSE 200, 90431
NUERNBERG, GERMANY

(72)Name of Inventor :

1)OLIVER OLBRICH

2)MARKUS GRUBER

3)RAINER POPP

4)MARCO LEDERER

(57) Abstract :

A description is given of a circuit arrangement (10), comprising an insulating material body (12), which has, on a main surface (18), a circuit-structured metal layer (20) and at least one power semiconductor component (22) fitted thereon, and comprising a ply (32) of an insulation compound (33), this ply being fitted on the insulating material body (12) and following the surface contour (34) of the insulating material body (12) with the at least one power semiconductor component (22) fitted thereon, wherein a metal layer frame (38) extends circumferentially along the edge region (36) of the main surface (18) of the insulating material body (12) having the circuit-structured metal layer (20), said metal layer frame being spaced apart from the edge (40) of the circuit-structured metal layer (20) by a trench (42). A dam bead (44) composed of a potting material (46) fills the circumferentially extending trench (42), wherein the dam bead (44) is provided for delimiting the ply (32) composed of the insulation compound (33) and extends between the metal layer frame (38) and the edge (40) of the circuit-structured metal layer (20).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2012

(21) Application No.434/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR REMOVING AT LEAST ONE CHIP-TYPE SEMICONDUCTOR COMPONENT FROM A FILM

(51) International classification	:B32B 38/10	(71) Name of Applicant :
(31) Priority Document No	:10 2011004287.3	1)SEMIKRON ELEKTRONIK GMBH & CO. KG Address of Applicant :SIGMUNDSTRASSE 200, 90431 NUERNBERG, GERMANY
(32) Priority Date	:17/02/2011	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)ARMIN STUDT
(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 :

Apparatus for removing at least one chip-type semiconductor component 10 from an adhesive film 12, wherein they are arranged on the first main surface of the film, comprising a removal device 20 for said semiconductor components, and comprising a lifting device 30 that can be arranged at the second main surface of the film, wherein said lifting device has a contact surface for arrangement with respect to the film, which has, for its part, a plurality of suction cutouts 50, 52 and cutouts for pin-type lifting means 40, wherein all the suction cutouts are jointly connected to one or at least two suction cutouts or groups of suction cutouts are connected to separate vacuum regulating devices 60,62.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2012

(21) Application No.429/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BLOW MOULDING MACHINE WITH CLEAN ROOM AND STERILISABLY CONNECTED COMPONENTS

(51) International classification	:B29C 49/46	(71) Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRASSE 5, 93073 NEUTRAUBLING, GERMANY
(31) Priority Document No	:10 2011 013 125.6	(72) Name of Inventor : 1)KLAUS VOTH 2)FLORIAN GELTINGER 3)MICHAEL NEUBAUER 4)JUERGEN SOELLNER 5)JOSEF HAUSLADEN 6)EDUARD HANDSCHUH
(32) Priority Date	:04/03/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device (1) for transforming plastic parisons (10) into plastic containers (10a) with a plurality of transforming stations (8) which are disposed on a movable carrier (2), wherein the transforming stations (8) each have blow moulds (4), within which the plastic parisons (10) can be transformed into plastic containers by a supply of a flowable medium (10a), and blow mould supports (6) for holding these blow moulds (4), and wherein the blow mould supports (6) have at least two blow mould support parts (6a) which are movable relative to one another for opening and closing the blow moulds (4), with a clean room (20) which is demarcated with respect to the surroundings (U) by means of at least one wall (18) and which at least partially surrounds the individual transforming stations (8), so that the transforming stations (8) are movable within this clean room (20), and with at least one supply unit (60) in order to supply flowable sterilising medium to at least one region of the transforming stations (8) which are movable within the clean room (20). According to the invention at least one transforming station (8) has at least two components (14, 16) which are permanently fastened to one another in a working operation, and a resilient sealing means (15) is disposed between these components, wherein this sealing means (15) fills a gap formed between these components (14, 16) in such a way that the sealing means (15) can be supplied directly with the sterilising medium.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2010

(21) Application No.436/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A COMPREHENSIVE MANAGEMENT PROCESS FOR PLANNING, MONITORING AND EVALUATING AGGREGATE GROWTH THROUGH NETWORKING AND INNOVATION

(51) International classification	:G06Q 10/00	(71) Name of Applicant : 1)JAKHOTIYA, GIRISH PANNAL Address of Applicant :702, YASHWANT APARTMENT, CHITTARANJAN ROAD, VILE PARLE (EAST), MUMBAI- 400 057. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)JAKHOTIYA, GIRISH PANNAL
(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 comprehensive management process for planning, monitoring and evaluating Aggregate Growth through Networking and Innovation comprising the steps of Enquiring into the overall performance of the organization; Deciding the present status of the organization; Strategic Planning; Monitoring of the Strategy Implementation and Financial Measurement of Results,

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.440/MUM/2010 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL CREAM AND A PROCESS TO MAKE THE SAME.

(51) International classification	:A61K/03	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MR. SULUR,SUBRAMANIAM VANANGAMUDI
(32) Priority Date	:NA	Address of Applicant :NO:29,VGP LAYOUT,4TH ROAD,
(33) Name of priority country	:NA	INJAMBAKKAM,CHENNAI-600 041, TAMIL NADU STATE,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MR. SULUR,SUBRAMANIAM VANANGAMUDI
(61) Patent of Addition to Application Number	:NA	2)MR. SRINIVASAN,MADHAVAN
Filing Date	:NA	3)MR. CHULLIEL,NEELAKANDAN NARAYANAN
(62) Divisional to Application Number	:NA	4)MR. KAUSIK GHOSH
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a medicinal composition for treating skin inflammations, fungal/bacterial skin infections and related wounds, and also other skin wounds including those caused by burns. The cream also causes skin rejuvenation through an epithelisation process. The cream comprises Chitosan, Clobetasol Propionate, Oxiconazole Nitrate and Fusidic acid. The invention also discloses a process to make the medicinal cream containing Fusidic Acid which is formed in situ from Sodium Fusidate as the starting raw material, wherein Sodium Fusidate is converted into Fusidic Acid under oxygen-free environment created using inert gas, preferably nitrogen, and Chitosan. The cream produced by the process of the present invention has greater shelf-life stability and the finer particle size of the API than the conventional creams containing Fusidic Acid. The cream produced by the process of the present invention contains Fusidic Acid as the API that has been formed in situ from Sodium Fusidate, Clobetasol Propionate and Oxiconazole Nitrate in a cream base comprising a preservative, an acid, a co-solvent, an emulsifier and a waxy material along with water, preferably purified water.

No. of Pages : 96 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2012

(21) Application No.421/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS FOR PRODUCING OF MULTICRYSTALLINE SILICON INGOTS BY INDUCTION METHOD

(51) International classification	:C30B 11/00	(71) Name of Applicant :
(31) Priority Document No	:a 2009 08864	1)PILLAR Ltd.
(32) Priority Date	:25/08/2009	Address of Applicant :1 Magnitogorska Str. office 404 Kyiv 02660 Ukraine
(33) Name of priority country	:Ukraine	2)TESYS LIMITED
(86) International Application No	:PCT/UA2010/000053	3)SILICIO SOLAR S.A.U.
Filing Date	:20/08/2010	(72) Name of Inventor :
(87) International Publication No	:WO/2011/025468	1)BERINGOV Sergii
(61) Patent of Addition to Application Number	:NA	2)ONISCHENKO Volodymyr
Filing Date	:NA	3)SHKULKOV Anatoly
(62) Divisional to Application Number	:NA	4)CHERPAK Yuriy
Filing Date	:NA	5)POZIGUN Sergii
		6)MARCHENKO Stepan
		7)SHEVCHUK Andrii

(57) Abstract :

A process for the production of multicrystalline silicon ingots by the induction method comprises charging a silicon raw material into the melting chamber of a cooled crucible enveloped by an inductor forming a melt surface and melting wherein the mass rate of charging the silicon raw material and the speed of pulling the ingot are set such that provide for the melt surface position below the upper plane of the inductor but not lower than 1/3 of the height thereof and the melt surface is kept at the same level. In doing this the melt surface position is kept at the same level by maintaining one of the output parameters of the inductor feed within a predetermined range. The process provides for casting multicrystalline silicon ingots suitable for solar cell fabrication and it is notable for higher efficiency and lower specific energy consumption

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.441/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHODS AND APPARATUS FOR DERIVING&NBSP; COMMUNICATING AND/OR VERIFYING OWNERSHIP OF EXPRESSIONS□□

(51) International classification	:H04M 1/64
(31) Priority Document No	:12/540,982
(32) Priority Date	:13/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044281
Filing Date	:03/08/2010
(87) International Publication No	:WO/2011/019549
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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U.S.A.

(72)Name of Inventor :

1)HADDAD Wassim Michel

2)TSIRTSIS Georgios

3)PARK Vincent D.

(57) Abstract :

Methods and apparatus for generating communicating and/or verifying ownership of expressions are described. Various embodiments are well suited for use in a wireless peer to peer communications systems in which expressions are communicated e.g. broadcast in discovery intervals. A first communications device generates an expression from a first public key and an additional input said first public key corresponding to a private key known to said first communications device. The first device transmits the generated expression on a communications channel used for discovery. A second communications device receives the transmitted expression from the first device. The second device transmits a request signal to the first device associated with the expression; and receives from the first device a signed communication signed using a private key known to said first communications device. The second device uses information from the signed communication to determine if said first communication device owns said expression.

No. of Pages : 48 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.442/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MATERIAL AND GLAZING COMPRISING SAID MATERIAL□

(51) International classification	:C03C 17/34
(31) Priority Document No	:0956096
(32) Priority Date	:08/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051852
Filing Date	:07/09/2010
(87) International Publication No	:WO/2011/030049
(61) Patent of Addition 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)KHARCHENKO Andriy

3)MAUVERNAY Bruno

4)THOLLAS Emilie

5)SANDRE-CHARDONNAL Etienne

6)GILLET Pierre-Alain

7)BILLERT Ulrich

(57) Abstract :

The subject of the invention is a material comprising a glass substrate coated on at least one of its faces with a thin-film multilayer comprising starting from said substrate at least one lower dielectric layer at least one functional layer made of a metal or metal nitride at least one upper dielectric layer and at least one layer of titanium oxide at least partially crystallized in the anatase form said metal or metal nitride being based on Nb NbN W WN Ta TaN or any of their alloys or solid solutions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.443/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SECURING PAIRING VERIFICATION OF DEVICES WITH MINIMAL USER INTERFACES□

(51) International classification	:H04L 9/32
(31) Priority Document No	:12/551,536
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047299
Filing Date	:31/08/2010
(87) International Publication No	:WO/2011/026097
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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U.S.A.

(72)**Name of Inventor :**

1)TEAGUE Edward Harrison

(57) Abstract :

A method system and devices for enabling secure pairing between two communication devices equipped with a minimal user interface includes determining a verification pattern based upon security information exchanged between the two communication devices and presenting the verification pattern in a manner that can be perceived by a user who can determine whether the verification patterns are the same. The verification patterns may be presented as flashing light displays such as flashing sequences of a light emitting diode or as sounds such as tones or click patterns emitted by a speaker. If a user perceives that the verification patterns emitted by both communication devices are the same the user may so indicate by pressing a button on each of the devices. Obtaining such user confirmation of the verification patterns enables establishing a secure pairing between the two communication devices that is protected from active and passive eavesdropping.

No. of Pages : 40 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.437/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METAL SEPARATOR PLATE FOR FUEL CELL HAVING COATING FILM FORMED ON SURFACE AND METHOD FOR PRODUCING SAME

(51) International classification	:H01M 8/02	(71) Name of Applicant :
(31) Priority Document No	:10-2009-0077832	1)HYUNDAI HYSKO
(32) Priority Date	:21/08/2009	Address of Applicant :265 Yeompo-dong Buk-gu Ulsan 683-711 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:PCT/KR2010/005525	1)JEON Yoo-Taek
Filing Date	:20/08/2010	2)KIM KI-Jung
(87) International Publication No	:WO/2011/021881	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a method for producing a metal separator plate for a fuel cell having outstanding corrosion resistance and electrical conductivity not only initially but also even after long-term use in a fuel-cell operating environment. The method for producing a metal separator plate for a fuel cell according to the present invention comprises the steps of: preparing a stainless steel plate parent material; forming a non-continuous coating film of at least one of gold (Au), platinum (Pt), ruthenium (Ru), iridium (Ir), ruthenium oxide (RuO₂) and iridium oxide (IrO₂) on the surface of the stainless steel plate parent material; and subjecting the stainless steel plate, on which the non-continuous coating film has been formed, to a heat treatment and thereby forming an oxide film on the area where the coating film was not formed. Also provided is a metal separator plate for a fuel cell having a coating film formed on the surface, produced by means of the method.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.438/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR GENERATING ELECTRICITY AND METHOD OF FABRICATION THEREOF

(51) International classification	:H02N 3/00, H01J 45/00	(71) Name of Applicant : 1)Landa Labs (2012) Ltd. Address of Applicant :P. O. Box 2418 76123 Rehovot ISRAEL.
(31) Priority Document No	:PCT/IL2009/000831	
(32) Priority Date	:27/08/2009	
(33) Name of priority country	:Argentina	
(86) International Application No Filing Date	:PCT/IL2010/000704 :26/08/2010	
(87) International Publication No	:WO/2011/024173	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	(72) Name of Inventor : 1)LANDA Benzion 2)YAYON Yosef 3)ABRAMOVICH Sagi 4)OFIR Asher 5)RUBIN BEN-HAIM Nir 6)LION Amir
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Particulated structures and their method of manufacture for use in an electrical generator employing gas-mediated charge transfer are disclosed. The structures comprise a multiplicity of particles which contain voids between first and second opposing surfaces of said particles. At least a portion of said opposing surfaces are modified such that the charge transferability of said first opposing surfaces differs from the charge transferability of said second opposing surfaces.

No. of Pages : 116 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.439/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM PRODUCT FOR BROADCAST CHANNEL DECODING□

(51) International classification	:H04L 1/00
(31) Priority Document No	:61/230,668
(32) Priority Date	:31/07/2009
(33) Name□of pri□rity country	:U.S.A.
(86)□International Application No Filing Date	:PCT/US2010/044024 :30/07/2010
(87) International Publication No	:WO/2011/014841
(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)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
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U.S.A.

(72)Name of Inventor :

1)LUO Tao

2)YOO Taesang

3)SEONG Kiboom

(57) Abstract :

Techniques for reliable channel decoding in a wireless network are provided. In one aspect a wireless device receives system information over a physical broadcast channel of a downlink transmission. The wireless device decodes the physical broadcast channel of a current radio frame using a plurality of hypotheses until the decoding passes a cyclic redundancy check. Thereafter the wireless device compares system information from the current radio frame with information obtained from a previous radio frame. The information from the previous radio frame may include one or more network parameters which may be stored in a memory of the wireless device. In some aspects the comparison may be performed over a plurality of radio frames. Based at least in part on a result of the comparing the wireless device may selectively reject system information from one or more of the radio frames.

No. of Pages : 72 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/02/2012

(21) Application No.448/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ARTICULATED ROBOT WRIST.

(51) International classification	:B25G 19/00
(31) Priority Document No	:TO2011A000156
(32) Priority Date	:24/02/2011
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COMAU S.P.A.

Address of Applicant :VIA RIVALTA 30, I-10095
GRUGLIASCO(TORINO) ITALY

(72)Name of Inventor :

1)AMPARORE MAURO

2)PERNECHELE GIORGIO

3)PAPARELLA GIUSEPPE

(57) Abstract :

An articulated robot wrist (10), comprising: a first body (12) comprising a first and a second end, said first end of said first body (12) being intended to be mounted on a robot component that is rotatable around a first axis (IV) , - a second body (14) comprising a first and a second end, said first end of said second body (14) being rotatably mounted on said second end of said first body (22), around a second axis (V) inclined with respect to said first axis (IV), - a third body (16) comprising a first and a second end, said first end of said third body being rotatably mounted on said second end of said second body (24) , around a third axis (VI) inclined with respect to said second axis (V) , - wherein said first and third axes (IV, VI) are both substantially orthogonal to said second axis (V) , and wherein in at least one position of said robot wrist said first and third axes are substantially aligned with each other.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.440/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : POWER OPTIMISATION OF A MOBILE DEVICE USING TRANSMISSION REQUESTS DELAYING BASED ON HISTORICAL USER BEHAVIOR

(51) International classification	:H04W 52/02
(31) Priority Document No	:12/549,343
(32) Priority Date	:27/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045075
Filing Date	:10/08/2010
(87) International Publication No	:WO/2011/025657
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)**Name of Inventor :**

1)MANDYAM Giridhar D

(57) Abstract :

Systems and methods for optimizing the power of a battery in a mobile device are provided. The systems and methods include receiving a request from at least one of a plurality of applications running on the mobile device. The systems and methods further include determining user characteristics from interacting with at least one of the applications and determining a user dwell time threshold based upon the users interactions with an application. The systems and methods further include buffering requests if the user dwell time is less than the user dwell threshold level.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.452/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ORALLY ADMINISTERABLE PHARMACEUTICAL PREPARATION CONTAINING INSULIN

(51) International classification	:A61K 38/17
(31) Priority Document No	:P0900482 (HU)
(32) Priority Date	:03/08/2009
(33) Name of priority country	:Hungary
(86) International Application No	:PCT/IB2010/053499
Filing Date	:02/08/2010
(87) International Publication No	:WO/2011/015984
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CERA-MED KFT.

Address of Applicant :K°tvlgyi u 1 H-4225 Debrecen Hungary

(72)Name of Inventor :

1)Zolt;n Szilv;ssy Dr.

2)Barna Peitl Dr.

3)J;zsef Nmeth Dr.

(57) Abstract :

The subject of the invention is an orally administerable pharmaceutical preparation containing a combination of biotechnologically produced human recombinant insulin and/or modified insulin or an analogue and/or derivative thereof a protease inhibitor and a high molecular weight (natural) protein. The invention relates to a method for the production of the pharmaceutical preparation as well. The subject of the invention also covers the use of the pharmaceutical preparation and a method for the treatment of diabetes in mammals

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2012

(21) Application No.453/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : AUTOMATIC APPLICATOR FOR LIQUID PHARMACEUTICAL PREPARATIONS&NBSP;
PARTICULARLY FOR INSULIN

(51) International classification	:A61M 5/315	(71) Name of Applicant : 1)COPERNICUS SP. Z O.O. Address of Applicant :ul. Litewska 10a PL-71-344 Szczecin Poland
(31) Priority Document No	:P.389427	
(32) Priority Date	:30/10/2009	
(33) Name of priority country	:Poland	(72) Name of Inventor : 1)Adam STEFANSKI
(86) International Application No	:PCT/EP2010/054128	
Filing Date	:29/03/2010	
(87) International Publication No	:WO/2010/089418	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automatic applicator for liquid pharmaceutical preparations particularly for insulin more particularly for multiple injection application of set doses of a medicine from an exchangeable container comprising a body housing (1) connected to a housing (2) of an exchangeable container with a medicine particularly insulin having a plunger (12) suitable for expelling the medicine the said plunger (12) being displaced only linearly by means of an integrated driving unit suitable for immobilising driving leading linearly and blocking rotation of the said plunger (12) driven via a double action clutch by a tensioning spring (15) situated in the body housing (1) the said spring (15) tensioned by a rotary hand-dose-setting ring (3) via the same double action clutch unit wherein the said driving unit is activated by a trigger unit (13) and a dose is indicated by an indicating arrangement

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2012

(21) Application No.459/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TEMPERATURE CONTROL SYSTEM FOR A LIQUID

(51) International classification	:F25D 31/00
(31) Priority Document No	:61/240,710
(32) Priority Date	:09/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000740
Filing Date	:07/09/2010
(87) International Publication No	:WO/2011/030339
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)STRAUSS WATER LTD

Address of Applicant :49 HaSivim Street Petach Tikva 49517 ISRAEL.

(72)**Name of Inventor :**

1)WILDER Haim

2)RONEN Rami

3)KRYSTAL Eyal

4)BAR-ON Omri

(57) Abstract :

A temperature control system (400) for a liquid comprises two sets of temperature control elements oppositely disposed to one another and define between them a temperature control zone. A conduit system within the temperature control zone defines a liquid flow path (300 302) that is configured to have one or more first segments in proximity to and in heat-conducting association with one of the two sets and one or more second segments in proximity to and in heat-conducting association with the other of the two sets. The temperature control system (400) may be used as a liquid cooling or heating module in a cold liquid dispensing device or system such as a drinking water or other beverage dispensing device.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.444/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SUBSTRATE PROVIDED WITH A MULTILAYER HAVING THERMAL PROPERTIES; IN PARTICULAR FOR PRODUCING A HEATED GLAZING UNIT

(51) International classification	:C03C 17/36	(71) Name of Applicant :
(31) Priority Document N	:0955744	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:21/08/2009	Address of Applicant :18 Avenue d'Alsace F-92400 Courbevoie France
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/051732	1)LAURENT Stphane
Filing Date	:18/08/2010	2)DRESE Robert
(87) International Publication No	:WO/2011/020974	3)BILLERT Ulrich
(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 substrate (10) especially a transparent glass substrate provided with a thin-film multilayer comprising an alternation of n metallic functional layers (40 80 120) especially of functional layers based on silver or a metal alloy containing silver and of (n + 1) antireflection coatings (20 60 100 140) with n being an integer 3 each antireflection coating comprising at least one antireflection layer (24 64 104 144) so that each functional layer (40 80 120) is positioned between two antireflection coatings (20 60 100 140) characterized in that the thickness ex of each functional layer (80 120) is less than the thickness of the preceding

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.445/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR EVALUATING OUTBOUND MESSAGES□

(51) International classification	:H04L 12/58
(31) Priority Document No	:12/551,503
(32) Priority Date	:31/08/2009
(33) N□me of priority country	:U.□.A.
(86) International Application No	:PCT/US2010/047288
Filing Date	:31/08/2010
(87) International Publication No	:WO/2011/026090
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America.

(72)**Name of Inventor :**

1)TIVYAN Roman

(57) Abstract :

Methods and systems enable evaluating a message prior to transmission to one or more addressees. In an embodiment a message element evaluator applies rules to message field elements which may include message addressee and content elements before the message is transmitted. When a message evaluation rule is violated an alert may be presented to the user. A message evaluation rule may allow the sender to confirm sending of the message initiate editing of the message or cancel the message. A message evaluation rule may also prohibit the message from being sent until the message is modified to conform to the message evaluation rule. The methods and systems may be applied to a variety of message types including electronic mail simple message system multimedia message system and instant message system messages.

No. of Pages : 56 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2012

(21) Application No.461/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PROCESS OF PROVIDING PRESS PLATES WITH A FLOURO-POLYMER IMPREGNATED HARD COATING

(51) International classification	:B29C 43/00	(71) Name of Applicant :
(31) Priority Document No	:12/551,091	1)PERGO (Europe) AB Address of Applicant :Strandridaregatan 8 23125 Trelleborg Sweden
(32) Priority Date	:31/08/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/047267	1)SMITH Patrick
Filing Date	:31/08/2010	
(87) International Publication No	:WO/2011/026082	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process of producing laminate articles comprising coating or plating the press surfaces whether plates or interleaved press plates with a flouro-polymer impregnated hard coating. Typical coatings that can be used with the flouro-polymer including nickel and chrome their combinations and alloys thereof. Advantages of the invention are expected to include better plate life fewer plate cleanings fast press times while supporting lower product cost and better equipment utilization. In addition laminate products include a flouro-polymer as part of the laminate product. The process permits the omission of the so called overlay layer typically an alpha-cellulose layer which overlies hard particles in the upper surface of the laminate while providing increased pressing surface life.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2012

(21) Application No.462/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SUSPENSION INSULATOR AND SUSPENSION INSULATOR GROUP□

(51) International classification	:H01B 17/04
(31) Priority Document No	:200910168508.1
(32) Priority Date	:21/08/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/001259
Filing Date	:19/08/2010
(87) International Publication No	:WO/2011/020304
(61) Patent of Addition 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 :Changguo East Road Zhangdian District Zibo Shandong 255020 China

2)STATE GRID CORPORATION OF CHINA

(72)**Name of Inventor :**

1)TENG Guoli

(57) Abstract :

The present disclosure discloses a suspension insulator and a suspension insulator group. The suspension insulator comprises a silicone rubber umbrella string and a fiber-reinforced resin-based composite rod wherein the silicone rubber umbrella string is arranged on the fiber-reinforced resin-based composite rod. Since the umbrella string is made of silicone rubber and is arranged on the fiber-reinforced resin-based composite rod as compared with porcelain suspension insulator or glass suspension insulator it has a low density and a light weight and may reduce the load of the tower and is convenient to install and remove. The suspension insulator provided by the present disclosure is especially applicable to the field of power transmission.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/02/2012

(21) Application No.449/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ARTICULATED ROBOT WRIST

(51) International classification	:B25G 19/00
(31) Priority Document No	:TO2011A000157
(32) Priority Date	:24/02/2011
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COMAU S.P.A.

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(72)Name of Inventor :

1)AMPARORE MAURO

2)PERNECHELE GIORGIO

3)PAPARELLA GIUSEPPE

(57) Abstract :

An articulated robot wrist (10) comprises: - a first body (12) comprising first and second ends, said first end of the first body (12) being for mounting on a robot component which is rotatable around a first axis (IV), - a second body (14) comprising first and second ends, said first end of the second body (14) being rotatably mounted on said second end of said first body (12) around a second axis (V) inclined with respect to said first axis (IV), - a third body (16) comprising a first and a second end, said first end of the third body being rotatably mounted on said second end of said second body (14) around a third axis (VI) inclined with respect to said second axis (V), - wherein said first and third axes (IV,VI) form an angle substantially of 90° with respect to said second axis (V), and wherein in at least one position of said robot wrist said first and third axes are substantially aligned with each other.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2012

(21) Application No.466/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : HEAT TRANSFER BAFFLE SYSTEM AND USES THEREOF

(51) International classification	:F28F 3/12
(31) Priority Document No	:61/240,029 (US)
(32) Priority Date	:04/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047763
Filing Date	:03/09/2010
(87) International Publication No	:WO/2011/028971
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ABEC INC.

Address of Applicant :3998 Schelden Cir Bethlehem PA
18017-8936 U.S.A.

(72)**Name of Inventor :**

1)KNIGHT Cameron

(57) Abstract :

This disclosure describes an improved heat transfer system for use in reaction vessels used in chemical and biological processes. In one embodiment a heat transfer baffle comprising at least one distribution channel and at least one relief channel are provided. In another embodiment two sub-assemblies comprising said distribution and relief channels adjoined to one another are provided.

No. of Pages : 33 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2012

(21) Application No.467/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION

(51) International classification	:A61J 3/07
(31) Priority Document No	:S2009/0746
(32) Priority Date	:28/09/2009
(33) Name of priority country	:Ireland
(86) International Application No	:PCT/EP2010/064182
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/036270
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KERRY GROUP SERVICES INTERNATIONAL LIMITED

Address of Applicant :Princes Street Tralee County Kerry Ireland

(72)Name of Inventor :

- 1)CROWLEY Michael**
- 2)GAGE Amanda**
- 3)MAEGLI Jack**
- 4)OREILLY Timothy**

(57) Abstract :

The invention concerns a co-processed additive for a solid-dose pharmaceutical composition the additive comprising from about 50% to 99.5% by weight of at least one pharmaceutical compression aid and from about 0.5% to 50% by weight of at least one pharmaceutical lubricant the melting point of said compression aid(s) being higher than the melting point of said lubricant(s). The co-processed additive may be in the form of a physically bound composite whereby the lubricant is associated with the surface of the compression aid particles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.472/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ARTICULATED ROBOT WRIST

(51) International classification	:B25J 9/10
(31) Priority Document No	:TO2011A000158
(32) Priority Date	:24/02/2011
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)AMPARORE MAURO

2)PERNECHELE GIORGIO

3)PAPARELLA GIUSEPPE

(57) Abstract :

(10), comprising: - a first body (12) comprising a first and a second end, said first end of said first body (12) being intended to be mounted on a robot component that is rotatable around a first axis (IV), - a second body (14) comprising a first and a second end, said first end of said second body (14) being rotatably mounted on said second end of said first body (12), around a second axis (V) inclined with respect to said first axis (IV), a third body (26) comprising a first and a second end, said first end of said third body being rotatably mounted on said second end of said second body (14), around a third axis (VI) inclined with respect to said second axis (V), - wherein said first and third axes (IV, VI) are both substantially orthogonal to said second axis (V) , and wherein in at least one position of said robot wrist said first and third axes result substantially aligned with one another.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2012

(21) Application No.460/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LIQUID FILTER DEVICE

(51) International classification	:C02F 1/00, B01D 35/143	(71) Name of Applicant : 1)STRAUSS WATER LTD Address of Applicant :49 HaSivim Street Petach Tikva 49517 ISRAEL.
(31) Priority Document No	:61/240,707	
(32) Priority Date	:09/09/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/IL2010/000741	1)WILDER Haim
Filing Date	:07/09/2010	2)RONEN Rami
(87) International Publication No	:WO/2011/030340	3)KRYSTAL Eyal
(61) Patent of Addition to Application Number	:NA	4)HILLEL Shlomo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a filter device for filtering liquid by passing it through one or more filtering media. The filter device comprises a cartridge defining a treatment region filled with said one or more filtering media and has a liquid inlet and a liquid outlet. A locking mechanism may be located within a liquid flow through the cartridge and configured to lock at least one of the liquid inlet and the liquid outlet upon expiration of life time of said at least one filtering medium.

No. of Pages : 35 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2012

(21) Application No.475/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SOLAR CELL AND METHOD FOR MANUFACTURING SUCH A SOLAR CELL

(51) International classification	:H01L 31/18
(31) Priority Document No	:2003390
(32) Priority Date	:25/08/2009
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2010/050530
Filing Date	:24/08/2010
(87) International Publication No	:WO/2011/025371
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)STICHTING ENERGIEONDERZOEK CENTRUM
NEDERLAND**

Address of Applicant :Westerduinweg 3 1755 LE Petten The Netherlands

(72)**Name of Inventor :**

**1)BARTON PAUL CORNELIS
2)NABER RONALD CORNELIS GERARD
3)STASSEN ARNO FERDINAND**

(57) Abstract :

A method (100; 100a; 100b; 100c) for manufacturing a solar cell from a semiconductor substrate (1) of a first conductivity type the semiconductor substrate having a front surface (2) and a back surface (3). The method includes in a sequence: texturing (102) the front surface to create a textured front surface (2a); creating (103) by diffusion of a dopant of the first conductivity type a first conductivity-type doped layer (2c) in the textured front surface and a back surface field layer (4) of the first conductivity type in the back surface; removing (105; 104a) the first conductivity-type doped layer from the textured front surface by an etching process adapted for retaining texture of the textured front surface; creating (106) a layer of a second conductivity type (6) on the textured front surface by diffusion of a dopant of the second conductivity type into the textured front surface.

No. of Pages : 36 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2012

(21) Application No.476/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SOLAR CELL AND METHOD FOR MANUFACTURING SUCH A SOLAR CELL

(51) International classification	:H01L 31/18
(31) Priority Document No	:2003390
(32) Priority Date	:25/08/2009
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2010/050531
Filing Date	:24/08/2010
(87) International Publication No	:WO/2011/025372
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND

Address of Applicant :Westerduinweg 3 NL-1755 LE Petten Netherlands

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- 2)LI GAOFEI**
- 3)BARTON PAUL CORNELIS**
- 4)NABER RONALD CORNELIS GERARD**
- 5)STASSEN ARNO FERDINAND**
- 6)HU ZHIYAN**

(57) Abstract :

A method for manufacturing a solar cell from a semiconductor substrate (1) of a first conductivity type the semiconductor substrate having a front surface (2) and a back surface (3). The method includes in a sequence: texturing (102) the front surface to create a textured front surface (2a); creating (103) by diffusion of a dopant of the first conductivity type a first conductivity-type doped layer (2c) in the textured front surface and a back surface field layer (4) of the first conductivity type in the back surface; removing (105; 104a) the first conductivity-type doped layer from the textured front surface by an etching process adapted for retaining texture of the textured front surface; creating (106) a layer of a second conductivity type (6) on the textured front surface by diffusion of a dopant of the second conductivity type into the textured front surface.

No. of Pages : 45 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2012

(21) Application No.477/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TRUSTED QUERY SYSTEM AND METHOD□

(51) International classification	:G06F 17/30
(31) Priority Document No	:61/238,283
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International □pplication No	:PCT/IB2010/002102
□ Filing Date	:26/08/2010
(87) International Publication No	:WO/2011/024064
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EXALEAD

Address of Applicant :10 Place de la Madelaine 75008 Paris
France

(72)Name of Inventor :

1)BOURDONCLE Fran§ois

2)DOUETTEAU Florian

3)BORDIER Jeremie

(57) Abstract :

A method and system provides a search interface that permits a user to interrogate a structured database and includes retrieving database entries from one or more databases flattening a plurality of database entries indexing the plurality of flattened database entries to form a search engine index and prompting the user to enter an input. The system continuously monitors the user input and each time an input is entered by the user the system computes a set of non-null partial queries in response.....

No. of Pages : 43 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2012

(21) Application No.463/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MICROPROCESSOR WITH AUTOMATIC SELECTION OF SIMD PARALLELISM□

(51) International classification	:G06F 9/38
(31) Priority Document No	:11/150,729
(32) Priority Date	:09/06/2005
(33) Name of priority country	:U.S.A.
(86) International Application□No <input type="checkbox"/> Filing Date	:□CT/US2006/020614 :25/05/2006
(87) International Publication No	:WO/2006/135554
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:2161/MUMNP/2007 :19/12/2007

(71)**Name of Applicant :**

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)**Name of Inventor :**

1)DOCKSER Kenneth Alan

(57) Abstract :

Automatic selective power and energy control of one or more processing elements matches a degree of parallelism to a monitored condition in a highly parallel programmable data processor. For example logic of the parallel processor detects when program operations (e.g. for a particular task or due to a detected temperature) require less than the full width of the data path. In response the control logic automatically sets a mode of operation requiring a subset of the parallel processing capacity. At least one parallel processing element that is not needed can be shut down to conserve energy and/or to reduce heating (i.e. power consumption). At a later time when operation.....

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2012

(21) Application No.464/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHODS AND APPARATUS FOR PERFORMING TIMING SYNCHRONIZATION WITH BASE STATIONS

(51) International classification	:H04W 24/00
(31) Priority Document No	:60/689,910
(32) Priority Date	:13/06/2005
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2006/022703 :12/06/2006
(87) International Publication No	:WO/2006/138197
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:2218/MUMNP/2007 :27/12/2007

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)LANE Frank A.
2)LAROIA Rajiv
3)LI Junyi

(57) Abstract :

A wireless terminal using OFDM signaling supporting both terrestrial and satellite base station connectivity operates using conventional access probe signaling in a first mode of operation to establish a timing synchronized wireless link with a terrestrial base station. In a second mode of operation used to establish a timing synchronized wireless link with a satellite base station a slightly modified access protocol is employed. The round trip signaling time and timing ambiguity between a wireless terminal and a satellite base station is substantially greater than with a terrestrial base station. The modified access protocol uses coding of access probe signals to uniquely identify a superslot index within a beaconslot. The modified protocol uses multiple access probes with different timing offsets to further resolve timing ambiguity and allows the satellite base station.....

No. of Pages : 104 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2012

(21) Application No.465/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHODS AND APPARATUS FOR PERFORMING TIMING SYNCHRONIZATION WITH BASE STATIONS□

(51) International classification	:H04W 76/02
(31) Priority Document No	:60/689,910
(32) Priority Date	:13/06/2005
(33) Name of priority country	:U.S.A.
(86) □International Application□No Filing Date	:PCT/US2006/022703 :12/06/2006
(87) International Publication No	:WO/2006/138197
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	
(62) Divisional to Application Number Filed on	:2218/MUMNP/2007 :27/12/2007

(71)**Name of Applicant :**

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)**Name of Inventor :**

1)LANE Frank A.

2)LAROIA Rajiv

3)LI Junyi

(57) Abstract :

A wireless terminal using OFDM signaling supporting both terrestrial and satellite base station connectivity operates using conventional access probe signaling in a first mode of operation to establish a timing synchronized wireless link with a terrestrial base station. In a second mode of operation used to establish a timing synchronized wireless link with a satellite base station a slightly modified access protocol is employed. The round trip signaling time and timing ambiguity between a wireless terminal and a satellite base station is substantially greater than with a terrestrial base station. The modified access protocol uses coding of access probe signals to uniquely identify a superslot index within a beaconslot. The modified protocol uses multiple access probes with different timing offsets to further resolve timing ambiguity and allows the satellite base station.....

No. of Pages : 106 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.481/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD FOR THE PRODUCTION OF SWEETENER FROM STEVIA REBAUDIANA PLANT

(51) International classification	:A23L 1/22
(31) Priority Document No	:2005-060930
(32) Priority Date	:04/03/2005
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2006/303992
Filing Date	:02/03/2006
(87) International Publication No	:WO/2006/093229
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1336/MUMNP/2007
Filed on	:05/09/2007

(71)Name of Applicant :

1)MORITA KAGAKU KOGYO CO. LTD

Address of Applicant :2 -24 Imafukuminami 1-chome Joto-ku Osaka-shi Osaka 5360003 Japan

(72)Name of Inventor :

1)MORITA Toyoshige

2)MORITA Koji

3)KOMAI Koichiro

(57) Abstract :

A novel plant belonging to the Stevia Rebaudiana Bertoni variety which contains at least 4 parts by weight or more of Rebaudioside A with respect to one part by weight of Stevioside and allows a sweetener of a good quality to be easily produced from said plant or dried leaves thereof.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.473/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MULTICARRIER MULTIPLEXING

(51) International classification :H04L 1/00
(31) Priority Document No :13/086,702
(32) Priority Date :14/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)Hughes Network Systems LL.C.

Address of Applicant :11717 Exploration Lane Germantown Maryland 20876 United States of America.

(72)Name of Inventor :

1)Yezdi Antia

2)Dave Roos

3)Neal Becker

(57) Abstract :

A system for a dynamic and flexible multiplexing scheme to allow terminals of a communications system to operate on wideband signals without requiring the operation at full speed, and under multiclass terminal operation, is provided. According to the multiplexing scheme, a one codeblock of a plurality of codeblocks within a multiplexed datastream is decoded, wherein each codeblock includes a flag that indicates whether the codeblock contains a timeplan, and the timeplan signifies a multiplexing structure of the datastream. A determination is made as to whether the flag of the one codeblock indicates that the one codeblock contains the timeplan, and, if it is determined that the one codeblock contains the timeplan, the timeplan is acquired. Further, in response to a determination that the one codeblock does not contain the timeplan, a first subsequent codeblock is determined, and decoded. Each codeblock further includes a sequence number indicator that indicates a sequence position of the one codeblock within a first group of the codeblocks of the multiplexed datastream, and the first subsequent codeblock is determined based on one or more of a decode rate of the processor device and the sequence number indicator. A determination is made as to whether the flag of the first subsequent codeblock indicates that the first subsequent codeblock contains the timeplan, and, if it is determined that the first subsequent codeblock contains the timeplan, the timeplan is acquired.

No. of Pages : 73 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.483/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TREATMENT OF A ZIRCONIA-BASED MATERIAL WITH AMMONIUM BI- FLUORIDE

(51) International classification	:C01G 25/00	(71) Name of Applicant :
(31) Priority Document No	:2009/05297	1)THE SOUTH AFRICAN NUCLEAR ENERGY
(32) Priority Date	:29/07/2009	CORPORATION LIMITED
(33) Name of priority country	:South Africa	Address of Applicant :Pelindaba 0250 District Brits South
(86) International Application No	:PCT/IB2010/053448	Africa.
Filing Date	:29/07/2010	(72) Name of Inventor :
(87) International Publication No	:WO/2011/013085	1)NEL Johannes Theodorus
(61) Patent of Addition to Application Number	:NA	2)DU PLESSIS Wilhelmina
Filing Date	:NA	3)CROUSE Philippus Lodewyk
(62) Divisional to Application Number	:NA	4)RETIEF Nelius Dempers (legal representative of the deceased RETIEF WILLEM Libenberg)
Filing Date	:NA	

(57) Abstract :

A process for treating a zirconia-based material comprises reacting in a reaction step the zirconia-based material with ammonium bifluoride NH4F.HF. An ammonium fluorozirconic compound is produced.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.484/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : LIPOSOMAL COMPOSITIONS AND USES OF SAME

(51) International classification	:A61K 9/127
(31) Priority Document No	:61/237,306
(32) Priority Date	:27/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000703
Filing Date	:26/08/2010
(87) International Publication No	:WO/2011/024172
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)Technion Research & Development Foundation Ltd.
Address of Applicant :Senate House Technion City 32000
Haifa ISRAEL.

(72)**Name of Inventor :**

1)MACHLUF Marcelle
2)BRONSHTEIN Tomer

(57) Abstract :

Compositions comprising liposomes composed of whole cell membrane fraction are provided. The liposomes may be attached to or encapsulate a pharmaceutical agent. Also provided are methods of generating and using these lipospmes.

No. of Pages : 82 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.485/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CERAMIC BRICK

(51) International classification	:E04B 2/02
(31) Priority Document No	:2011106445
(32) Priority Date	:22/02/2011
(33) Name of priority country	:Russia
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SOMICHEV, DMITRY

Address of Applicant :RU, 191186, ST. PETERSBURG,
NAB. REKI MOIKY, 24 -20, RUSSIA

(72)Name of Inventor :

1)SOMICHEV, DMITRY

2)POPOVA, ELENA

3)SKOK, GALIYA

4)POTAPOV, ANATOLY

(57) Abstract :

Utility model is related with construction field, namely the production of constructive parts for building walls rising. Ceramic brick comprising clayish mass is implemented as solid body 1 out of clayish mass hardened after baking of clayish mass 2 including solid particles of clay at temperature not less than 800' C with adsorbed at clay particles the methylmetacrilat copolymer 3 (MMA) with 73-80% of metacryl acid (MA) with average molecular mass of 800 000. Raw mixture for ceramic brick production includes following ingredients, mass %: Clay 75-81 5.0% water mixture of methylmetacrilat copolymer (MMA) with 73-80% of metacryl acid (MA) with average molecular mass 800 000 1 -3 Water The other part. At product elaboration the lower baking temperature was reached due to new components in product content saving other physical-mechanical indices of ceramic brick

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2012

(21) Application No.478/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR OPERATING A COMPUTER VIA A LOW POWER ADJUNCT PROCESSOR

(51) International classification	:G06F 21/00
(31) Priority Document No	:12/551,530
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047273
<input type="checkbox"/> Filing Date	:31/08/2010
(87) International Publication No	:WO/2011/026084
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)PYERS James

2)WILEY George

3)WILLKIE James J.

4)STEELE Brian

5)NAHATA Apul

6)KALIANNAN Karthik Raj

(57) Abstract :

A computing device includes a low power auxiliary processor such as a processor on a wireless card or sub-system which is able to takeover processing in place of the computing devices central processing unit (CPU). Operating the computing device on the auxiliary processor draws less power from the computing device battery enabling extended operation in an auxiliary processor mode. When in this mode the auxiliary processor controls peripherals and provides the system functionality while the CPU is deactivated such as in off standby or sleep modes. In the auxiliary processor mode the computing device can accomplish useful tasks such as sending/receiving electronic mail displaying electronic documents and accessing a network while drawing minimal power from the battery. Transitions between the normal operating mode and auxiliary processor mode may be transparent to users. Such a computer may display instant on always on and always connected operating features.

No. of Pages : 119 No. of Claims : 110

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.489/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BLOW MOULDING MACHINE WITH A STERILE CHAMBER AND HEATING

(51) International classification	:B29C 49/78	(71) Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRASSE 5, 93073 NEUTRABLING, GERMANY
(31) Priority Document No	:10 2011 013 121.3	(72) Name of Inventor : 1)MICHAEL NEUBAUER 2)JUERGEN SOELLNER
(32) Priority Date	:04/03/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for shaping preforms of plastic (10) to give containers of plastic (10a), with a plurality of shaping stations (8) which are arranged on a movable carrier (2), wherein the shaping stations (8) each have blowing moulds (4) which are arranged in blowing mould carriers (6) and serve to accommodate the preforms of plastic (10) and within which the preforms of plastic (10) can be shaped to give the containers of plastic (10a), with a clean chamber (20), within which the shaping stations (8) are conveyed, wherein this clean chamber (20) is separated from surroundings (U) by means of at least one wall (17, 18, 19), and with a sterilization device (55) which charges regions (6, 17, 18, 19) lying within the clean chamber (20) with a flowable sterilization agent for sterilization thereof. According to the invention, the regions (6, 17, 18, 19) to be sterilized can be heated at least in part.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.489/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : ADVANCED TECHNOLOGY FOR IRON-KROM ALLOYS PRODUCTION AND RELATED PLANT

(51) International classification	:B22D 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000350
Filing Date	:30/07/2009
(87) International Publication No	:WO/2011/013151
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)APPOLONIA Paolo

Address of Applicant :Via Nazionale 16 I-25044 Capo di Ponte (BS) Italy Cote d'Ivoire

(72)Name of Inventor :

1)APPOLONIA Paolo

(57) Abstract :

Method for producing ferro-chrome alloys comprising a stoichiometric charge and slag calculation step a step of making the plant and the crucible furnace operate at normal regime steps of casting the metal and the slag a step of collecting the molten metal in suitable modular moulds made from spheroidal graphite cast iron a step of removing the ingots contained in the moulds with suitable pincer means a step of collecting the slag in suitable non-refractory bells or ladles characterised in that the metal-slag separation takes place directly inside the furnace and in that said castings of metal and slag take place in successive steps so as to allow the drawing off of the liquids in the amounts formed between one casting and the next.

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.490/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : BLOW MOULDING MACHINE WITH STERILE CHAMBER AND MEDIA FEED IN THE STERILE CHAMBER AND MEDIA FEED IN THE STERILE CHAMBER

(51) International classification	:B29C 49/46	(71) Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRASSE 5, 93073 NEUTRABLING, GERMANY
(31) Priority Document No	:10 2011 013 118.3	(72) Name of Inventor : 1)FLORIAN GELTINGER 2)MICHAEL NEUBAUER
(32) Priority Date	:04/03/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (1) for shaping plastics material preforms (10) into plastics material containers (10a), having a multiplicity of shaping stations (8) , which are arranged on a movable carrier (2) , wherein the shaping stations (8) each comprise blow moulds (4) , inside which the plastics material preforms (10) can be shaped into plastics material containers (10a) by application of a free-flowing medium, as well as blow mould carriers for holding these blow moulds (4) , and wherein the blow mould carriers (6) comprise at least two blow moulding carrier parts (6a, 6b) movable in relation to one another to open and close the blow moulds (4) , and having at least one fastening element (60) , via which at least one element of the shaping stations (8) is arranged on the carrier (2) with a clean chamber (20) which is defined with respect to a surrounding environment (U) by means of at least one wall (17, 18, 19) and which surrounds the individual shaping stations (8) , at least in part, so that the shaping stations (8) are movable inside this clean chamber (20) , and having at least one feed line (70) , which feeds a free-flowing medium at least to one shaping station (8) arranged in the sterile chamber (20) for operation of said shaping station. In accordance with the invention the feed line (70) for the free-flowing medium extends through a boundary of the clean chamber 20, and the feed line is formed, at least over portions, by the fastening element (60).

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.482/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A METHOD FOR THE PRODUCTION OF SWEETENER FROM STEVIA REBAUDIANA PLANT

(51) International classification	:A23L 1/22
(31) Priority Document No	:2005-060930
(32) Priority Date	:04/03/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2006/303992
Filing Date	:02/03/2006
(87) International Publication No	:WO/2006/093229
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1336/MUMNP/2007
Filed on	:05/09/2007

(71)Name of Applicant :

1)MORITA KAGAKU KOGYO CO. LTD

Address of Applicant :2 -24 Imafukuminami 1-chome Joto-ku Osaka-shi Osaka 5360003 Japan

(72)Name of Inventor :

1)MORITA Toyoshige

2)MORITA Koji

3)KOMAI Koichiro

(57) Abstract :

A novel plant belonging to the Stevia Rebaudiana Bertoni variety which contains at least 4 parts by weight or more of Rebaudioside A with respect to one part by weight of Stevioside and allows a sweetener of a good quality to be easily produced from said plant or dried leaves thereof.

No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.492/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PELLETIZING PRESS FOR PRODUCING PELLETS

(51) International classification	:B30B 11/22
(31) Priority Document No	:10 2009 047 902.3
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005983
Filing Date	:30/09/2010
(87) International Publication No	:WO/2011/038917
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DIEFFENBACHER GMBH MASCHINEN- UND

ANLAGENBAU

Address of Applicant :Heilbronnerstr. 20 75031 Eppingen
GERMANY

(72)Name of Inventor :

1)HAAS Gernot von

2)NATUS G'lnter

3)HEYMANNS Frank

(57) Abstract :

The invention relates to a pellet press for producing pellets (10) there being in the pellet press (3) at least one die (4) having a multiplicity of holes (13) for compressing the biomass (1) at least one roll (5) rolling on the die (4) and at least one drive device for the die (4) and/or the roll (5). The aim of the invention is to produce a pellet press in which it is possible to eliminate local damage or partial wear of the die with the least possible effort or to make it easier to replace the die with a spare part. The invention consists of at least two die segments (7 7...) being arranged as the die (4)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2012

(21) Application No.493/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PHOTOELECTROCHEMICAL CELL AND ENERGY SYSTEM USING SAME□

□51) International classification	:H01M 14/00, C25B 11/06	(71) Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma-shi Osaka 571-8501 Japan
□31) Priority Document No	:2010-083418	
(32) Priority Date	:31/03/2010	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) Internation□l Application No	:PCT/JP2011/001661	1)TANIGUCHI Noboru
Filing Date	:22/03/2011	2)TOKUHIRO Kenichi
(87) International Publication No	:WO/2011/121932	3)SUZUKI Takahiro
(61) Patent of Addition to Application Number	:NA	4)KUROHA Tomohiro
Filing Date	:NA	5)NOMURA Takaiki
(62) Divisional to Application Number	:NA	6)HATO Kazuhito
Filing Date	:NA	7)TAMURA Satoru

(57) Abstract :

A photovoltaic electrochemical cell (100) includes: a semiconductor electrode (120) including a conductor (121) and semiconductor layers (122 123) disposed on the conductor (121); a counter electrode (130) connected electrically to the conductor (121); an electrolyte (140) in contact with surfaces of the semiconductor layer (123) and the counter electrode (130); and a container (110) accommodating the semiconductor electrode (120) the counter electrode (130) and the electrolyte (140). A band edge level Ecs of a conduction band a band edge level Evs of a valence band and a Fermi level EFS in a surface near-field region of the semiconductor layer and a band edge level ECJ of a conduction band a band edge level EVJ of.....

No. of Pages : 44 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2012

(21) Application No.497/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PALLET-LIKE UNDERFRAME FOR TRANSPORT AND STORAGE CONTAINERS FOR LIQUIDS

(51) International classification	:B65D 25/36	(71) Name of Applicant : 1)PROTECHNA S.A. Address of Applicant :AVENUE DE LA GARE 14 CH-1701 FRIBOURG/SCHWEIZ. Switzerland
(31) Priority Document No	:10 2011 007 583.6	(72) Name of Inventor : 1)SCHUTZ, UDO
(32) Priority Date	:18/04/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pallet-like underframe, in particular for transport and storage containers for liquids, which are equipped with a plastic inner container with a closable filler connection and a drain connection for connection to a drain fitting and an outer jacket comprising a metal grid or sheet metal, wherein the underframe has a base for supporting the inner container and corner and middle feet made of metal which are mounted on a base frame and on which the base of the underframe is mounted, wherein the corner feet comprise a cup-shaped corner foot body having a front wall curved in accordance with a corner radius of a frame corner of the base frame and cup parts formed to the side of a central axis of the front wall, wherein the cup parts each comprise an edge web formed on the peripheral edge of the front wall and bent inwards, comprising an upper edge web section for connection of the corner foot to the ground, a lower edge web section for connection to the base frame and a lateral edge web section formed between the upper and the lower edge web section on a side edge of the front wall, where the upper edge web section (31), the lateral edge web section (43) and the lower edge web section (30) are configured to go over into one another continuously in edge web forming regions (44).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.490/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TUBULAR BUILDING STRUCTURE WITH HINGEDLY CONNECTED PLATFORM SEGMENT

(51) International classification	:E04H 7/22, E04G 11/06	(71) Name of Applicant : 1)Andersen Towers A/S Address of Applicant :Lindholm Havnevej 33 5800 Nyborg Denmark
(31) Priority Document No	:PA 2009 70113	
(32) Priority Date	:15/09/2009	
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:PCT/DK2010/050232	1)KRYGER Arne
Filing Date	:14/09/2010	2)RYHOLL Lars
(87) International Publication No	:WO/2011/032559	
(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 tubular building structure or tower 10 comprising superposed tube sections 12. At least some of the tube sections 12 are provided with platform segments 28 that are hinge-connected and foldable from a collapsed position in which they are positioned close to the tube sections 12 to a position of use in which they extend radially inwardly into the tubular building structure 10 in the mounted position of the tube sections 12. In particular the invention relates to a tube segment 16 adapted to be interconnected with other tube segments 16 to form a tubular building structure or tower 10 comprising superposed tube sections 12 each tube section being formed by interconnected axially extending tube segments 16.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.491/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COMBINED REFORMING PROCESS FOR METHANOL PRODUCTION□

(51) International classification	:C01B 3/38, C07C 29/151	(71) Name of Applicant : 1)SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi Arabia
(3□) Priority Document No	:09075363.3	
(32) Priority Date	:14/08/20□9	
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/004972	1)AHMED Ijaz
Filing Date	:10/08/2010	2)BASHIR Mubarak
(87) International Publication No	:WO/2011/018233	3)AL-NUTAIFI Abdullah
(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 combined reforming process for making synthesis gas from a desulphurised gaseous hydrocarbon feedstock wherein the feedstock is split into a first and a second feedstock stream the first feedstock stream is mixed with steam and fed to a gas heated reformer (GHR) and a steam methane reformer (SMR) operated in series and the second feedstock stream is mixed with reformed gas coming from the SMR and fed with oxygen to a non- catalytic partial oxidation reformer (POX). The process of the invention enables to produce syngas with adjustable composition and at very high capacity in a single line.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.522/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : WORKSTATION OF AN OPEN-END ROTOR SPINNING MACHINE

(51) International classification	:H02P 3/14
(31) Priority Document No	:102011013870.6
(32) Priority Date	:15/03/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OERLIKON TEXTILE GMBH & CO. KG

Address of Applicant :LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY

(72)Name of Inventor :

1)HEINZ-DIETER GOEBBELS

2)HEINZ-JOSEF PEUKER

(57) Abstract :

The invention relates to a workstation of an open-end rotor spinning machine with an open-end spinning device for producing a thread, a winding device for producing a cross-wound bobbin, and a pivotably mounted suction nozzle, which can be driven by a single motor, to pneumatically receive a thread end that has run onto the cross-wound bobbin. According to the invention it is provided that the workstation (1) is equipped with a locking mechanism (30), which makes it possible to lock the suction nozzle (4) in a predetermined rest position (29).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.522/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PEPTIDES FOR THE TREATMENT OF OXIDATIVE STRESS RELATED DISORDERS

(51) International classification	:C07K 14/47,A61K 38/04	(71) Name of Applicant : 1)Ramot at Tel-Aviv University Ltd. Address of Applicant :P.O. Box 39296 61392 Tel-Aviv ISRAEL.
(31) Priority Document No	:61/272,367	
(32) Priority Date	:17/09/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/IL2010/000760	1)OFFEN Daniel
Filing Date	:16/09/2010	2)LEV Nirit
(87) International Publication No	: NA	3)MELAMED Eldad
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Isolated DJ-1 related peptides are disclosed and pharmaceutical compositions comprising same for treating oxidative stress-related disorders.

No. of Pages : 76 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.523/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COMPOSITION AND METHOD FOR ORAL DELIVERY OF COBRA VENOM

(51) International classification	:A61K 31/7088
(31) Priority Document No	:61/273,314
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044290
Filing Date	:03/08/2010
(87) International Publication No	:WO/2011/017354
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)REID Paul

Address of Applicant :1537 NW 65th Avenue Plantation FL
33313 U.S.A.

(72)**Name of Inventor :**

1)REID Paul

(57) Abstract :

A composition of sterile cobra venom and a method for its oral administration to provide significant analgesic effects to a human and/or animal are disclosed. Such cobra venom compositions comprise a sterilized solution preserved by the addition of one or more suitable food-grade preservatives. The venom composition may be conveniently administered orally by means of a metered spray device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.527/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROCESSING SIGNAL FOR THREE-DIMENSIONAL REPRODUCTION OF ADDITIONAL DATA□

(51) International classification	:G06T 15/00
(31) Priority Document No	:61/234,352
(32) Priority Date	:17/08/□009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/005404
Filing Date	:17/08/2010
(87) International Publication No	:WO/2011/021822
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442- 742 Republic of Korea

(72)**Name of Inventor :**

1)LEE Dae-Jong

2)BAK Bong-Gil

(57) Abstract :

A method of processing a signal the method including: extracting 3-dimensional (3D) reproduction information for reproducing a subtitle which is reproduced with a video image in 3D from additional data for generating the subtitle; and reproducing the subtitle in 3D by using the additional data and the 3D reproduction information.

No. of Pages : 85 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.486/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A NOVEL PROTEIN DELIVERY SYSTEM TO GENERATE INDUCED PLURIPOTENT STEM (IPS) CELLS OR TISSUE-SPECIFIC CELLS

(51) International classification	:C12N 15/85, C12N 15/31	(71) Name of Applicant : 1)SYNAPTIC RESEARCH LLC Address of Applicant :1448 South Rolling Road Baltimore Maryland 21227 USA.
(31) Priority Document No	:61/275,297	
(32) Priority Date	:27/08/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/047056 :27/08/2010	(72) Name of Inventor : 1)CHANG Yung-Nien 2)OYLER George A.
(87) International Publication No	:WO/2011/031568	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A novel protein delivery system to generate induced pluripotent stem (iPS) cells is described. The delivery system comprises a construct with a receptor binding domain that recognizes a receptor in a somatic cell a translocation domain that allows the transfer of an inducer into the cytosolic space and a cargo bearing domain to which the inducer is attached and facilitates transfer of the inducer into the cell.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.487/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : TREATMENT OF PARTS WITH METALLIZED FINISH AREAS WITH A DIFFERENTIATED APPEARANCE

(51) International classification	:B44C 1/22, B23K 26/00	(71) Name of Applicant : 1)ZANINI AUTO GRUP S.A. Address of Applicant :Pol. Ind. Llevant Marineta 2 E-08150 Parets Del Valles (Barcelona) Spain.
(31) Priority Document No	:P200930637	
(32) Priority Date	:28/08/2009	
(33) Name of priority country	:Spain	
(86) International Application No Filing Date	:PCT/EP2010/062558 :27/08/2010	(72) Name of Inventor : 1)MAYER PUJADAS Augusto 2)SANAHUJA CLOT Jos
(87) International Publication No	:WO/2011/023798	
(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 process for the treatment of parts for creating a surface with areas with shiny and matte appearances in which on the surface previously coated with a first layer of copper and a second layer of metal a selective etching of the second layer is performed wherein the selective etching of the second layer is performed according to the area or areas to be glazed with respect to the rest of the part. The process allows a finish with areas of a different shine (from mirror shine to matte) the differences in thickness of which cannot be observed by the human eye without optical aids.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.528/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO&NBSP; AND METHOD AND APPARATUS FOR DECODING VIDEO□

(51) International classification	:H04N 7/34
(31) Priority Document No	:10-2009-0075855
(32) Priority Date	:17/08/200□
(33) Name of priority country	□Republic of Korea
(86) International Application No	:PCT/KR2010/005437
Filing Date	:17/08/2010
(87) International Publication No	:WO/2011/021839
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do Republic of Korea

(72)**Name of Inventor :**

1)MIN Jung-Hye

2)HAN Woo-Jin

3)KIM Il-Koo

(57) Abstract :

Disclosed are a method and a apparatus for encoding a video and a method and apparatus for decoding a video in which neighboring pixels used to perform intra prediction on a current block to be encoded are filtered and intra prediction is performed by using the filtered neighboring pixels.

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.529/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING/DECODING MOTION VECTOR□

(51) International classification

□H04N 7/32

(3□) Priority Document No

:10-2009-0074896

(32) Priority Date

:13/08/2009

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2010/005365

Filing Date

:13/08/2010

(87) International Publication No

:WO/2011/019247

(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)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do Republic of Korea

(72)Name of Inventor :

1)LEE Tammy

2)HAN Woo-Jin

3)LEE Kyo-Hyuk

(57) Abstract :

Provided are methods and apparatuses for encoding and decoding a motion vector. The method of encoding the motion vector includes: selecting as a mode of encoding information about a motion vector predictor of the current block a first mode in which information indicating the motion vector predictor from among at least one motion vector predictor is encoded or a second mode in which information indicating generation of the motion vector predictor based on blocks or pixels included in a previously encoded area adjacent to the current block is encoded; determining the motion vector predictor of the current block according to the selected mode and encoding the information about the motion vector predictor of the current block; and encoding a difference vector between the motion vector of the current block and the motion vector predictor of the current block.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2012

(21) Application No.516/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : SYSTEM AND METHODS FOR MEDIA ACCESS CONTROL OPTIMIZATION FOR LONG RANGE WIRELESS COMMUNICATION

(51) International classification	:H04B 7/00	(71) Name of Applicant :
(31) Priority Document No	:61/213,999	1)TRUEPATH HOLDINGS LLC
(32) Priority Date	:06/08/2009	Address of Applicant :P.O. Box 42333 Richmond Virginia 23242 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/044625	1)Michael A. LEABMAN
Filing Date	:05/08/2010	
(87) International Publication No	:WO/2011/017577	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for media access control optimization for long distance wireless communication between an airborne platform and a surface base station is provided. The system includes receiving an incoming beamform signal. The incoming beamform signal includes a data portion and a token. It is possible in some embodiments that the data portion and the token are independently modulated. The token identifies a subsequent transmitter by including any of: an identification of which transmitter is to transmit next length of time the next transmitter should transmit for and transmit timing data. The system may then transmit an outgoing beamform signal including a data portion and a token. After which the system may wait for a return transmission or a timeout. The system may also be enabled in some embodiments to maintain a list of active transmitters.

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2012

(21) Application No.517/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : PRECISELY LOCATING AND ADDRESS CONFIRMING METHOD

(51) International classification	:B65G 1/133
(31) Priority Document No	:200910242937.9
(32) Priority Date	(CN) :21/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/002056
Filing Date	:16/12/2010
(87) International Publication No	:WO/2011/075946
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAOSHENG TECHNOLOGY LTD. ZHANGJIAGANG

Address of Applicant :Room 508 No. 1 Guotai Bei Road
Zhangjiagang Jiangsu Province 215600 P.R.China

(72)Name of Inventor :

1)WANG Minliang

(57) Abstract :

A precisely locating and address confirming method is provided. The method comprises: S1 a printing carrier is divided into several areas with equal interval and the width of each area is set to be the same with the width of a shelf article depositing unit and a main bar code containing article depositing position information is printed in the center of each area of the printing carrier; S2 the printing carrier is disposed on the shelf in such a way that each area corresponds to each shelf article depositing unit; S3 the article depositing position information contained in the main bar code is scanned and read when the scanning beam of a manipulator happens to be superposed with the main bar code of the area corresponding to the shelf article depositing unit so as to confirm the address of the article depositing position.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2012

(21) Application No.518/MUMNP/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MONITORING DEVICES AND PROCESSES BASED ON TRANSFORMATION&NBSP;
DESTRUCTION AND CONVERSION OF NANOSTRUCTURES

(51) International classification	:B82B 1/00	(71) Name of Applicant :
(31) Priority Document No	:61/276,349	1)JP LABORATORIES INC.
(32) Priority Date	:11/09/2009	Address of Applicant :120 Wood Ave. Middlesex NJ 08846
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2010/048417	(72) Name of Inventor :
Filing Date	:10/09/2010	1)PATEL Gordhanbhai
(87) International Publication No	:WO/2011/031959	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A large number of properties of nanostructures depend on their size shape and many other parameters. As the size of a nanostructure decreases there is a rapid change in many properties. When the nanostructure is completely destroyed those properties essentially disappear. Systems based on changes in properties of nanostructures due to the destruction of nanostructures are proposed. The systems can be used for monitoring the total exposure to organic inorganic organometallic and biological compounds and agents using analytical methods.

No. of Pages : 83 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2012

(21) Application No.430/MUM/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : STERILE BLOW MOULDING MACHINE WITH NON-STERILE MEDIA SUPPLY

(51) International classification	:B29C 49/00	(71)Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRASSE 5, 93073 NEUTRABLING, GERMANY
(31) Priority Document No	:10 2011 013 124.8	(72)Name of Inventor : 1)KLAUS VOTH 2)JUERGEN SOELLNER
(32) Priority Date	:04/03/2011	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for the shaping of plastics material preforms (10) into plastics material containers (10a), with a plurality of shaping stations (8) which are arranged on a movable carrier (2), wherein the shaping stations' (8) have in each case blow moulds (4) which are used for receiving the plastics material pre-forms (10) and inside which the plastics material pre-forms (10) are capable of being shaped into the plastics material containers (10a), and wherein the shaping stations (8) have in each case stressing devices (152) which are movable relative to the plastics material pre-forms (10) and which act upon the plastics material pre-forms (10) arranged in the blow moulds (4) with a sterile flowable medium in order to expand them, with a clean room (20), inside which the shaping stations (8) are conveyed, wherein this clean room (20) is arranged or demarcated from the environment (U) by means of at least one wall (17, 18, 19). According to the invention the apparatus (1) has at least one supply device (60) for supplying a flowable control medium to at least one shaping station (8), which supply device (60) extends at least locally inside the clean room (20), wherein this supply device (60) is sealed off from the clean room (20) in such a way that the flowable control medium is also capable of being conveyed as a non-sterile medium to the shaping station (8).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5229/KOLNP/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CD20 BINDING MOLECULES

(51) International classification	:A61K 39/395
(31) Priority Document No	:60/471,958
(32) Priority Date	:20/05/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/015786
Filing Date	:20/05/2004
(87) International Publication No	:WO 2004/103404
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2488/KOLNP/2005
Filed on	:05/12/2005

(71)Name of Applicant :

1)APPLIED MOLECULAR EVOLUTION

Address of Applicant :3520 DUNHILL STREET, SAN DIEGO, CA 92121, U.S.A.

(72)Name of Inventor :

**1)WATKINS, JEFFRY, D.
2)DAVIES, JULIAN
3)MARQUIS, DAVID, M.
4)ALLAN, BARRETT, W.
5)ONDEK, BRIAN**

(57) Abstract :

The present invention relates to CD20 binding molecules and nucleic acid sequences encoding CD20 binding molecules. In particular, the present invention relates to CD20 binding molecules with a high binding affinity, and a low dissociation rate, with regard to human CD20. Preferably, the CD20 binding molecules of the present invention comprise light and/or heavy chain variable regions with fully human frameworks (e.g. human germline frameworks).

No. of Pages : 63 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.5230/KOLNP/2011 A

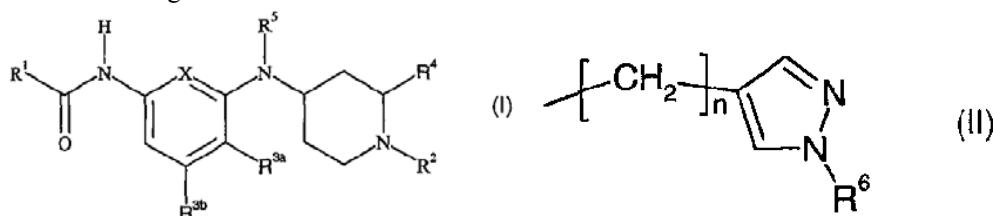
(43) Publication Date : 11/01/2013

(54) Title of the invention : SUBSTITUTED 2-CARBONYLAMINO-6 PIPERIDINAMINOPYRIDINES AND SUBSTITUTED 1-CARBONYLAMINO-3-PIPERIDINAMINOBENZENES AS 5-HT1F AGONISTS

(51) International classification	:C07D 211/58	(71) Name of Applicant :
(31) Priority Document No	:60/502,780	1) ELI LILLY AND COMPANY
(32) Priority Date	:12/09/2003	Address of Applicant : LILLY CORPORATE CENTER, INDIANAPOLIS, IN46285, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2004/025607 :03/09/2004	1) BLANCO-PILLADO, MARIA-JESUS 2) COHEN, MICHAEL, PHILIP 3) FILLA, SANDRA, ANN 4) HUDAIAK, KELVIN, JOHN 5) KOHLMAN, DANIEL, TIMOTHY 6) BENESH, DANA, RAE 7) VICTOR, FRANTZ 8) XU, YAO-CHANG 9) YING, BAI-PING 10) ZACHERL, DEANNA, PIATT 11) ZHANG, DEYI 12) MATHES BRIAN MICHAEL
(87) International Publication No	:WO 2005/035499	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filed on	:450/KOLNP/2006 :27/02/2006	

(57) Abstract :

The present invention relates to compounds of formula I: or a pharmaceutically acceptable acid addition salt thereof, where; X is C(R3c= or -N=; R1 is C2-C6 alkyl, substituted C2-C6 alkyl, C3-C7 cycloalkyl, substituted C3-C7 cycloalkyl, phenyl, substituted phenyl, heterocycle, or substituted heterocycle; R2 is hydrogen, C1-C3 n-alkyl, C3-C6 cycloalkyl-C1-C3 alkyl, or a group of formula II provided that when R1 is C2-C6 alkyl or substituted C2-C6 alkyl, R2 is hydrogen or methyl; R3a, R3b, and, when X is C(R3c)=, R3c, are each independently hydrogen, fluoro, or methyl, provided that no more than one of R3a, R3b, and R3c may be other than hydrogen; R4 is hydrogen or C1-C3 alkyl; R5 is hydrogen, C1-C3 alkyl, or C3-C6 cycloalkylcarbonyl, provided that when R3a is other than hydrogen, R5 is hydrogen; R6 is hydrogen or C1-C6 alkyl; and n is an integer from 1 to 6 inclusively. The compounds of the present invention are useful for activating 5-HT1F receptors, inhibiting neuronal protein extravasation, and for the treatment or prevention of migraine in a mammal.



No. of Pages : 118 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2011

(21) Application No.632/KOL/2011 A

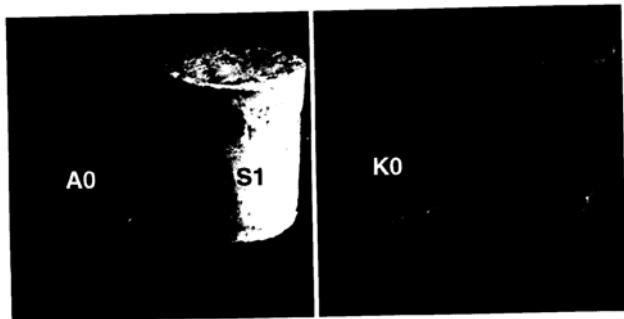
(43) Publication Date : 11/01/2013

(54) Title of the invention : FORMULATION TO ENHANCE THE STENGTH OF THE SOIL AND HYDROPHOBICITY OF SOIL SURFACE, PROCESSES AND USE THEREOF

(51) International classification	:C11D 1/72	(71) Name of Applicant : 1)WACKER METROARK CHEMICALS PVT. LTD. Address of Applicant :VILL & P.O: CHANDI, P.S.- BISHNUPUR, 24 PARGANAS (SOUTH), PIN-743 503, WEST BENGAL, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)PAUL, AMIT KUMAR 2)MITRA, SANDIP
(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 :

Strength and hydrophobicity enhanced soil composite or structures involving the same, and formulation/ composition to enhance the strength of the soil and hydrophobicity of soil surface including all soil types. Advantageously, the said powder formulation/ composition of the present invention favours easy and manual mixing with the soil, is non-hazardous for application in having low pH and significantly modulates the strength of the soil and hydrophobicity of the soil surface when present even in low dosage form thus rendering soil treatment cost-effective.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.898/KOL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : COLLISION GUARD SYSTEM

(51) International classification	:E01F13/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAS GAUTAM

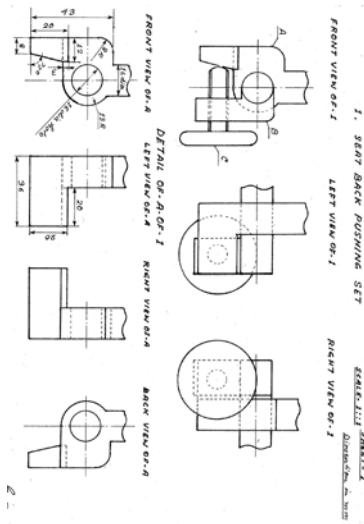
Address of Applicant :NEW TOWN, WARD-2, P.O.
ALIPURDUAR, DT. JALPAIGURI, West Bengal India

(72)Name of Inventor :

1)DAS GAUTAM

(57) Abstract :

A collision guard system and in particular collision guard system during collision which can be effectively and advantageously to save occupants of a vehicle in frontal seat from injury and casualty. The collision guard system of the invention is directed to facilitate saving human by the way of its working system. The guard system utilizes a selective mechanism along with pyrotechnic system which completes its work within 5 mili sec thus save the occupants of frontal seat of a vehicle. The seat back of a driving seat starts moving backward within 5 mili sec upto an angle of 40 degree within 5 mili sec after the first contact of the vehicle and creates a distance from driver to steering wheel simultaneously a nylon curtain falls down from the roof of the vehicle which is previously attached and a major part of the system between occupants and dashboard/steering wheel. The engine stopping system stops the engine within 5 mili sec to avoid any consequence hazzardness.



No. of Pages : 46 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.923/KOL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : INLET GUIDE FOR USE IN FLAT ROLLING OF STEEL ROD/WIRE ROD

(51) International classification	:B21B39/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
CHIYODA-KU, TOKYO 100-0011 JAPAN

(72)Name of Inventor :

1)KOJI HARA

2)KUNIHIKO MARUKAWA

3)TOMOYASU SAKURAI

4)KEIJI TAKAGI

(57) Abstract :

An object of the present invention is to propose an inlet guide for use in flat rolling, which is capable of supporting a member material to be rolled until the member material reaches an exit position in roll clearance between flat rolls at which rolling is completed, so that lateral twist of the tail end of the material is less likely to occur, thereby eliminating a concern that production yield may drop due to discard of unwanted spread-out portions generated at the tail end of the member material and thus ensuring enhancement of productivity by achieving relatively high extension efficiency by specifically adjusting a flat rolling condition. To achieve the object, the present an inlet guide for use in flat rolling of a steel rod or a wire rod, comprising: a pair of facing guide plates with tapered inner surfaces, for introducing side faces of a material member to be rolled toward roll clearance between flat rolls; a pair of holders for holding the guide plates and having introduction rollers, the introduction rollers being adapted to support the side faces of the material member released from tip ends of the tapered inner surfaces of the guide plates; and a box-shaped guide for accommodating an assembly of the guide plates and the holders therein and fixing the introduction rollers such that clearance between the introduction rollers can be adjusted, wherein the holders integrally include beak-shaped holding portions for suppressing twisting of a tail end of the material member released from the introduction rollers, the beak-shaped holding portions extend, in the roll clearance between flat rolls for subjecting the material member to rolling reduction, at least up to a position of the roll clearance at which the material member exits from the flat rolls, the beak-shaped holding portions have flanks formed at surfaces thereof to face the material member, respectively, the flanks being recessed in accordance with expected deformation of the material member in the flat roll shaft direction due to rolling reduction by the flat rolls such that a magnitude of recess increases along the direction in which the material member is introduced.

Pno.	Roll n use	Comparison Example (refer to BG.22)				Example (BG.20) (refer to BG.20)			
		Roll diameter (D)	Roll clearance (E)	Rolling extension coefficient reduction rate	Extension efficiency	Roll diameter (D)	Roll clearance (E)	Rolling extension coefficient rate	Extension efficiency
18 mm □									
1	Flat roll	360 mm	11 mm	3.23	0.75	100 mm	13.5 mm	25%	1.26
2	Flat roll	360 mm	10 mm	3.20	0.50	100 mm	12.5 mm	34%	1.28
3	Flat roll	360 mm	9 mm	3.175	1.23	0.48	100 mm	11 mm	31%
4	Flat roll	360 mm	8 mm	6.88	1.24	0.47	100 mm	11 mm	27%
5	Oval caliper	360 mm	8 mm	50%	1.31	0.52	100 mm	8 mm	38%
6	Ronco caliper	360 mm	11 mm	35%	1.13	0.87	100 mm	11 mm	35%
									0.87

No. of Pages : 36 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.901/KOL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A SYSTEM AND A PROCESS TO PRODUCE LOW ASH CLEAN COAL FROM HIGH ASH COAL

(51) International classification	:C10L9/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TATA STEEL LIMITED

Address of Applicant :JAMSHEDPUR 831001, Jharkhand
India

(72)Name of Inventor :

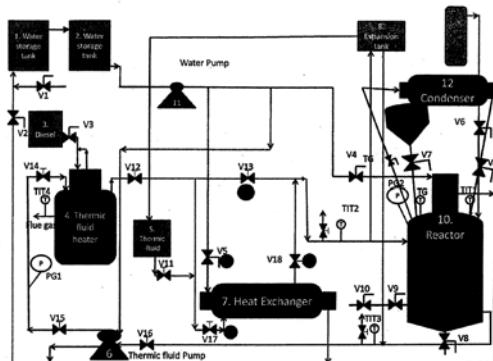
1)VIMAL KR. CHANDALIYA

2)PINAK PANI BISWAS

3)P. K. BANERJEE

(57) Abstract :

An industrial process for treating coal to lower ash content in a system, the system comprising a first water storage tank (1), a second water storage tank (2), a diesel storage tank (3), a thermic fluid heater (4), a thermic fluid storage tank (5), a thermic fluid pump (6), a heat exchanger (7), a thermic fluid expansion tank (8), a N2gas cylinder (9), a reactor (10), a water pump (11), and a reflux condenser (12), the method comprising (i) forming a slurry of coal fines in a N-Methyl-2-pyrrolidone (NMP) with Ethylenediamine (EDA), the NMP and EDA ratio varying between 5:1 to 25:1 solution, said slurry containing about 6 to 18 ml of solution per g of coal, (ii) maintaining said slurry in the reactor at a temperature range of 150°C to 220°C and at a pressure range of 1 to 4 gauge (kg/cm²) for a period of about 1 to 3 hours, (iii) separating a sample of the slurry by coarse filtration in a filter cloth, (separation cut size being variable depending on the particle size to be treated and the end produce), to obtain a filtrate or extract and a residue, (iv) precipitating the coal in water by adding concentrated extract, and (vi) separating the coal by filtration, said coal having a reduced ash content.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.902/KOL/2011 A

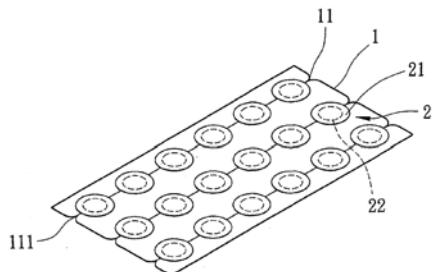
(43) Publication Date : 11/01/2013

(54) Title of the invention : INVISIBLE MEDICAL SKIN PATCH

(51) International classification	:A61F13/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRO HALLMARKS TAIWAN LTD.
(32) Priority Date	:NA	Address of Applicant :9/F., NO. 31, LANE 513, RUIGUANG
(33) Name of priority country	:NA	RD., NEIHU DIST., TAIPEI CITY, R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WEN-PING WANG
(87) 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 invisible medical skin patch includes a strippable layer 1 having tearing lines 11 and transversely and longitudinally extending lines of perforations 12, medicated patches 2 coated on the strippable layer 1 over the tearing lines 11 and beyond the lines of perforations 12, each medicated patch 2 consisting of an adhesive layer 21 and a medicated layer 22. By means of the lines of perforations 12, the invisible medical skin patch is easily separable into multiple patch units carrying one medicated patch 2. The design of the tearing lines 11 facilitates application of each individual medicated patch 2.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.913/KOL/2011 A

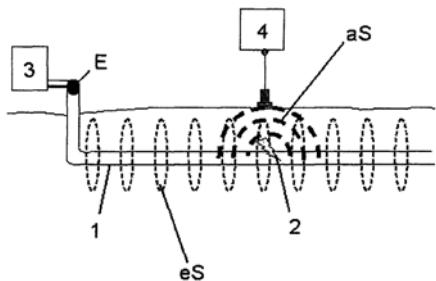
(43) Publication Date : 11/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR LOCATING CABLE FAULTS

(51) International classification	:G01R31/08 H04B10/08	(71)Name of Applicant : 1)HAGENUK KMT KABELMEßTECHNIK GMBH Address of Applicant :RÖDERAUE D-01471 RADEBURG GERMANY
(31) Priority Document No	:10 2010 026 815.1	2)TECHNISCHE UNIVERSITÄT DRESDEN
(32) Priority Date	:10/07/2011	(72)Name of Inventor : 1)ULRICH KORDON
(33) Name of priority country	:Germany	2)STEFFEN KÜRBIS
(86) International Application No	:NA	3)MATTHIAS WOLFF
Filing Date	:NA	4)MARCO KÜTTNER
(87) International Publication No	: NA	5)MARCO STEPHAN
(61) Patent of Addition to Application Number	:NA	6)TORSTEN BERTH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is described a method and an apparatus for locating faults in cables, which especially serve for the transmission and distribution of electrical energy and are laid in the ground, namely by means of an acoustic signal produced at a fault location of the cable, which acoustic signal is especially an arc-over or discharge noise triggered by an electrical pulse. Such acoustic signals are often superimposed with interference noises, which can make their identification and therewith also a localization of the fault location more difficult or impossible. According to the invention, the influence of interference noises is at least minimized thereby, that the acoustic signal produced at the fault location and superimposed with the interference noises is identified by comparing with certain signal patterns or characteristic sets.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.922/KOL/2011 A

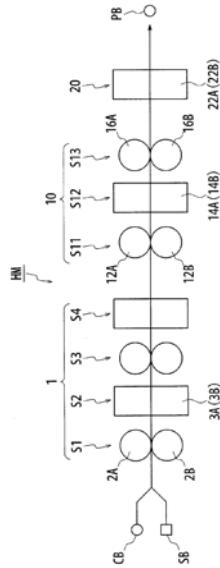
(43) Publication Date : 11/01/2013

(54) Title of the invention : ROLLING METHOD

(51) International classification	:B62B3/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME, CHIYODA-KU, TOKYO 100-0011 JAPAN
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KUNIHIKO MARUKAWA
Filing Date	:NA	2)TOMOYASU SAKURAI
(87) International Publication No	: NA	3)KOJI HARA
(61) Patent of Addition to Application Number	:NA	4)KEIJI TAKAGI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a rolling method which enables hot continuous rolling of a round billet and a square billet by a shared system without necessity of changing rolls. Specifically, the present invention provides a rolling method of rolling a round billet and a square billet into a wire rod or a steel rod having a smaller diameter, respectively, by subjecting the round billet and the square billet to shared steps of rough rolling, intermediate rolling and finish rolling, the rough rolling step comprising: at least one run of feeding the round billet and the square billet to a first rolling portion having a pair of flat rolls and a second rolling portion having a pair of flat rolls of which roll shafts are orthogonal to a shaft direction of the flat rolls of the first rolling portion; and subjecting the round billet and the square billet to shared hot rolling, with controllably adjusting number of revolution of each of the rolls for the round billet and the square billet, respectively, such that each of rolled materials, obtained by subjecting the round billet and the square billet to rolling by the first rolling portion and the second rolling portion, respectively, has a substantially rectangular cross section of which aspect ratio is not larger than 2.2, wherein each of the rolled materials having a substantially rectangular cross section is processed in the intermediate rolling and the finish rolling steps for formation of a wire rod or a steel rod having a smaller diameter than the round billet/the square billet, and the aspect ratio is defined as a ratio B/H, provided that B: long side length in the substantially rectangular cross section of the rolled material after the hot rough rolling; H: short side length orthogonal to the long side length, of the same cross section.



No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2012

(21) Application No.243/KOL/2012 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : MACHINE AND METHOD FOR STAMPING METAL PARTS

(51) International classification	:B30B1/26
(31) Priority Document No	:11382231.6
(32) Priority Date	:08/07/2011
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CIE AUTOMOTIVE, S.A.

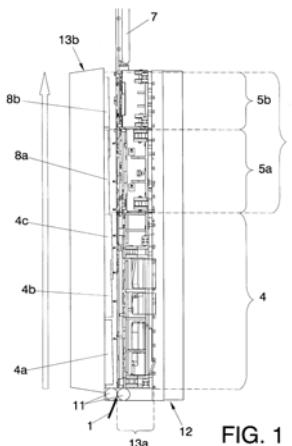
Address of Applicant :C/IPARRAGUIRRE 34, 2° DCHA
48011 BILBAO SPAIN

(72)Name of Inventor :

1)MARTINEZ CASTRO, JOSE CARLOS

(57) Abstract :

The invention relates to a stamping machine for metal parts with a plurality of successive die-cutting stations synchronized to shape metal parts from sheet metal coming from a coil of sheet metal supplied to the stamping machine through an inlet provided with inlet rollers for pushing the sheet metal to a first die-cutting station for progressively obtaining successive individualized sheets die-cut according to a predetermined pattern from the sheet metal, characterized in that it comprises a second die-cutting station (5) for receiving and die-cutting the individualized sheets and comprising a plurality of transfer dies (5a, 5b) arranged one after the other for shaping successive metal parts (3) with a three-dimensional configuration from the successive individualized sheets (1c) delivered by the first die-cutting station (4), the plurality of transfer dies comprising an initial transfer die (5a) for performing an initial die-cutting of each of the individualized sheets (1c) and obtaining successive initial parts (2a), and a final transfer die (5b) for performing a final die-cutting in each of the previously die-cut parts to obtain the metal parts (3); an outlet station (6) arranged at the outlet (5c) of the second die-cutting station (5) through which the metal parts (3) shaped in the second die-cutting station (5) are extracted; a longitudinal advance and retreat device for collecting the individualized sheets (1c) from the first die-cutting station and introducing them in the second die-cutting station (5) and moving the die-cut parts(2a, 2b) towards the outlet station (6) making synchronized stops during the action of each of the transfer dies (5a, 5b) in respective die-cutting positions, and which comprises respective side bars (9a, 9b) which are longitudinally movable in a longitudinal back and forth motion provided with gripping mechanisms comprising gripping clamps (9c, 9d) for gripping respective end portions facing the gripping clamps (9c, 9d), of the individualized sheets and of the successive die-cut parts (2a, 2b) when they are moved by the advance of the side bars (9a, 9b) towards the consecutive transfer dies (5a, 5b).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.925/KOL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : NOVEL TECHNIQUE OF HOLE PLUGGING IN FRICTION STIR WELDING

(51) International classification	:B23K20/12
(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)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :AT REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJ BLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA

(72)Name of Inventor :

1)KALIDAS ASOKKUMAR

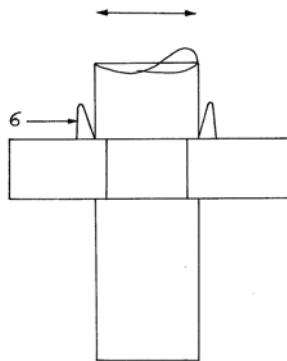
2)LUCKY GAUR

3)SIVASANKARAN MANOHARAN

4)DILEEP GUPTA

(57) Abstract :

A method of plugging holes created on a product welded in a friction stir welding machine, comprising the steps of: providing a first plate (4) over a second plate (5); welding the plates (4,5) to form a T-joint in a friction stir welding process adapting a friction stir welding machine having a tool pin (1), the withdrawal of the tool pin (1) on completion of the welding process creates a hole (3) on the welded product (4,5); providing a plug (3) on the hole (3), placing the tool pin (1) on the plug (3), and applying a vertically downward pressure on the tool pin (1) so as to fully insert the plug (3) into the hole (2); and rotating the tool pin (2) in an orbital motion on the surface of the base material (4,5) such that the plug (3) is seal-welded with the base material, characterized in that the plug (3) is formed with material same as that of the base material, in that the plug (3) is cylindrically shaped, and in that the height of the plug (3) is marginally higher than the thickness of the first plate (4).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2011

(21) Application No.924/KOL/2011 A

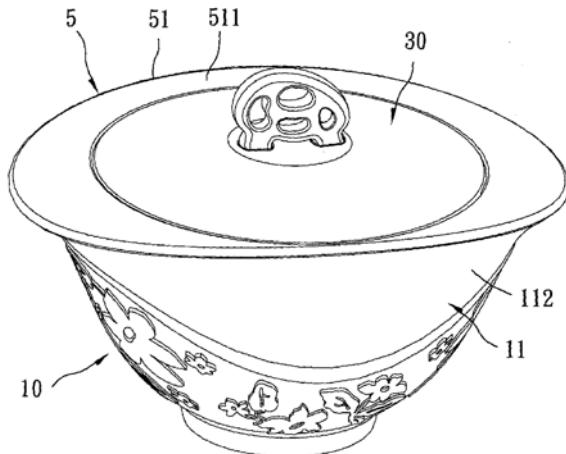
(43) Publication Date : 11/01/2013

(54) Title of the invention : THERMAL INSULATION CONTAINER

(51) International classification	:A47J41/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHINE LEE INDUSTRIAL CO., LTD.
(32) Priority Date	:NA	Address of Applicant :NO. 74, SECTION 6, AN HO ROAD,
(33) Name of priority country	:NA	TAINAN, TAIWAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YAO-KAI LU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A thermal insulation container includes: a bowl-shaped shell (11) having an upper rim (113) formed with a first engaging unit (12); and an inner pot (4) disposed in the shell (11) and having an assembly unit (5) that clamps an upper rim of the inner pot (4) and that includes a second engaging unit (6) to engage the first engaging unit (12) and to thereby retain the inner pot (4) in the shell (11).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.931/KOL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : A TRACK CHANGING DEVICE ON A MONORAIL TRACK FOR MULTI AISLE AUTOMATIC STORAGE AND RETRIEVAL SYSTEM (ASRS)

(51) International classification

:E01B29/16

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

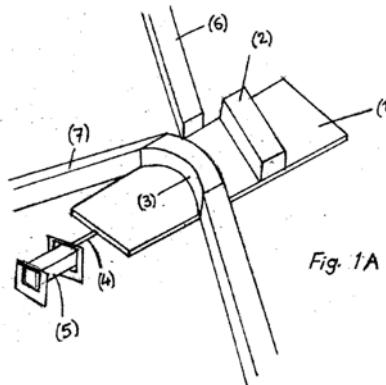
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Filing Date

:NA

(57) Abstract :

The present invention is provided with a track changing device on a Monorail Track for multi aisle Automatic Storage and Retrieval System (ASRS) comprising a movable base plate (1) embodied with a segment of straight rail (2) and a segment of curved rail (3) which are placed at a defined distance apart, disposed at a junction point of a straight rail and curved rail on other side and the base plate (1) is connected with a piston (4) of a hydraulic cylinder (5) and the hydraulic cylinder (5) is operated through a solenoid switch for both forward and backward motion through a hydro-power pack system; characterized in that, a control system is provided such that the movement of a Monorail Stacker takes place in two directions viz the straight route or curve route by the movable base plate either in forward direction or backward direction operated by the piston of the hydraulic cylinder.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.926/KOL/2011 A

(43) Publication Date : 11/01/2013

(54) Title of the invention : CORE METRO RAILWAY TICKETING SYSTEM

(51) International classification	:H04L12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DEBASISH BANERJEE

Address of Applicant :H1/30, SARSUNA SATELLITE
TOWNSHIP, KOLKATA-700061 West Bengal India

2)MANASH SARKAR

3)RAMESH CHANDRA POREL

(72)Name of Inventor :

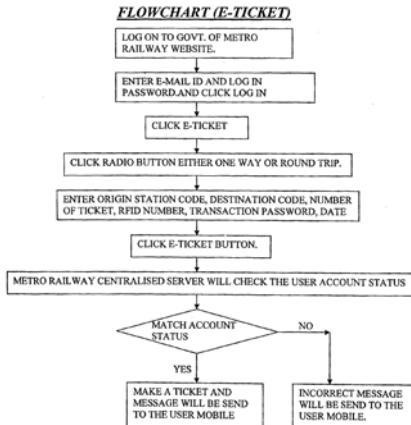
1)DEBASISH BANERJEE

2)MANASH SARKAR

3)RAMESH CHANDRA POREL

(57) Abstract :

Core Metro Railway Ticketing System is a type of ticketing system which help passengers to buy ticket through his/her mobile phone or internet for any city or state metro railway from anywhere of the country using RFID cum ATM card. It will save valuable time of passengers to avoid maintain long queue in front of the Ticket counter.



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

AMENDMENT UNDER SEC.57, KOLKATA .

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent Nos. **200495** and **207142** has been amended to :

M/S. RAHEE INFRATECH LIMITED.

**PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENT (CHENNAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
248747	M/s. AUDCO INDIA LIMITED	A VALVE GEAR BOX	19/11/2011	CHENNAI

**PUBLICATION U/S 60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (KOLKATA)**

Notice is hereby given that application for restoration of under mentioned patents have been allowed and said patents are restored.

Serial No.	Application Nos.	Patent No.	Applicants	Title	Date of Publication U/R 84(3)	Appropriate Office
1.	2049/CAL/1998	200036	VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO. AND BRIFER INTERNATIONAL LTD.	METHOD FOR REFORMING REDUCING GAS IN A FLUIDIZED BED PROCESS FOR REDUCTION OF ORE	08/06/2012	KOLKATA
2.	291/KOLNP/2004	209992	WIESER GERHARD, AND WIESER GUDRUN	A WIND POWER SYSTEM FOR GENERATING POWER.	16/03/2012	KOLKATA
3.	3100/KOLNP/2006	244173	DAEWOO ELECTRONICS CORPORATION	WASHING MACHINE EQUIPPED WITH A RADIATION DRYING UNIT.	09/03/2012	KOLKATA
4.	1156/CAL/1996	188832	SCHILL + SEILACHER AKTIENGESELLSCHAFT	A PROCESS FOR THE PREPARATION OF A 2-HYDROXY-DIPHENYL-2 PHOSPHINIC ACID	05/08/2011	KOLKATA
5.	694/KOL/2004	211711	BABCOCK - HITACHI K.K.	SOLID FUEL BURNER COMBUSTION METHOD COMBUSTION APPARATUS AND COMBUSTION APPARATUS OPERATION METHOD.	22/07/2011	KOLKATA
6.	732/KOLNP/2006	238737	SAMSUNG ELECTRONICS CO.LTD., AND BEIJING SAMSUNG TELECOM R&D CENTER	HRPD NETWORK ACCESS AUTHENTICATION METHOD BASED ON CAVE ALGORITHM	22/07/2011	KOLKATA

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	190622	79/DEL/1995	20/01/1995		A PROCESS FOR THE PREPARATION OF AMINES	NOVARTIS AG		DELHI
2	254920	1405/DEL/1997	27/05/1997	11/06/1996	A PROCESS FOR THE PREPARATION OF AN ESTER	DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED	25/03/2005	DELHI
3	254928	183/DELNP/2007	04/08/2005	06/08/2004	FURAN RESIN COMPOSITION FOR PRODUCTION OF MOLDS.	KAO CORPORATION	03/08/2007	DELHI
4	254929	1163/DEL/2001	20/11/2001		DISPOSABLE SURGICAL SAFETY SCALPEL	JAI SURGICALS LIMITED	06/07/2012	DELHI
5	254932	3107/DELNP/2006	02/12/2004	04/12/2003	METHOD FOR PROVIDING AN ANTAGONIST OF A GAG BINDING WILD TYPE PROTEIN	PROTAFFIN BIOTECHNOLOGIE AG.	24/08/2007	DELHI
6	254938	4581/DELNP/2005	08/04/2004	11/04/2003	A KIT FOR TREATING A PATIENT HAVING PARKINSON'S DISEASE	NEWRON PHARMACEUTICALS S.P.A.	17/08/2007	DELHI
7	254944	8055/DELNP/2007	16/01/2007	31/01/2006	SULFOPOLYESTER RECOVERY	EASTMAN CHEMICAL COMPANY,	04/07/2008	DELHI
8	254948	5355/DELNP/2006	03/03/2005	15/03/2004	A COMPOUND OF FORMULA I	BRISTOL-MYERS SQUIBB COMPANY.	17/08/2007	DELHI
9	254952	170/DELNP/2006	29/06/2004	09/07/2003	PROCESS FOR THE PRODUCTION OF A POLYMER COMPRISING MONOMERIC UNITS ETHYLENE, AN A-OLEFIN AND A VINYL NORBORNENE	DSM IP ASSETS B.V.	24/08/2007	DELHI
10	254962	8597/DELNP/2007	18/04/2006	27/05/2005	PROCESS FOR REDUCING BROMINE INDEX OF HYDROCARBON FEEDSTOCKS	EXXONMOBIL CHEMICAL PATENTS INC,	27/06/2008	DELHI
11	254966	5326/DELNP/2007	03/02/2005	03/02/2005	A METHOD OF MANUFACTURING A WIND TURBINE BLADE SHELL MEMBER	VESTAS WIND SYSTEMS A/S	31/08/2007	DELHI
12	254971	479/DEL/2006	21/02/2006		NOVEL DICARBANIONIC INITIATOR AND PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	10/09/2010	DELHI

Publication Under Section 43(2) in Respect of the Grant

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Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropria te Office
1	254915	175/MUMNP/2010	06/08/2008	10/08/2007	MYCOTOXIN SORBENT AND METHOD FOR PREPARING THE SAME	ANGEL YEAST CO. LTD	25/06/2010	MUMBAI
2	254916	1842/MUMNP/2009	14/03/2008	03/04/2007	A METHOD FOR MAKING A PUFFED SNACK	FRITO-LAY NORTH AMERICA, INC.	28/05/2010	MUMBAI
3	254923	1042/MUMNP/2009	19/11/2007	29/11/2006	A BEVERAGE COMPRISING A PRIMARY AND A SECONDARY EMULSIFIER	PEPSICO INC.	12/06/2009	MUMBAI
4	254934	2283/MUM/2007	19/11/2007		AUTOMATED FIFTH WHEEL COUPLING TEST RIG AND METHOD OF TESTING THEREOF	TATA MOTORS LIMITED	28/12/2007	MUMBAI
5	254939	140/MUM/2004	09/02/2004	06/03/2003	SYSTEMS AND METHODS FOR CREATING VIRTUAL NETWORK TOPOLOGY	MICROSOFT CORPORATION	05/05/2006	MUMBAI
6	254941	1058/MUM/2006	04/07/2006 13:46:51		IMPULSE SWITCH (IS)	BINAY KUMAR	04/07/2008	MUMBAI
7	254942	IN/PCT/2002/01158/MUM	21/02/2002	28/02/2001	AN INFORMATION RECORDING APPARATUS AND A METHOD THEREOF	SONY CORPORATION	05/06/2004	MUMBAI
8	254954	1715/MUMNP/2007	04/04/2006	04/04/2005	RAIL VEHICLE COMPRISING A COUPLING CONNECTION ADAPTED TO A CRASH SITUATION	SIEMENS AKTIENGESELLSCHAFT OSTERRICH	07/12/2007	MUMBAI
9	254957	1582/MUMNP/2008	20/08/2004	20/08/2003	ACYLOXYALKYL CARBAMATE PRODUCTS,	XENOPORT, INC.	24/10/2008	MUMBAI
10	254958	603/MUM/2007	30/03/2007 11:50:29		LACQUER COMPATIBLE DECALS FOR MOTOR VEHICLES AND THE PROCESS FOR MANUFACTURING THE SAME	PRS SOLUTIONS PRIVATE LIMITED	15/02/2008	MUMBAI

11	254959	1683/MUM/2006	12/10/2006		CENTRE LESS RUBBER COT ARBOUR HOLDING & GUIDING DEVICE	MEVADA, JITENDRA ISHWARBHAI,MISTRY, NARESH AMRUTLAL	26/10/2007	MUMBAI
12	254961	2010/MUM/2007	09/10/2007		THE METHOD OF POURING LIQUID METAL FROM ENCLOSED TUNDISH	RAVINDRA R. RUKDIKAR	29/05/2009	MUMBAI
13	254964	703/MUMNP/2007	22/11/2005	23/11/2004	MONOLITHIC STRUCTURE FOR A CATALYTIC REACTOR	FEINSTEIN JONATHAN JAY	03/08/2007	MUMBAI
14	254969	566/MUM/2009	16/03/2009		A PROCESS FOR SYNTHESIS OF POLYMER LATEX NANOPARTICLES BY MONOMER ATOMIZATION IN MICROEMULSION	NORTH MAHARASHTRA UNIVERSITY	19/11/2010	MUMBAI
15	254970	2587/MUM/2007	27/12/2007 15:37:10		PROCESS FOR MANUFACTURING EPOXY FOAM	ADITYA BIRLA CHEMICALS (THAILAND) LTD.	03/07/2009	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

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Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	254914	2688/CHENP/2004	30/04/2003	03/05/2002	METHOD FOR BRIGHTENING TEXTILE MATERIALS	BASF AKTIENGESELLSCHAFT	10/02/2006	CHENNAI
2	254917	3358/CHENP/2006	07/06/2004	16/03/2004	PESTICIDAL COMPOSITION AND METHOD FOR SEED TREATMENT	SYNGENTA PARTICIPATIONS AG	22/06/2007	CHENNAI
3	254918	643/CHENP/2006	25/08/2004	25/08/2003	AQUEOUS-BASED FROTH OF DISPERSED OLEFIN POLYMER	DOW GLOBAL TECHNOLOGIES , LLC	22/06/2007	CHENNAI
4	254919	4346/CHENP/2006	26/05/2005	27/05/2004	BINDING MOLECULES CAPABLE OF NEUTRALIZING RABIES VIRUS	CRUCELL HOLLAND B.V	29/06/2007	CHENNAI
5	254921	4727/CHENP/2006	21/06/2005	21/06/2005	HETEROCYCLIC CARBOXAMIDES WITH MICROBIOCIDAL ACTIVITY	SYNGENTA PARTICIPATIONS AG	29/06/2007	CHENNAI
6	254922	3351/CHENP/2006	16/03/2005	17/03/2004	INSTALLATION AND PROCESS FOR LOAD TRANSFER BETWEEN A TRANSFER PLATFORM AND A TRANSPORT VEHICLE	SCIERIE PIVETEAU	22/06/2007	CHENNAI
7	254924	2536/CHENP/2006	11/01/2005	13/01/2004	PORTABLE DEVICE FOR RECEIVING MEDIA CONTENT	KONINKLIJKE PHILIPS ELECTRONICS N.V.	08/06/2007	CHENNAI
8	254925	3585/CHENP/2006	26/02/2005	01/03/2004	A DOSE OF MULTILAYER SYNTHETIC RESIN AND A METHOD FOR PRODUCING THE SAME	AISAPACK HOLDING S.A	06/07/2007	CHENNAI
9	254926	2115/CHENP/2006	01/12/2004	01/12/2003	A METHOD OF ENCODING DATA IN ELECTRONIC FORM USING AN ENCODER FOR TRANSMISSION OVER A COMMUNICATION CHANNEL	DIGITAL FOUNTAIN, INC.	06/07/2007	CHENNAI

10	254927	4836/CHNP/2007	21/03/2006	30/04/2005	METHOD AND SYSTEM FOR PROVIDING GROUP CHAT SERVICE	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	10/02/2012	CHENNAI
11	254930	5185/CHNP/2007	19/12/2001	21/12/2000	STREPTOGRAMIN DERIVATIVES, THEIR PREPARATION AND COMPOSITIONS WHICH CONTAIN THEM	AVENTIS PHARMA S.A	27/06/2008	CHENNAI
12	254931	1957/CHNP/2008	18/10/2006	20/10/2005	DISTRIBUTOR DEVICE FOR A GAS PHASE/LIQUID PHASE MIXTURE FOR APPARATUSES	BASF SE	06/02/2009	CHENNAI
13	254935	1068/CHE/2005	05/08/2005		METHOD OF APPLYING FAST MOBILE INTERNET PROTOCOL VERSION 6 (MIPV6) FOR MOBILE NODES IN MOBILE NETWORKS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	27/07/2007	CHENNAI
14	254936	3414/CHNP/2006	18/02/2005	19/02/2004	A METHOD OF PROVISIONING A USER INTERFACE TO A MOBILE DEVICE	QUALCOMM CAMBRIDGE LIMITED	06/07/2007	CHENNAI
15	254937	1034/CHE/2004	07/10/2004		METHOD OF ROUTING AN INTERNET PROTOCOL VERSION 6 DATA PACKET IN AN INTERNET PROTOCOL VERSION 4 BASED NETWORK ENVIRONMENT	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	04/03/2005	CHENNAI
16	254943	3809/CHNP/2006	14/03/2005	15/03/2004	PHARMACEUTICAL COMPOSITIONS COMPRISING (+)-1,4-DIHYDRO-7-[(3S,4S)-3-METHOXY-4-(METHYLAMINO)-1-PYRROLIDINYL]-4-OXO-1-(2-THIAZOLYL)-1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID	SUNESIS PHARMACEUTICALS, INC,DAINIPPON SUMITOMO PHARMA CO., LTD	15/06/2007	CHENNAI
17	254945	887/MAS/1996	24/05/1996	26/05/1995	PRODUCTION PROCESS OF CYCLIC COMPOUND	DAIICHI PHARMACEUTICAL CO., LTD	04/03/2005	CHENNAI
18	254946	4339/CHNP/2007	30/03/2006	01/04/2005	A COMPOSITION COMPRISING NON-IMIDAZOLE ALKYLAMINES HISTAMINE H3-RECEPTOR LIGANDS AND AN ANTI-PARKINSON DRUG	BIOPROJECT	25/01/2008	CHENNAI

19	254947	175/CHE/2007	29/01/2007 16:09:18		AN IMPROVED SYNTHESIS OF (3R,4R)-4-ACETOXY-3-(1R-TERT-BUTYLDIMETHYLSILYLXYETHYL) AZETIDIN-2-ONE, A KEY INTERMEDIATE FOR PENEM AND CARBAPENEM SYNTHESIS	MYLAN LABORATORIES LTD	28/11/2008	CHEENNAI
20	254949	3372/CHENP/2006	16/03/2005	17/03/2004	GALENIC FORMULATIONS OF ORGANIC COMPOUNDS	NOVARTIS AG	22/06/2007	CHEENNAI
21	254950	3227/CHENP/2004	25/06/2003	08/07/2002	CONVEYOR BELT	FRIGOSCANDIA EQUIPMENT AB	03/03/2006	CHEENNAI
22	254951	638/CHE/2008	14/03/2008 15:42:19	16/03/2007	A ROLLER BEARING ASSEMBLY	Brenco Incorporated	11/09/2009	CHEENNAI
23	254953	1117/CHE/2008	06/05/2008 17:11:47	10/05/2007	VEHICLE STEERING STEM FASTENING STRUCTURE	HONDA MOTOR CO LTD	11/09/2009	CHEENNAI
24	254955	1046/CHENP/2006	26/08/2004	29/08/2003	SUBSTITUTED THIENO [2,3-D] PYRIMIDINES AS HSP 90 INHIBITORS	M/S. VERNALIS (CAMBRIDGE) Ltd ,CANCER RESEARCH TECHNOLOGY LIMITED,THE INSTITUTE OF CANCER RESEARCH	29/06/2007	CHEENNAI
25	254960	142/CHE/2005	18/02/2005	18/02/2004	A METHOD FOR PRODUCING AN AMORPHOUS WATER-SOLUBLE CALCIUM CITRATE SALT	KRAFT FOODS GLOBAL BRANDS LLC.	16/03/2007	CHEENNAI
26	254965	1967/CHE/2006	26/10/2006 15:42:31		A METHOD FOR POWDER COATING OF MONOCLINIC SUGAR CRYSTALS WITH SUCRALOSE POWDER	SALMAN JAVED	09/11/2007	CHEENNAI
27	254972	985/CHENP/2007	02/09/2005	09/09/2004	POLYMER LATEX SUITABLE FOR THE PREPARATION OF DIP-MOLDED ARTICLES	POLYMERLATEX GMBH	24/08/2007	CHEENNAI

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Seri al Nu mbe r	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	254933	1249/KOLNP/2007	30/09/2005	30/09/2004	OPTICAL INFORMATION RECORDING MEDIUM AND RECORDING METHOD THEREOF	TAIYO YUDEN CO., LTD.	20/07/2007	KOLKATA
2	254940	3596/KOLNP/2007	16/03/2006	25/03/2005	PROCESS FOR PRODUCING INK COMPOSITION FOR OFFSET PRINTING, AND INK COMPOSITION FOR OFFSET PRINTING PRODUCED BY SAID PRODUCTION PROCESS	SAKATA INX CORP.	18/01/2008	KOLKATA
3	254956	3308/KOLNP/2007	24/02/2006	25/02/2005	MULTI-CLASS FIRE EXTINGUISHING AGENT	FEDEX CORPORATION	18/01/2008	KOLKATA
4	254963	1278/KOLNP/2007	12/10/2005	26/10/2004	METHOD FOR COATING A SUBSTRATE USING PLASMA	DOW CORNING IRELAND LIMITED	20/07/2007	KOLKATA
5	254967	1035/KOLNP/2005	05/12/2003	31/12/2002	METHOD FOR ORGANIZING A PLURALITY OF CALENDAR EVENTS BY PROVIDING AN APPEARANCE OF A SINGLE USER CALENDAR ON AN ELECTRONIC DEVICE	MOTOROLA INC.	13/07/2007	KOLKATA
6	254968	1514/KOLNP/2006	12/11/2004	11/11/2003	VIRTUAL PRIVATE NETWORK, METHOD FOR SECURING COMMUNICATIONS WITH REMOTE CLIENT COMPUTING DEVICE BY ESTABLISHING VIRTUAL PRIVATE NETWORK AND COMPUTER SYSTEM THEREFOR	CITRIX GATEWAYS, INC.	04/05/2007	KOLKATA

CONTINUED TO PART- 2