पेटेंट कार्यालय का शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

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ISSUE NO. 01/2015	FRIDAY	DATE: 02/01/2015

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

02ND January, 2015

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THE PATENT OFFICE KOLKATA 02/01/2015

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

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

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 02/01/2015

कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेन्ट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ

नीचे दिए गए हैं :-

	नाच । दए ग	12.6	
1	कार्यालयः महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिहन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: <u>cgpdtm@nic.in</u>	4	पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: <u>chennai-patent@nic.in</u> ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा
2	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: <u>mumbai-patent@nic.in</u> रे गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.	5	पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप 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: <u>kolkata-patent@nic.in</u>
3	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: <u>delhi-patent@nic.in</u> ई.मेल: <u>delhi-patent@nic.in</u> र हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़ वेबसाइट' http://www		

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

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

शुल्क: शुल्क या तो नकद रूप में या "Controller of Patents" के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित 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 there is no third party representation.



बोद्धिक सम्पदा भारत एकस्य/अभिकल्प/व्यापार पिष्ट् गंगोतिक संकेत/पेर्टेट सूचना पद्धति INTELLECTUAL ROPERTY INDIA Patentin/Designs/Tade Marks Geographical Indications/ Patent Information System भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE

बोद्धिक संपदा भवन/BOUDHIK SAMPADA BHAWAN

सीपी-२/CP-2, सेक्टर- V/ Sector-V, साल्ट लेक/SALT LAKE

कोलकाता/KOLKATA- 700 091.

दूरभाष/Tel : (91)(33)2367 1943-46 : (91)(33)2367 1987(D).

संख्या/No. : H-45011/1/2004-Admn.

दिनांक/Date: 15-12-2014

LIST OF HOLIDAYS FOR THE YEAR - 2015

The following days have been declared as Holidays to be observed by the Patent Office Kolkata during the year 2015.

Sl. No.	Holidays & Connected Festivals	Date	Days of Week
1.	Id-E-Milad/Prophet Mohammad's Birthday *	January 04	Sunday
2.	Republic Day	January 26	Monday
3.	Holi	March 06	Friday
4.	Mahavir Jayanti	April 02	Thursday
5.	Good Friday	April 03	Friday
6.	Vaisakhadi (Bengal)	April 15	Wednesday
7.	Buddha Purnima	May 04	Monday
8.	Idu'l Fitr	July 18	Saturday
9.	Independence Day	August 15	Saturday
10.	Id-uz-Zuha (Bakrid)	September, 25	Friday
11.	Mahatma Gandhi's Birthday	October 02	Friday
12.	Additional Day for Dussehra (Maha Astami)	October 21	Wednesday
13.	Dussehra (Vijay Dashmi)	October 22	Thursday
14.	Muharram	October 24	Saturday
15.	Diwali (Deepavali)	November 11	Wednesday
16.	Guru Nanak's Birthday	November 25	Wednesday
	Id-E-Milad/Prophet Mohammad's Birthday *	December 24	Thursday
17.	Christmas Day	December 25	Friday

* Id-E-Milad/Prophet Mohammad's Birthday falls twice in the year 2015.

Note: Central Government Organizations, which include industrial, commercial & training establishments (i.e. other tha 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 b determined by such Establishments/Organizations themselves on year to year basis.

In deciding whether a particular Deptt/Establishment/Organization an industrial, commercial or trading organization (i.e. other than those doing work of Secretariat nature) the decision may be taken by the respective Ministry/Ministry c 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 th State Govt.



बौद्धिक सम्पदा भारत एकस्य/अभिकल्प/व्यापार चिह्न भौगोलिक संकेत/पेटेंट सूचना पद्धति INTELLECTUAL ROPERTY INDIA Patents/Designs/Trade Marks Geographical Indications/ Patent Information System संख्या/No:-H-45011/1/2004-प्रशा.



भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE बोद्धिक सम्पदा भवन/BOUDDHIK SAMPADA BHAWAN सीपी/CP-2, सेक्टर/Sector-V, साल्ट लेक/SALT LAKE कोलकाता/KOLKATA- 700 091.

दूरभाष/Tel : (91)(33)2367 1943-46 : (91)(33)2367 1987(D), फैक्स/Fax : (91)(33)2367 1988/1353, ई-गेल/E-Mail: kolkata-patent@nic.in, येव साइट/Website: www.ipindia.nic.in, : www.ipindia.gov.in

<u> दिनांक/Date: 15/12/2014</u>

वर्ष 2015 में छुट्टियों की सूची

वर्ष 2015 के दौरान पेटेंट कार्यालय, कोलकाता के लिए निम्नलिखित दिनों को छुट्टी घोषित किया गया है।

क्र.सं.	छुट्टियाँ तथा संबंधित त्यौहार	दिनांक	सप्ताह के दिन
1.	ईद-ए-मिलाद/प्रोफेट मोहम्मद जन्मदिवस*	जनवरी 04	रविवार
2.	गणतंत्र दिवस	जनवरी 26	सोमवार
3.	होली	मार्च 06	शुक्रवार
4.	महावीर जयंती	अप्रैल 02	गुरूवार
5.	गुड फ्राइडे	अप्रैल 03	शुक्रवार
6.	वैशाखदी (बंगाल)	अप्रैल 15	बुधवार
7.	वुद्ध पुर्णिमा	मई 04	सोमवार
8.	ईद-उल-फितर	जुलाई 18	शनिवार
9.	स्वतंत्रता दिवस	अगस्त 15	शनिवार
10.	ईद-उल-जुहा (बकरीद)	सितम्बर 25	शुक्रवार
11.	महात्मा गाँधी जयंती	अक्तुबर 02	शुक्रवार
12.	दशहरा के लिए अतिरिक्त दिन (महा अष्टमी)	अक्तुबर 21	बुधवार
13.	दशहरा (विजया दशमी)	अक्तुबर 22	गुरूवार
14.	मुहर्रम	अक्तुबर 24	शनिवार
15.	दिवाली	नवम्बर 11	बुधवार
16.	गुरूनानक जयंती	नवम्बर 25	बुधवार
	ईद-ए-मिलाद/प्रोफेट मोहम्मद जन्मदिवस*	दिसम्बर 24	गुरूवार
17.	क्रिसमस डे	दिसम्बर 25	शुक्रवार

*वर्ष 2015 में ईद-ए-मिलाद/प्रोफेट मोहम्मद का जन्मदिवस दो बार होता है।

टिप्पणी: केन्द्र सरकार के संस्थानों में, जिनमें औद्योगिक, वाणिज्यिक तथा प्रशिक्षण प्रतिष्ठान (यथा सचिवालयी प्रकृति से पृथक कार्य कराने वाले) शामिल हैं, इस वर्ष 16 अवकाश होंगे जिनमें से 3 (तीन) यथा गणतंत्र दिवस, स्वतंत्रता दिवस तथा महात्मा गाँधी जयंती अनिवार्य होंगे। शेष अवकाश/अवसर उन प्रतिष्ठानों/संस्थानों द्वारा प्रत्येक वर्ष स्वयं निर्धारित किए जायेंगे।

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।

मुस्लिम त्यौहारों की छुट्टी के दिन चाँद के दिखने तथा राज्य सरकार द्वारा लिये गये निर्णय के आधार 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.3169/DEL/2014 A
(19) INDIA	
(22) Date of filing of Application :03/11/2014	(43) Publication Date : 02/01/2015

(54) Title of the invention : ARTIFICIAL INTELLIGENCE BASED MODELING OF LIVER CANCER GROWTH INVESTIGATION

(51) International classification	:C12Q1/68	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHAKRABARTI PRASUN
(32) Priority Date	:NA	Address of Applicant :SIR PADAMPAT SINGHANIA
(33) Name of priority country	:NA	UNIVERSITY, UDAIPUR-313601, RAJASTHAN, INDIA
(86) International Application No	:NA	2)TIWARI MANISH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHAKRABARTI PRASUN
(61) Patent of Addition to Application Number	:NA	2)TIWARI MANISH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The analysis of intensity of liver cancer growth can be governed by concept learning and artificial neural modeling. The progress of treatment of liver cancer based on past event (intensities of cancer growth at specific observed timing instants) can be computed on the basis of neuro-associator. The augmentation or expansion of features indicating liver cancer growth can be quantified and realized based on Markov property based state transition.

No. of Pages : 7 No. of Claims : 3

(21) Application No.132/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : STAIRCASE CLIMBING PLATFORM DRIVEN BY CONJUGATE WHEELS.

	:B62D51/06,	(71)Name of Applicant :
(51) International classification	B62D57/00	1)MODAK GIRISH SUDHIR
(31) Priority Document No	:NA	Address of Applicant :1176, SADASHIV PETH,
(32) Priority Date	:NA	SHRIKRUPA APTS, PUNE-411 030, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MODAK GIRISH SUDHIR
(87) 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 :

Staircases are seen in almost every man made civil structure. The task of climbing stairs may seem very natural activity for a normal person but it becomes a major challenge for physically handicapped person on account of the obvious restrictions or for elderly person due to the ageing effect. Many old buildings in the densely populated areas of society are without elevators and these structurescant be re-developed just because they are without elevators. To transfer material from ground floor to upper levels is another challenge for even a normal person living in these old and high buildings without elevators. So Staircase Climbing Platform is a need of the day, at least in the developing countries. Available designs are not cost effective. This invention provides a new, innovative, simple but Affordable design of Staircase Climbing Platform. It uses wheels with their profile similar to a Pinion Gear perfectly conjugate to the staircase profile, treating the stairs as Rack. Due to the elimination of complicated parts and transmission elements, it is easily adoptable in the wheelchairs or in material transfer trolleys. The resultant Staircase Climbing Wheel-chair or Staircase Climbing Trolley is a Low Cost Solution to the problem being faced by substantially major class of society.

No. of Pages : 14 No. of Claims : 8

(21) Application No.4065/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :17/12/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN AUTOMATIC CONTINUOUS BOOK CUTTING APPARATUS WITH STOPPING MECHANISM

 (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 	:B65H 31/10 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Patel Udaykumar Chhabildas Address of Applicant :38/A, Nirant Park, Opp. Sun-N-Step Club, Thaltej, Ahmedabad 380052. Gujarat India (72)Name of Inventor : 1)Patel Udaykumar Chhabildas
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(57) Abstract :

An Automatic Continuous Book Cutting Apparatus with Stopping Mechanism The present invention relates to an automatic continuous book cutting apparatus with stopping mechanism comprising at least a pair of side cutting knife(ves) (1) arranged in series for cutting and/or trimming station(s) and means for causing their cutting and/or trimming actuation, a stopping mechanism containing a book stopper assembly having a book back stopper(s) (2) for momentarily stopping and holding a book(s) in association with the cutting knife(ves) (1) and a supporting bracket(s) for supporting the book(s) at said station(s) and to transfer therebetween so that by locating the book(s) on the supporting bracket(s) at said cutting and/or trimming station(s) for cutting and/or trimming of the side edge(s) and thereafter transporting the same to the delivering table. The book(s) is gripped by the cutting knives (1) and the book back stoppers (2) to cut the edge(s) by holding book(s). The present invention comprises numbers of cutting knives (1) and book back stoppers (2) to form cutting station(s) associated therewith as per requirement.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : A NOVEL BIO-FUEL COMPOSITION

(57) Abstract :

This invention relates to a novel bio fuel for use as a source of energy for diesel /Petrol Engine. This invention relates to a novel bio fuel composition for use as a source of enerev for diesel Engine comprising 80-60% of diesel oil and 20-40% of essential oil, characterized by the said essential oil Wended with diesel oil thereby decreasing consumption of fuel It control the Carbon emission by 40% to 50 %, boost & increase energy/calorie power of fuel for better performance , help in smooth running and more purity of fuels, energy calorie value, reduce noise and maintenance. High performance level of present equipments Also applicable in Petrol, Diesel, Furnace Oil, Wood Fire, Pallets etc. Saves 20 % fuels. GRAPH WHICH SHOWS THE REDUCTION OF EMISSION OF CARBON AND REDUCTION IN NOISE POLLUTION WHEN 50 ml BIO FUEL IS MIXED IN 10 - 20 Itrs / Kg. OF FUEL /DIESEL /PETROL.

No. of Pages : 27 No. of Claims : 5

(22) Date of filing of Application :18/12/2014

(54) Title of the invention : METHOD FOR EXECUTION LOAD BALANCING OF ADVANCED ENCRYPTION STANDARD (AES) WITH ASYMMETRIC KEY DEPENDENT DYNAMIC S-BOXES

(51) International classification	:H04L 9/08	(71) Name of Applicant : 1)NAVIN D. JAMBHEKAR Address of Applicant :OLD CITY, NEAR KALINKA DEVI
(31) Priority Document No	:NA	MANDIR, AT POST TAL MURTIZAPUR, DIST. AKOLA PIN:
(32) Priority Date	:NA	444107, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)DR. SANJEEV JAIN
Filing Date	:NA	3)DR. VILAS M. THAKARE
(87) International Publication No	: NA	4)DR. MRS. CHITRA A. DHAWALE
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
11		1)NAVIN D. JAMBHEKAR
Filing Date	:NA	2)DR. SANJEEV JAIN
(62) Divisional to Application Number	:NA	3)DR. VILAS M. THAKARE
Filing Date	:NA	4)DR. MRS. CHITRA A. DHAWALE

(57) Abstract :

The Advanced Encryption Standard AES/RijnDael is used for information security. Its framework includes the non key dependent Sbox which is static and uses the key expansion process. The AES uses symmetric key for both encryption and decryption. In this invention, the substitution matrix is key dependent and dynamic with removing of the key expansion process in the middle of the framework. Instead of using the symmetric key feature, this method uses the asymmetric key with the facility of public and private feature. The key generation, S-box generation and key expansion process is dynamic and dependent on the encryption and decryption end users. The security is enhanced against the different hardware and software cryptanalytic attacks. The processing speed of encryption and decryption process increases by reducing the structure of AES by eliminating the S-box generation, key expansion and key transmission from encryption end to decryption end.

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

(19) INDIA

(22) Date of filing of Application :18/12/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : A NOVEL BIO-FUEL COMPOSITION (71)Name of Applicant : :C10L 1)HITESH M. BHATT (51) International classification 1/14Address of Applicant : B/68, VARDHMAN KUTIR. (31) Priority Document No :NA SHANKAR LANE, KANDIVALI (WEST), MUMBAI-400 067 (32) Priority Date :NA MAHARASHTRA, INDIA (33) Name of priority country :NA 2)MUKESH B. MEHTA (86) International Application No :NA **3)KUSHAL M. MEHTA** Filing Date :NA 4) TANMAY H. BHATT (87) International Publication No : NA (72)Name of Inventor : (61) Patent of Addition to Application Number :NA 1)HITESH M. BHATT Filing Date :NA 2)MUKESH B. MEHTA (62) Divisional to Application Number :NA **3)KUSHAL M. MEHTA** Filing Date :NA 4)TANMAY H. BHATT

(57) Abstract :

This invention relates to a novel bio fuel for use as a source of energy for diesel /Petrol Engine. This invention relates to a novel bio fuel composition for use as a source of energy for diesel Engine comprising 80-60% of diesel oil and 20-40% of essential oil, characterized by the said essential oil blended with diesel oil thereby decreasing consumption of fuel. It control the Carbon emission by 40% to 50 %, boost & increase energy/calorie power of fuel for better performance , help in smooth running and more purity of fuels, energy calorie value , reduce noise and maintenance. High performance level of present equipments. Also applicable in Petrol, Diesel, Furnace Oil, Wood Fire , Pallets etc. Saves 20 % fuels. GRAPH WHICH SHOWS THE REDUCTION OF EMISSION OF CARBON AND REDUCTION IN NOISEPOLLUTION WHEN 50 ml BIO FUEL IS MIXED IN 10 - 20 ltrs / Kg. OF FUEL /DIESEL /PETROL.

No. of Pages : 27 No. of Claims : 5

(22) Date of filing of Application :16/12/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : TRIAZINE DENDRIMER BASED ON BENZENE 1,4-DIAMINE, PROCESS FOR THE PREPARATION THEREOF AND USE THEREOF.

 (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 	:C08G 12/30, C07H21/04 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)PATEL PRAVINKUMAR MAGANLAL Address of Applicant :DEPARTMENT OF INDUSTRIAL CHEMISTRY, V.P. & R.P.T.P. SCIENCE COLLEGE, VALLABH VIDYANAGAR-388120, ANAND, GUJARAT, INDIA. 2)GAJJAR DHAVALKUMAR GHANSHYAMBHAI 3)PATEL RINKESHKUMAR MANAHARBHAI 4)PATEL HEMA NARENDRAKUMAR 5)PATEL RAJNIKANT MULJIBHAI 6)PATEL NIRMALKUMAR MAGANLAL (72)Name of Inventor : 1)PATEL PRAVINKUMAR MAGANLAL 2)GAJJAR DHAVALKUMAR MAGANLAL 3)PATEL RINKESHKUMAR MAGANLAL 6)AJAR DHAVALKUMAR MAGANLAL 6)PATEL RINKESHKUMAR MANAHARBHAI
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(57) Abstract :

Triazine dendrimer based on benzene 1,4-diamine, process for the preparation thereof and use thereof. The present invention relates to novel p-Phenylenediamine based triazine dendrimer of formula (A). The present invention also relates to a process for the preparation of p-Phenylenediamine based triazine dendrimer of formula (A) wherein p-Phenylenediamine based triazine dendrimers of formula (A) are prepared from the novel intermediates as disclosed hereinafter in the said Patent Application. Due to its unique properties such as nanoscale monodispersity, nanoscale container and scaffolding properties, amplification and functionalization of surface groups and nanoscale size and dimension, p-Phenylenediamine based triazine dendrimers of formula (A) and its intermediate dendrimers found applicable in drug delivery, cancer therapy, catalysis, in preparation of encapsulated nanoparticles, drug solubilisation, in waste water treatment etc.

No. of Pages : 57 No. of Claims : 25

(22) Date of filing of Application :16/12/2014

(54) Title of the invention : AN EFFICIENT GREEN SOLUTION FOR HANDLING AND DISPOSAL OF RECYCLE OR NON-RECYCLE WASTE MATERIAL.

 (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 	:A01K 1/01 :NA :NA :NA :NA : NA : NA :NA :NA	 (71)Name of Applicant : 1)MRS. SHABANA PARVEZ MALIM Address of Applicant :MRS. SHABANA PARVEZ MALIM B-403, ATLANTIC SAGAR CITY, V.P. ROAD, OFF S. V. ROAD, ANDHERI (WEST), MUMBAI 400058, MAHARASHTRA, INDIA. (72)Name of Inventor : 1)MRS. SHABANA PARVEZ MALIM
11		
(62) Divisional to Application Number Filing Date	:NA :NA	
8		

(57) Abstract :

The present invention relates to an automatic eco-friendly recycle and non-recycle refuse collection device for handling and disposal household or commercial waste material wherein includes all kind of waste material such as solidifying waste, semi solidifying waste and general liquid waste which automatically sorts, process thereof.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :16/12/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : HYDRAULIC HYBRID REGENERATIVE BRAKING SYSTEM

	:B60K6/12,	(71)Name of Applicant :
(51) International classification	B60K25/00,	1)Saurabh D Govilkar
	B60L3/00	Address of Applicant :1-B/602, Ahimsa Dham, Link Road,
(31) Priority Document No	:NA	Malad West, Mumbai 400064, Maharashtra, India.
(32) Priority Date	:NA	2)Abhishek S Purandare
(33) Name of priority country	:NA	3)Deepak V Rao
(86) International Application No	:NA	4)Nikhil Belsure
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Saurabh D Govilkar
(61) Patent of Addition to Application Number	:NA	2)Abhishek S Purandare
Filing Date	:NA	3)Deepak V Rao
(62) Divisional to Application Number	:NA	4)Nikhil Belsure
Filing Date	:NA	

(57) Abstract :

The present invention discloses a hydraulic hybrid regenerative braking system adapted to be positioned on a rear wheel and a carriage of a vehicle. The hydraulic hybrid regenerative braking system comprises a gear train sub-assembly that couples to a bidirectional hydraulic gear motor. The bidirectional hydraulic gear motor communicates with a reservoir, an accumulator and an opposed pair of solenoid actuated directional control valves. The solenoid actuated directional control valves direct hydraulic fluid through a plurality of hoses connected thereto. The solenoid actuated directional control valves actuate through a launching switch and a braking switch in order to optionally activate a recirculation mode, a braking mode and a launch mode of the hydraulic hybrid regenerative braking system.

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

(54) Title of the invention : SYNTHETIC SOUTH INDIAN MRUDANGA

(19) INDIA

(21) Application No.6303/CHE/2014 A

(22) Date of filing of Application :15/12/2014

(43) Publication Date : 02/01/2015

:G10D (71)Name of Applicant : (51) International classification (31) Priority Document No 1)DR. K. VARADARANGAN :NA (32) Priority Date Address of Applicant :NO. 86, HARIPRIYA, TEMPLE :NA (33) Name of priority country STREET, NGEF LAYOUT, SADANANDANAGAR, :NA (86) International Application No BANGALORE-560 036 Karnataka India :NA Filing Date (72)Name of Inventor: :NA (87) International Publication No : NA 1)DR. K. VARADARANGAN (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention presents a method of construction of the south Indian Mrudariga using synthetic materials. The Mrudariga consists of a fibreglass shell and synthetic drum heads. The right drum, head consists of three rriembranes-an inner membrane, a middle membrane, arid an outer membrane. The middle membrane has a centrally located circularly symmetric loaded region. formed/by bonding an elastomeric material on to it through a chemical process. The outer membrane with a circular cutout has plastic strips on the underside enabling the production of, the Ghapusound of the Mrudanga. The inner membrane which is in contact with the shell has a cut-out. slightly smaller than the right aperture and serves to protect the middle membrane from wear and tear. The left drum head consists of three membranes-a protective inner membrane, in the form-of an annular ring, a middle membrane which has an elastomeric loading on the underside so as to be able to produce low pitched bass tones, and an outer membrane with a cut out to prevent ringing of the middle membrane. The drum heads are attached to the shell by means of a set of clamps, on the drum heads, a set of lugs on the drum shell, and a set of bolts and nuts. The drum isequipped with side covers to conceal the clamps and provide support for the hands and fingers while playing the instrument.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :30/04/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DE-ERECTION AND RE-ERECTION OF A BLADE OF A WIND TURBINE

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NA	 (71)Name of Applicant : 1)WINDCARE INDIA PVT LTD Address of Applicant :No:3/241-A, Four Road, Thirumalai Nagar, Gudimangalam (Po), Udumalpet, Tirupur District - 642 201, Tamilnadu, India (72)Name of Inventor : 1)SENTHOORPANDIAN ANTHONYRAJ PREM KUMAR 2)NAGRATHINAM KALIMUTHU
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(57) Abstract :

A system for de-erection and re-erection of a blade of a wind turbine, the system comprising at least one first pulley, at least one second pulley, at least one third pulley, a receptacle disposed over a substantial length of the blade, a lifting line passing over the at least one first pulley, the at least one second pulley, the at least one third pulley and attached back to the at least one second pulley, at least one load bearing mechanism configured for pulling and releasing of the lifting line to enable vertical motion of the receptacle disposed over the blade, a load supporting mechanism connected to an operative bottom portion of the blade and configured to support the blade during de-erection and re-erection thereof and at least one holding mechanism attached to the at least one third pulley, the at least one holding mechanism adapted to hold the receptacle.

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

(19) INDIA

(22) Date of filing of Application :19/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LUFFACRETE PANELS		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:c03C :NA :NA :NA	(71) Name of Applicant : 1) DR. R. PALANISAMY Address of Applicant :214 A /16 F, KAMARAJ NAGAR, BHAVANI - 638 302 Tamil Nadu India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)DR. R. PALANISAMY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

In recent years, many attempts have been made to use the natural, fibers in many fields of applications to fabricate the new materials with different functionalities. The natural fibre used as raw materials in order to enhance the properties of materials as well as the strength and durability. One of the natural materials such as luffa fibre has found in worldwide is more because of its relatively moderate cost of production from the agricultural industry. The addition of luffa fibre in panels reduces the amount of environmental pollution to the environment. During the reaction with epoxy the formation of matrix between them to increases a higher densification of the matrix which improves the strength and durability of door panels. Furthermore the epoxy can fill the spaces between the fibers acting as filler. The agro based natural composite panel have been found to improve the compressive strength ,moisture content, density, modulus of rupture and acid resistance. Many of the literature surveys revealed that the utilization of ago based natural fibre results in a more homogenous and finer pore structure.

No. of Pages : 5 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :30/05/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOVEL DESIGN OF MULTIPLE MICROWAVE/RADIOFREQUENCY (MW/RF) MAGNETRON HEATED SINGLE VESSEL/REACTOR/CHAMBER AND ITS VARIOUS APPLICATIONS INCLUDING A NOVEL DEHYDRATION PROCESS EMPLOYING SOLVENT EXTRACTION AND SOLVENT RECOVERY

(51) International classification	:F26B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. MANOJ CHUZHATTIL NARAYANAN
(32) Priority Date	:NA	Address of Applicant : PELICAN BIOTECH & CHEMICAL
(33) Name of priority country	:NA	LABS PVT. LTD, KP 1/77, NC JOHN ESTATE,
(86) International Application No	:NA	KUTHIATHODE, ALAPPUZHA DISTRICT - 688 533 Kerala
Filing Date	:NA	India
(87) International Publication No	: NA	2)DR. PRIYA RAGHAVENDRA RAO
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. MANOJ C. NARAYANAN
(62) Divisional to Application Number	:NA	2)DR. PRIYA R. RAO
Filing Date	:NA	3)DR. THOMAS JACOB

(57) Abstract :

This invention describes large microwave/radiofrequency (RF/MW) heating equipments scalable to any size heated with RF/MW heating systems employing multiple magnetrons independent of its wave characteristics arranged in a particular fashion to avoid wave interferences and concentrated heating without turn tables. The invention also explains the various embodiments of the invention like solvent dehydration and solvent recovery using the above mentioned invention.

No. of Pages : 13 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :30/10/2014

(54) Title of the invention : KVSV INSTANT ENERG	GY SYSTEM	
(51) International classification	·F16H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHAMPATI RAMA RAJU
(32) Priority Date	:NA	Address of Applicant :KVSV, ENGINEERING
(33) Name of priority country	:NA	INDUSTRIES, SHED NO. D-55, SY NO.79, PHASE-IV EXTN.,
(86) International Application No	:NA	I.D.A., JEEDIMETLA, HYDERABAD - 500 055 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)CHAMPATI RAMA RAJU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A non-polluting, zero hazardous gas emission electricity generating hybrid system is provided with a hydraulic pressure drive cylinder. To one end of the linear movement, drive cylinder is connected with a fluid reservoir containing the fluid to be supplied to the drive cylinder. The fluid from the reservoir is pressured through the inlet pipes by the mechanical pump electrically connected to the motor positioned on top of the said fluid reservoir. To the other end of the linear movement drive cylinder is provided an outlet means for collecting the said fluid into the fluid reservoir enabling the linear movement for the hydraulic cylinder. The linear movement of the hydraulic cylinder is executed by the provision of rack assembly comprising of opposed, spaced apart longitudinal portions joined by curved end portions, arrayed to form a substantially continuous engaging surface and pinion wheel arrangement in a vertical direction. The accumulated hydraulic pressure in the drive cylinder induces its vertical downward movement along the rack and pinion wheel arrangement. The reverse movement of the hydraulic drive cylinder is controlled by the lever mechanism connected at the rear end of the rack arrangement. The pinion wheel arrangement is mechanically coupled to the transmission gears and the drive gears fitted in the frame encompassing the rack and pinion wheel arrangement. The gears are actuated by the mechanical linear and vertical movement of the hydraulic pressure drive cylinder for converting the mechanical energy into electrical energy. The generated electrical energy is stored and transmitted to the required destination through the transmission gear. The drive gear couples a part of the generated electrical power to the electric motor installed on the fluid reservoir for automating the supply of the fluid from the reservoir to the hydraulic pressure drive cylinder/ The other embodiment of the invention comprises at least two hydraulic pressure cylinders operating in the bicycle mode for the generation of electricity. The two cylinders are connected through a fly wheel mechanism engaging a connecting, rod at its centre. The flow of the fluids between the said cylinders generates the bicycle movement resulting in the continuous operation of the system for power production.

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

(19) INDIA

(22) Date of filing of Application :31/10/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : AUTOMATIC DOUGH EXTRUDING APPARATUS

	1010	
(51) International classification	:A21C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAIDU SHAMEER
(32) Priority Date	:NA	Address of Applicant : THATTUPARAMBIL HOUSE,
(33) Name of priority country	:NA	CHERUVATTOOR PO, KOTHAMANGALAM,
(86) International Application No	:NA	ERANAKULAM - 686 691 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SAIDU SHAMEER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Automatic dough extruding apparatus wherein the dough filled in a cylindrical chamber (17) is pressed under pressure through an extruding die provided with multiple apertures by a piston (21) driven by a dual direction electric motor (3) is disclosed. Said apparatus also features a means to harness potential energy during the upward motion of the piston wherein said stored potential energy is tapped to aid the downward motion of the piston.

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

(19) INDIA

(22) Date of filing of Application :05/11/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : NUTRIENT OPTIMIZER		
	2214	
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)D.S.N.Sandeep
(32) Priority Date	:NA	Address of Applicant :12-2-823/B/9, Income Tax colony,
(33) Name of priority country	:NA	Mahdipatnam, Hyderabad Telangana India
(86) International Application No	:NA	2)V.V.N. Krishna Kanth
Filing Date	:NA	3)K.Srinivas sai gopal
(87) International Publication No	: NA	4)Vardhishna Malapaka
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Vardhishna Malapaka
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Agriculture is perhaps the oldest science that is known to man. Providing nutrients has been an important part ever since. Due to the onset of chemicals and chemical industries all around the world, people started using chemicals as nutrients. But research off late has been proving facts that it is very important not to use chemicals as nutrients. Research has also proved it important to use organic nutrients for plants, animals, and humans. In a situation where plants and animals are being fed with inorganic harmful chemicals we have come up with equipment which uses nutrients, which are completely organic, and which mainly decreases the chemical exposure. This machine gives out a perfect product, tailor made to any crop and/or animal.

No. of Pages : 12 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION		(21) Application No.6481/CHE/2014 A
(19) INDIA		
(22) Date of filing of Application :23/12/2014		(43) Publication Date : 02/01/2015
(54) Title of the invention : DOMESTIC WASTE DISPOSAI	L UNI	Т
(31) Priority Document No:1(32) Priority Date:1(33) Name of priority country:1(33) Name of priority country:1(86) International Application No:1Filing Date:1(87) International Publication No:1(61) Patent of Addition to Application Number:1Filing Date:1(62) Divisional to Application Number:1	NA NA	 (71)Name of Applicant : 1)MR. SUJAN C.K Address of Applicant :CHEMBANADATH HOUSE, CHANDAPURA WEST KODANGALLUR-680664 THRISSUR DISTRICT Kerala India (72)Name of Inventor : 1)MR. SUJAN C.K

(57) Abstract :

The invention as to Domestic Waste Disposable Unit pertains to a process where it involves systems and methods for the purpose of burning dry and wet waste without using fuel. This unit is comparatively a smaller unit with less weight. The invented product is effective for burning wet and dry waste even in a domestic ambience and more importantly without consumption of any fuel. The product is an absolutely air tight unit involving a system of automatic air sucking externally, which is essential for burning the waste. The unit has got an excellent air passage system to release the air. The burning of the waste can be brought to a halt by closing air inlet and air outlet valve.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :16/10/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : A NOVEL GREEN SYNTHESIS OF LOW COST ZINC OXIDE NANO PARTICLES AND ITS PHARMACOLOGICAL ACTIVITY

 (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 	:NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)DR. J. SIRAJUDEEN Address of Applicant :63, E. PANGALI STREET, WORAIYUR, TRICHIRAPPALLI - 620 003 Tamil Nadu India 2)MR. J. NAVEEN 3)MR. S. ARULMANIKANDAN (72)Name of Inventor : 1)DR. J. SIRAJUDEEN
(62) Divisional to Application Number Filing Date	:NA :NA	3)S. ARULMANIKANDAN

(57) Abstract :

Nanomaterials are cornerstones of nanoscience and nanoteehnology.Nanoparticle research is currently an area of intense scientific interest due to a wide variety of potential applications in biomedical, optical and electronic fields. Green and novel nano size Zinc oxide particles were synthesized from the plant source by efficient slightly modified combustion method. The peak obtained from the FT-IR spectrum is the characteristic peak of Zn-0 bond. The powder X-ray diffraction study for the synthesized ZnO nanoparticles suggests hexagonal wurzite structure for it. The particle size was identified by the Debye-Scherer formula and found to be in the range of 35nm. The morphology was analyzed by SEM and it was found that the synthesized nanoparticles wre in the form of clusters. The EDX measurements confirmed the composition of Zn and 0 in the synthesized ZnO nano particles. The potential efficacies against the bacterial and funga! strains were studied for the ZnO nanoparticles synthesized from the green route. The study ascertains that the synthesized ZnO nano particles have a good efficacy against both bacterial and fungal organisms.

No. of Pages : 14 No. of Claims : 5

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

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

(21) Application No.10014/DELNP/2013 A

(54) Title of the invention : A SYSTEM AND METHOD FOR ESTABLISHING COMMUNICATION FOR NETWORK CONNECTED DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H04W8/00,H04L29/08 :11300357 :09/05/2011 :Sweden	 (71)Name of Applicant : 1)CUMBARI AB Address of Applicant :Linngatan 20 SE 114 47 Stockholm Sweden
(33) Name of priority country(86) International Application No	:Sweden :PCT/SE2012/000057	
Filing Date	:26/04/2012	(72)Name of Inventor : 1)HYNELL Harald
(87) International Publication No	:WO 2012/154101	2)J–NSSON Andreas
(61) Patent of Addition to Application Number	:NA	3)N,,SLUND Ove 4)BOGESTAM Kent
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
	.1 12 1	

(57) Abstract :

A method and a system for establishing communication among a plurality of network connected devices which are unaware of network and service addresses. The direct communication is facilitated by a network connected server device providing a common platform for a plurality of requesting devices to request a plurality of target devices by any means of initiation for a plurality of service attributes. The network connected server device has an intermediary function to make the system compatible with all means of initiation and wherein it is absent in service level communication of the devices.

No. of Pages : 23 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:13/161099	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:15/06/2011	Address of Applicant : P.O. Box 8102 Reno NV 89507 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/041334	1)VELUMMYLUM Piragash
Filing Date	:07/06/2012	2)OLSON Johanna S.
(87) International Publication No	:WO 2012/173865	3)SMITH Korwin J.
(61) Patent of Addition to Application	:NA	4)WOOD James H.
Number	:NA :NA	5)EMERY Christopher G.
Filing Date	.INA	6)MA Wenlin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 (L

(54) Title of the invention : LOCAL NETWORKED STORAGE LINKED TO REMOTE NETWORKED STORAGE SYSTEM

(57) Abstract :

Disclosed are various embodiments for local networked storage that is linked to a remote networked storage system. In a client application it is determined whether a local networked storage system is accessible to the client through a local network. A file is sent to the local networked storage system over the local network for storage by the local networked storage system when the local networked storage system over a remote network for storage by the remote networked storage system in association with a user account when the local networked storage system is determined not to be accessible through the local network.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE WITH AT LEAST ONE CYLINDER

 (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 	:30/05/2012 :WO 2012/171789 :NA :NA	 (71)Name of Applicant : 1)AVL LIST GMBH Address of Applicant :Hans List Platz 1 A 8020 Graz Austria (72)Name of Inventor : 1)MELDE TUCZAI Helmut 2)ZURK Andreas 3)KNOLLMAYR Christof
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an internal combustion engine (1) comprising at least one cylinder (6) with a piston (7) which moves back and forth and comprising a crankcase (2) in which a crankshaft (9) and at least one auxiliary shaft (10) that is driven by the crankshaft (9) are mounted. The crankcase (2) has at least one connecting surface (12) that is arranged on a connecting plane () for connecting an oil pan (13). The aim of the invention is to allow a simple manufacture and assembly. This is achieved in that the rotational axes (9a 10a) of the crankshaft (9) and/or the auxiliary shaft (10) are spaced from the connecting plane ().

No. of Pages : 14 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PHOTOVOLTAIC CONNECTOR ASSEMBLY COMPRISING A CABLE LOCATOR HAVING WINGS ENGAGING THE HOUSING

 (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 	:H01R13/58,H01R101/00 :13/158856 :13/06/2011 :U.S.A. :PCT/US2012/041843 :11/06/2012 :WO 2012/173915 :NA :NA :NA	 (71)Name of Applicant : 1)TYCO ELECTRONICS CORPORATION Address of Applicant :1050 Westlakes Drive Berwyn PA 19312 U.S.A. (72)Name of Inventor : 1)ROMAN Jr. Paul David
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(57) Abstract :

A photovoltaic connector assembly (102) includes a housing (140) that has a mating end (142) and a cable end (144). The housing has a securing feature (146) that is configured to secure the housing to another photovoltaic connector assembly (104). The housing has a cavity (148) that extends between the mating end and the cable end. A terminal (160) is received in the cavity. The terminal is configured to be mated to a corresponding terminal (260) of the other photovoltaic connector assembly. The terminal is configured to be terminated to a cable (110). A cable locator (170) is configured to be coupled to the cable rearward of the terminal. The cable locator has wings (176) that extend from opposite sides (178) of the cable locator. The cable locator is received in the cavity. The wings engage the housing to position the cable locator within the cavity.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : GENERATION OF BUILDING INSTRUCTIONS FOR CONSTRUCTION ELEMENT MODELS

(51) International classification:A63H33/04,G06T19/00,A63F9/24		(71)Name of Applicant :
(31) Priority Document No	:PA 2011 70255	1)LEGO A/S
(32) Priority Date	:23/05/2011	Address of Applicant :stvej 1 DK 7190 Billund Denmark
(33) Name of priority country	:Denmark	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/059471 :22/05/2012	1)MUTHYALA Siddharth 2)VAN BEEK Harm Jan 3)GUYON Nicolas David Alain
(87) International Publication No	:WO 2012/160057	4)LASORNE Frantz 5)JENSEN Mikkel Holm
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A toy construction system comprising a set of toy construction elements with coupling means for releasably interconnecting the toy construction elements; and a data processing system comprising image capturing means processing means and display means wherein the data processing system is adapted to capture an image of a partial toy construction model constructed from a subset of the toy construction elements; process the captured image to detect at least a position and an orientation of the partial toy construction model; identify a user selection indicative of a user selection of at least one of a set of subsequent construction elements each subsequent construction element being connectable to the partial toy construction model; responsive to the detected position and orientation of the partial toy construction model display on said display means a composite image comprising the captured image having superimposed an image of at least the selected subsequent construction element.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : A TOY CONSTRUCTION SYSTEM FOR AUGMENTED REALITY

(51) International classification	n:A63H33/04,G06T19/00,A63F9/24	(71)Name of Applicant :
(31) Priority Document No	:PA 2011 70254	1)LEGO A/S
(32) Priority Date	:23/05/2011	Address of Applicant :stvej 1 DK 7190 Billund Denmark
(33) Name of priority country	:Denmark	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/059469 :22/05/2012	1)MUTHYALA Siddharth 2)VAN BEEK Harm Jan 3)GUYON Nicolas David Alain
(87) International Publication No	:WO 2012/160055	4)LASORNE Frantz 5)JENSEN Mikkel Holm
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A toy construction system comprising toy construction elements the toy construction elements comprising coupling means for releasably interconnecting the toy construction elements comprising one or more marker construction elements comprising such coupling means and each having a visual appearance recognisable by an image processing means and a data processing system comprising image capturing means image processing means and display means wherein the data processing system is adapted to capture an image of a toy construction model constructed from the toy construction elements to process the captured image to detect at least a presence of at least one of the marker construction elements within the captured image; responsive to the detected marker construction element to generate a computer generated image; and to display on said display means a composite image comprising the captured image having superimposed the generated computer generated image.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ARRANGEMENT FOR DEFLECTING A RAIL VEHICLE CENTRAL BUFFER COUPLING UNHITCHED IN THE COURSE OF A COLLISION DUE TO FAILURE OF AN OVERLOAD SAFETY DEVICE

 (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 	:B61G7/10 :A 883/2011 :16/06/2011 :Austria :PCT/EP2012/058101 :03/05/2012 :WO 2012/171714 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS AG –STERREICH Address of Applicant :Siemensstrae 90 A 1210 Wien Austria (72)Name of Inventor : 1)GRAF Richard
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(57) Abstract :

The invention relates to an arrangement for deflecting a central buffer coupling (4) of a rail vehicle (1) which coupling has become unhitched in the course of a collision due to the failure of an overload safety device (9) comprising a coupling plate (2) and a coupling support (3) fixed to said coupling plate (2) wherein an aperture (12) is provided in the coupling plate (2) through which aperture a coupling (4) passes after the failure of an overload safety device (9). A shear plate (5) is provided behind said aperture (12) and is connected to the coupling support (3) and the coupling plate (2) by means of connecting elements (6) wherein the coupling (4) penetrating through the aperture (12) severs the connecting elements (6) whereby the shear plate (5) and the coupling support (3) become freely movable.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : A CRYSTALLINE FORM OF CYCLOSPORINE A METHODS OF PREPARATION AND METHODS FOR USE THEREOF

 (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 	:PCT/US2012/039611 :25/05/2012 :WO 2012/166610 :NA :NA	 (71)Name of Applicant : Address of Applicant :2525 Dupont Drive Irvine California 92612 U.S.A. (72)Name of Inventor : KARAMI Kiomars GRAHAM Richard S. GORE Anuradha V. SMITH Scott W. WU Ke
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(57) Abstract :

The present invention relates generally to crystalline forms of cyclosporine A and particularly to a newly identified form of cyclosporine A. The invention further relates to methods for its preparation and to methods for treating certain ocular disorders.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND DEVICE FOR SYNTHESIZING AN AUDIO SIGNAL ACCORDING TO CONTACTS SET ON A VIBRATING MEMBER

 (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 	:PCT/FR2011/000171 :24/03/2011 o:WO 2011/117483 :NA :NA	 (71)Name of Applicant : 1)THUILLIER Etienne Address of Applicant :10 rue Twinger F 67000 Strasbourg France (72)Name of Inventor : 1)THUILLIER Etienne
Number	:NA :NA	

(57) Abstract :

The invention relates to a method for synthesizing a synthesized audio signal wherein at least one audio contact signal is produced for each excitation contact of a sequence of contacts set on a vibrating member (2). A partial persistence attenuation signal is generated from at least one vibration signal representative of the vibration of the vibrating member (2) generated by at least one excitation contact referred to as a partial contact the partial persistence attenuation being representative of a partial attenuation of at least one persistent audio contact signal resulting from an excitation contact prior to said partial contact. The audio signal synthesized after said partial contact is produced by mixing the audio contact signal of said partial contact and of each affected persistent audio signal of the partial persistence attenuation signal. The invention extends to a device (3) for synthesizing said synthesized audio signal.

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

(21) Application No.10071/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :22/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR ENZYMATIC TREATMENT OF TISSUE PRODUCTS

 (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 	:61/479937 :28/04/2011 :U.S.A. :PCT/US2012/035361 :27/04/2012 :WO 2012/149253 :NA :NA :NA	 (71)Name of Applicant : 1)LIFECELL CORPORATION Address of Applicant :One Millennium Way Branchburg NJ 08876 U.S.A. (72)Name of Inventor : 1)CHEN Yi
Filing Date	:NA :NA	

(57) Abstract :

Methods for treating tissue matrices and tissue matrices produced according to the methods are provided. The methods can include treating a tissue matrix with a proteolytic enzyme to produce a desired pliability of the tissue matrix.

No. of Pages : 25 No. of Claims : 26

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIQUID VAC	CCINE PREPARATIONS	3
 (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 	:A61K39/00,C12N1/04 :61/480118 :28/04/2011 :U.S.A. :PCT/US2012/035572 :27/04/2012 :WO 2012/149404 :NA	 (71)Name of Applicant : 1)INTERNATIONAL MEDICA FOUNDATION Address of Applicant :421 First Avenue SW Suite 304 Rochester Minnesota 55902 U.S.A. (72)Name of Inventor : 1)RUIZ Jr. Leonard P.
Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

This document provides methods and materials involved in making and using liquid vaccine preparations for oral administration. For example methods and materials for making and using liquid vaccine preparations for oral administration that include a lyophilized or dried vaccine component (e.g. a lyophilized pathogenic agent such as a lyophilized rotavirus preparation) and a liquid edible oil composition (e.g. a liquid edible oil composition containing one or more medium chain triglycerides) are provided. In some cases liquid vaccine preparations that include a buffer component (e.g. CaCO) are provided.

No. of Pages : 41 No. of Claims : 106

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : THREE PHASE CAPACITOR FORMED BY TWO ALIGNED CYLINDERS WITH OVERPRESSURE DISCONNECTION

 (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 Eiling Date 	:NA : - : :PCT/ES2012/070581 :27/07/2012 :WO 2013/104808 :NA :NA :NA	 (71)Name of Applicant : 1)RTR ENERGIA S.L. Address of Applicant :Gavilanes 11 bis P.I. Pinto Estaci³n E (72)Name of Inventor : Nš'EZ BARRANCO PATI'O Cesar
Filing Date	:NA	

(57) Abstract :

The invention relates to a three phase capacitor formed by two cylinders in which each of the cylinders comprises an external part corresponding to a capacitor (1) and (2) and an internal part corresponding to a capacitor (3) and (3) said capacitors being connected to form a triangle with phases (A) (B) and (C) and in which each capacitor is separated from the adjacent capacitor of each cylinder by an insulating material which in the event of an overpressure allows the internal part to move in relation to the external part of each cylinder thereby breaking the connections in a particular manner namely: the conductive coating layer (7) which connects armatures (3.1) and (1.2); the conductive coating layer (8) which connected armatures (2.2) and (3.2); and the connection of the connection cable (6) with phase (C) providing an effective means of protection against internal overpressures.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR IMPROVING UPLINK TRANSMISSION MODE CONFIGURATION

 (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 	:H04W72/04 :61/411887 :09/11/2010 :U.S.A. :PCT/US2011/059832 :08/11/2011 :WO 2012/064783 :NA :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn : International IP Administration 5775 Morehouse Drive San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)GAAL Peter 2)CHEN Wanshi 3)MONTOJO Juan
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(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which a first message to reconfigure an uplink transmission mode of a user equipment (UE) from a first uplink transmission mode to a second uplink transmission mode is transmitted. Further a reconfiguration scheme to assure at least one of two or more second messages are recognizable by the UE during a transition period after transmission of the first message is implemented. In another example a UE and eNB may be equipped to respectively transmit and receive a first message to reconfigure a SRS mode used by a UE. In such an aspect the first message may respectively indicate and be used to determine an SRS transmission port specified in a field capable of indicating a number of SRS transmission ports that is greater than a number of physical UE antenna ports.

No. of Pages : 56 No. of Claims : 80

(21) Application No.10077/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR INTRA PREDICTION WITHIN DISPLAY SCREEN (51) International classification :H04N7/34 (71)Name of Applicant : :1020110048130 (31) Priority Document No **1)KT CORPORATION** (32) Priority Date Address of Applicant :90 Bulieong ro Bundang gu Seongnam :20/05/2011 (33) Name of priority country city Kyeonggi do 463 711 Republic of Korea :Republic of Korea (86) International Application No :PCT/KR2012/003744 (72)Name of Inventor : Filing Date 1)KWON Jae Cheol :14/05/2012 (87) International Publication No :WO 2012/161444 2)KIM Joo Young (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a method and apparatus for intra prediction. The intra prediction method for a decoder according to the present invention comprises the steps of: entropy decoding a received bitstream; generating reference pixels to be used in the intra prediction of a prediction unit; generating a prediction block from the reference pixels on the basis of a prediction mode for the prediction unit; and reconstructing an image from the prediction block and a residual block which is obtained as a result of entropy encoding wherein the reference pixels and/or the prediction block pixels are predicted on the basis of a base pixel and the predicted pixel value can be the sum of the pixel value of the base pixel and the difference between the pixel values of the base pixel and the generated pixel.

No. of Pages : 62 No. of Claims : 20

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MICROCANTILEVER SENSOR WITH BIMORPH ACTUATION AND PIEZORESISTIVE READ OUT

 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 	:NA :NA :NA	 (71)Name of Applicant : 1)MICROVISK LIMITED Address of Applicant :Innovation House Unit 4 Ffordd Richard Davies St Asaph Business Park St Asaph Denbighshire North Wales LL17 0LJ U.K. (72)Name of Inventor : 1)DJAKOV Vladislav 2)DUNN Richard
Application Number Filing Date	:NA	
(57) Abstract ·		

(57) Abstract :

There is provided a method of monitoring one or more specified reactions in a fluid medium sample using a thermal signature comprising providing at least one micro cantilever sensor said micro cantilever sensor comprising at least two materials having different coefficients of thermal expansion and having a heater and piezo resistive sensor integrated therein calibrating the at least one micro cantilever response to thermal changes to form a calibrated micro cantilever response characteristic starting the specified reaction in the fluid medium sample pulsing the heater with one or more electrical pulses to induce heat generation in the micro cantilever sampling the output of the integrated piezo resistive sensor to characterise a response of the micro cantilever during the specified reaction in the fluid medium and subtracting the calibrated micro cantilever response characteristic from the sampled output to determine a characteristic of the one or more specified reactions in the fluid medium sample at least one thermal property of a fluid medium sample and a fluid medium sample reaction apparatus.

No. of Pages : 36 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A LIGHTWE	IGHT BAR ARMOR	
 (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 	:F41H5/02 :P.395023 :27/05/2011 :Poland :PCT/EP2012/059912 :25/05/2012 :WO 2012/163859 :NA :NA :NA :NA	 (71)Name of Applicant : 1)WOJSKOWA AKADEMIA TECHNICZNA Address of Applicant :ul. Gen. Sylwestra Kaliskiego 2 PL 00 908 Warszawa Poland (72)Name of Inventor : 1)NIEZGODA Tadeusz 2)PANOWICZ Robert 3)SYBILSKI Kamil

(57) Abstract :

A lightweight bar armor comprising a bar panel (20) mounted on a frame (10) and attachable to the protected object by attachments (30). The bar panel (20) comprises a plurality of flat bars (21) which are perforated over their main surface (22) the main surface (22) being inclined at an angle from 30° to 90° with respect to the main plane of the bar panel (20).

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

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR TRACKING A MOBILE UNIT USING A TRACKING DEVICE

(51) International classification	:G01S3/786,G01S19/51,G01S19/45	(71)Name of Applicant : 1)MOVEN SEE
(31) Priority Document No	:11 01645	Address of Applicant :115 rue Claude Chappe F 29280
(32) Priority Date	:27/05/2011	Plouzane France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/FR2012/051140 :22/05/2012	1)WILLEMENOT DE NANC Eric
(87) International Publication No	:WO 2012/164202	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for tracking at least one mobile imit using a tracking device. The method comprises at least the following steps: (a) the tracking device receiving a signal emitted by the mobile unit(s), said signal comprising a first piece of information on the position of the mobile unit(s) determined according to information received from a satellite positioning system; (b) determining a second piece of information on the relative altitude of the mobile unit(s) with respect to the tracking device and on the mobile unit(s); (c) calculated according to the atmospheric pressures measured at the altitude of the first and second pieces of information using a data-merging technique; and (d) directing the tracking means toward the relative position calculated in step (c).

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

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD TO ENHANCE HIGH AVAILABILITY IN A SECURE TELECOMMUNICATIONS NETWORK AND TELECOMMUNICATIONS NETWORK COMPRISING A PLURALITY OF REMOTE NODES

(51) International classification	:H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:11005796.5	1)DEUTSCHE TELEKOM AG
(32) Priority Date	:15/07/2011	Address of Applicant : Friedrich Ebert Allee 140 53113 Bonn
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/002981	(72)Name of Inventor :
Filing Date	:16/07/2012	1)MAURER J ¹ /4rgen
(87) International Publication No	:WO 2013/010658	
(61) Patent of Addition to Application	:NA	
Number	.INA	
	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method to enhance high availability in a secure telecommunications network the telecommunications network comprising a plurality of remote nodes one or a plurality of further network nodes and at least one security gateway wherein each of the plurality of remote nodes communicates to the one or the plurality of further network nodes wherein in a first operational mode of the plurality of remote nodes during normal operation of the at least one security gateway each of the plurality of remote nodes during normal operation of the at least one security gateway each of the plurality of remote nodes during failure of the secure communication tunnel wherein in a second operational mode of the plurality of remote nodes during failure of the secure communication tunnel at least one specific remote node of the plurality of remote nodes is connected to the one or the plurality of further network nodes by bypassing the security gateway wherein the first operational mode is switched to the second operational mode by means of an exchange of at least a first message and a second message between the at least one specific remote node of the plurality of remote nodes using the DHCP (Dynamic Host Configuration Protocol) protocol.

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

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : OSCILLATING GRATE FOR A HOPPER OF A BLOCK MAKING MACHINE

 (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 	:B28B13/02,B30B15/30 :10 2011 050 367.6 :13/05/2011 :Germany :PCT/EP2012/058216 :04/05/2012 :WO 2012/156212 :NA :NA :NA :NA	 (71)Name of Applicant : 1)REKERS VERWALTUNGS GMBH & CO. KG Address of Applicant :Gerhard Rekers Str. 1 48480 Spelle Germany (72)Name of Inventor : 1)FOPPE Norbert
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(57) Abstract :

The present invention relates to a shuttle (10) for a feedbox (9) of a block machine (1), wherein the shuttle (10) has a shuttle slide (11) with a shuttle rodding (12), and the shuttle slide (11) is connected to the drive (13) via a connecting rod (14). The connecting rod (14) has an interconnecting bar (15), an articulated swing arm (16), and a driving reciprocating link (17) connected to the drive (13). The interconnecting bar (15) is attached to the shuttle slide (11) via a first articulation (18). Further, the interconnecting bar (15) is attached to the shuttle slide (11), wherein the articulated swing arm (16) is attached to a static bearing (21) via a third articulation (20). The driving reciprocating link (17) is attached to the articulated swing arm (16) via a fourth articulation (22).

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

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PERCUTANEOUS OSSEOINTEGRATED PROSTHETIC IMPLANT SYSTEM (51) International classification :A61F2/28 (71)Name of Applicant : (31) Priority Document No :61/493914 1)UNIVERSITY OF UTAH RESEARCH FOUNDATION (32) Priority Date Address of Applicant :615 Arapeen Drive Suite 310 Salt Lake :06/06/2011 (33) Name of priority country City UT 84108 U.S.A. :U.S.A. :PCT/US2012/041112 (72)Name of Inventor : (86) International Application No Filing Date **1)HOLT Brian Mueller** :06/06/2012 (87) International Publication No :WO 2013/048589 2)BACHUS Kent N. (61) Patent of Addition to Application **3)JEYAPALINA Sujee** :NA Number **4)BECK James Peter** :NA Filing Date **5)BLOEBAUM Roy** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An implant system for securing a prosthesis to a selected bone of a subject including a stem and an abutment. The stem includes a porous region that promotes osseointegration of the selected bone following implantation of the stem. The abutment is secured to the stem and is configured for secure attachment to the prosthesis. The stem and the abutment include ultra low friction and/or highly polished surfaces at select locations that inhibit bio adhesion.

No. of Pages : 39 No. of Claims : 36

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS OF FINISHING AN EDGE OF A GLASS SHEET

(57) Abstract :

Methods of finishing an edge of a glass sheet comprise the step of machining the edge of the glass sheet into a predetermined cross sectional profile along a plane taken transverse to the edge of the glass sheet with an initial average edge strength ESi. The methods also include the step of finishing the edge with at least one finishing member such as an endless belt without substantially changing a shape of the predetermined cross sectional profile. In one example a wet slurry including an abrasive can be applied to at least one of a finishing member and the edge of the glass sheet. After finishing the edge example finished average edge strengths ESf can be at least about 250 MPa. In addition or alternatively in another example the ratio ESf/ESi can be within a range of from about 1.6 to about 5.6.

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

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(34) The of the invention . KADIOI AQU	JE MEDICAL BALLOO	19
(51) International classification	:A61M25/10	(71)Name of Applicant :
(31) Priority Document No	:61/493176	1)C.R. BARD INC.
(32) Priority Date	:03/06/2011	Address of Applicant :C/o Bard Peripheral Vascular Inc. 1625
(33) Name of priority country	:U.S.A.	West 3rd Street Tempe AZ 85281 U.S.A.
(86) International Application No	:PCT/US2012/040660	(72)Name of Inventor :
Filing Date	:04/06/2012	1)ELTON Richard K.
(87) International Publication No	:WO 2012/167220	2)STAPLETON Corey E.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RADIOPAQUE MEDICAL BALLOON

(57) Abstract :

A medical balloon (10) is made radiographic such as by incorporating a radiopaque foil (36) or film layer (35). The radiopaque foil or film layer may be placed between an inner layer (30) and an outer layer (32) of a non compliant balloon wall. The foil or film may provide the balloon with a radiographic quality from a first end to a second end in the absence of an inflation fluid. The balloon may be provided with the foil or film in a manner that provides a first section such as the barrel (16) with a first radiographic quality and a second section such as the cone (18 20) with a second radiographic quality. The film may also be applied as a decal or applique to the external surface of a balloon shaped body. Related methods are also disclosed.

No. of Pages : 47 No. of Claims : 52

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(51) International classification	:B22D17/20	(71)Name of Applicant :
(31) Priority Document No	:BS2011A000095	1)COPROMEC DIE CASTING S.r.l. A SOCIO UNICO
(32) Priority Date	:28/06/2011	Address of Applicant : Via Missana 31 I 25077 Ro" Volciand
(33) Name of priority country	:Italy	BRESCIA Italy
(86) International Application No	:PCT/IB2012/053256	(72)Name of Inventor :
Filing Date	:27/06/2012	1)SCHIVALOCCHI Carlo
(87) International Publication No	:WO 2013/001469	2)SCHIVALOCCHI Chiara
(61) Patent of Addition to Application	:NA	3)SCHIVALOCCHI Nicola
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PISTON FOR A DIE CASTING MACHINE

(57) Abstract :

A piston for a die casting machine in particular with a cold chamber comprises a stem which extends from a proximal end to a distal end along a piston axis and a piston head which extends from the distal end of the stem and which has a side wall with at least one sealing area suitable to form a seal on the wall of said container of the press. A lubrication circuit suitable for favouring the sliding of the piston comprises first lubrication ducts made in the stem and ending at the distal end of said stem and second ducts made in the piston head fluidically communicating with said first ducts and coming out in the lateral wall at least in correspondence with said sealed area.

No. of Pages : 43 No. of Claims : 19

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COLORED COUNTERFEIT PREVENTION STRUCTURE AND COLORED COUNTERFEIT PREVENTION MEDIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G03H1/18,B42D15/10,B44C1/17 :2011116827 :25/05/2011 :Japan :PCT/JP2012/063338	 (71)Name of Applicant : 1)TOPPAN PRINTING CO. LTD. Address of Applicant :5 1 Taito 1 chome Taito ku Tokyo 1100016 Japan (72)Name of Inventor : 1)YASHIKI Kazuhiro
Filing Date (87) International Publication No	:24/05/2012 :WO 2012/161257	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A forgery prevention structure configured by layering at least a relief forming layer, a first reflection layer, a functional thin film layer, and a second reflection layer, 5 in this order, characterized in that: the relief forming layer has, on one side, a relief structure which has an effect of diffracting, scattering, absorbing, and polarizing/separating at least a part of a wave-length range of visible light; the first reflection layer and the 10 functional thin film layer are provided along a whole surface of an uneven area of the relief structure; the second reflection layer is provided in an arbitrary area which covers a part of the uneven area of the relief structure.

No. of Pages : 50 No. of Claims : 8

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR SCANNING A TUBE INTENDED TO BE WORKED ON A LASER CUTTING MACHINE USING A SENSOR FOR MEASURING THE RADIATION REFLECTED OR EMITTED BY THE TUBE

(51) Internationalclassification(31) Priority Document No	:B23K26/38,B23K26/08,B23K26/03 :TO2011A000425	 (71)Name of Applicant : 1)ADIGE S.P.A. Address of Applicant :Via per Barco 11 I 38056 LEVICO
(32) Priority Date	:12/05/2011	TERME (Trento) Italy
(33) Name of priority country	y:Italy	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2012/052388 :14/05/2012	1)GALVAGNINI Paolo 2)NICOLETTI Sergio 3)BRIGADUE Matteo
(87) International Publication	¹ :WO 2012/153315	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The method comprises the steps of: a) emitting through the cutting head (50) of the laser cutting machine a focused laser beam such as not to be able to cut or etch the material of the tube (T); b) moving the cutting head (50) along a given scanning direction (x); and c) while the cutting head (50) is moving along the scanning direction (x) detecting through suitable sensors (56) the radiation reflected or emitted by the tube (T) and establishing point by point on the base of the signal provided by these sensors (56) the presence or absence of the material of the tube (T).

No. of Pages : 25 No. of Claims : 5

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NEEDLE LENGTH DETERMINATION AND CALIBRATION FOR INSERTION GUIDANCE SYSTEM

 (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) Potent of Addition to Application 	:A61B8/12 :61/505036 :06/07/2011 :U.S.A. :PCT/US2012/045814 :06/07/2012 :WO 2013/006817	 (71)Name of Applicant : 1)C.R. BARD INC. Address of Applicant :730 Central Avenue Murray Hill NJ 07974 U.S.A. (72)Name of Inventor : 1)WILKES Bryson G. 2)NEWMAN Jon B. 3)MESSEPL V Shavno
1 5 5		
e	:06/07/2012	1)WILKES Bryson G.
(87) International Publication No	:WO 2013/006817	2)NEWMAN Jon B.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MESSERLY Shayne
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A guidance system for assisting with the insertion of a needle or other medical component into the body of a patient is disclosed. The guidance system utilizes ultrasound imaging or other suitable imaging technology. In one embodiment the guidance system comprises an imaging device including a probe for producing an image of an internal body portion target such as a vessel. One or more sensors are included with the probe. The sensors sense a detectable characteristic related to the needle such as a magnetic field of a magnet included with the needle. The system includes a processor that uses data relating to the detectable characteristic sensed by the sensors to determine a position and/or orientation of the needle in three spatial dimensions. In yet another embodiment systems and methods for determining the length of the needle to be guided by the guidance system are disclosed.

No. of Pages : 83 No. of Claims : 24

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COPOLYMER RUBBER COMPOSITION CROSSLINKED RUBBER COMPOSITION AND TIRE

 (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 	:PCT/JP2012/003507 :29/05/2012 :WO 2012/164914 :NA :NA	 (71)Name of Applicant : 1)BRIDGESTONE CORPORATION Address of Applicant :1 1 Kyobashi 3 chome Chuo ku Tokyo 1048340 Japan (72)Name of Inventor : 1)HORIKAWA Yasuo 2)KAITA Shojiro 3)TARDIF Olivier 4)MATSUSHITA Junko
Number	:NA :NA	

(57) Abstract :

Provided is a block copolymer of a conjugated diene compound and a non-conjugated olefin, a rubber composition including the block copolymer, a crosslinked rubber obtained by crosslinking the rubber composition, and a tire using the rubber composition or the crosslinked rubber composition. The 10 copolymer of the present invention is a block copolymer of a conjugated diene compound and a non-conjugated olefin, the copolymer having a peak area in a temperature range in a range of 70 °C to 110 °C that accounts for at least 60 % of a peak area in a range of 40 °C to 140 °C and a peak area in a range of 110 °C to 140 °C that accounts for 20 % or less of a peak area in a range of 40 °C 15 to 140 °C, the peak areas being measured by the differential scanning calorimetry (DSC) according to JIS K 7121-1987.

No. of Pages : 61 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 02/01/2015

· · ·		
(51) International classification	:E04B2/56,E04B2/72	(71)Name of Applicant :
(31) Priority Document No	:61/493345	1)HERCUWALL INC
(32) Priority Date	:03/06/2011	Address of Applicant :PO Box 13605 Tempe AZ 85284
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/040779	(72)Name of Inventor :
Filing Date	:04/06/2012	1)NIEMANN Michael
(87) International Publication No	:WO 2012/167270	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : STRONGER WALL SYSTEM

(57) Abstract :

A new prefabricated wall panel is the basic unit of a new more efficient and stronger wall system. The wall panel is manufactured from a plurality of foam sections sized to leave voids into which concrete is later poured each foam section having an inner and outer surface and two sides; and a plurality of fastening strips. The fastening strips are longitudinal metal strips being situated between the sides of two foam sections. Each fastening strip has two longitudinal fastening strips attached perpendicularly to the longitudinal fastening strip and the fastening strips being adjacent to the outer surface of the two foam sections. The fastening strip also has a plurality of clearance holes in the longitudinal fastening strip a plurality of embed tabs projecting from the edge opposite the fastening strips each embed tab having at least one hole and between each pair of embed tabs a foam tab to hold the two inner sides of the foam sections in place and partially separate the foam sections from the concrete to be poured into a form.

No. of Pages : 23 No. of Claims : 13

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SUPPORTING LOCAL IP ACCESS LIPA MOBILITY (51) International classification :H04W36/00 (71)Name of Applicant : (31) Priority Document No :61/503669 1)INTERDIGITAL PATENT HOLDINGS INC. (32) Priority Date :01/07/2011 Address of Applicant :200 Bellevue Parkway Suite 300 (33) Name of priority country Wilmington Delaware 19809 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/044691 (72)Name of Inventor : Filing Date **1)ADJAKPLE Pascal M.** :28/06/2012 (87) International Publication No :WO 2013/006384 2)AHMAD Saad (61) Patent of Addition to Application **3)WATFA Mahmoud** :NA Number **4)OLVERA HERNANDEZ Ulises** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method and apparatus for home Node B (HNB) mobility with a local IP access (LIPA) packet data network (PDN) connection are described. A target home node B (HNB) may receive a handover request message from a source HNB to handover a wireless transmit/receive unit (WTRU). A path switch request may be transmitted to a local gateway (LGW) to change a downlink data path towards the target HNB in response to the handover request message. The LGW may act as a mobility management and local mobility anchor for the handover; and informing an HNB gateway (GW) about the handover so that the downlink data path for core network (CN) traffic is modified towards the target HNB.

No. of Pages : 101 No. of Claims : 22

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PROVIDING NEGATIVE PRESSURE TO A NEGATIVE PRESSURE WOUND THERAPY BANDAGE

(51) International classification	:A61F13/00	(71)Name of Applicant :
(31) Priority Document No	:61/490118	1)KALYPTO MEDICAL INC.
(32) Priority Date	:26/05/2011	Address of Applicant :1250 Northland Drive Mendota Heights
(33) Name of priority country	:U.S.A.	MN 55120 U.S.A.
(86) International Application No	:PCT/US2012/039103	(72)Name of Inventor :
Filing Date	:23/05/2012	1)BUAN John
(87) International Publication No	:WO 2012/162370	2)WILLEMS Richard
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
11		
Filing Date	:NA	

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(57) Abstract :

A method for providing a negative pressure wherein a pump is cycled on and off to achieve a target negative pressure which is set slightly lower than the therapeutic negative pressure. A device determines the actual pressure by averaging samples which may occur at a different rate than the pump cycle.

No. of Pages : 22 No. of Claims : 19

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TREATMENT OF BISPHENOL A RESIDUE STREAMS

 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 	:PCT/US2012/040676 :04/06/2012 :WO 2012/170327 :NA :NA	 (71)Name of Applicant : 1)BADGER LICENSING LLC Address of Applicant :One Financial Center Boston Massachusetts 02111 U.S.A. (72)Name of Inventor : 1)PALMER David 2)EVITT Steven 3)FETSKO Stephen 4)CHI Chung Ming
(62) Divisional to Application	:NA :NA	

(57) Abstract :

In a method of treating a residue stream from the production of bisphenol A the residue stream is contacted with an aqueous solution of a base under conditions effective to hydrolyze at least part of said residue stream into acetone and phenol and produce an effluent stream. Acetone is recovered from the effluent stream to produce a phenol containing mixed phase stream which is substantially free of acetone and which contains water and unhydrolyzed heavy organic compounds. The phenol containing mixed phase stream is then treated with a water immiscible organic solvent to extract phenol and unhydrolyzed heavy organic compounds and an aqueous phase with reduced concentrations of phenol and unhydrolyzed heavy organic compounds. At least part of the phenol and the organic solvent are subsequently recovered from the organic phase.

No. of Pages : 19 No. of Claims : 15

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING CARRIER SELECTION IN WIRELESS COMMUNICATIONS SYSTEMS

(51) International classification	:H04W48/18	(71)Name of Applicant :
(31) Priority Document No	:1110085.6	1)SCA IPLA HOLDINGS INC.
(32) Priority Date	:15/06/2011	Address of Applicant :550 Madison Avenue New York New
(33) Name of priority country	:U.K.	York 10022 U.S.A.
(86) International Application No	:PCT/GB2012/051310	(72)Name of Inventor :
Filing Date	:11/06/2012	1)YOUNG Philip
(87) International Publication No	:WO 2012/172315	2)DARWOOD Peter
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A mobile communications system is described. The system comprises an arrangement of at least one base station configured to communicate data to and/or from different types of terminal device via respective ones of a plurality of logically separate carriers of a wireless access interface; a first terminal device operable to camp on to a first carrier of the plurality of carriers and to subsequently communicate data with the arrangement of at least one base station via the first carrier and a second terminal device operable to camp on to a second carrier of the plurality of carriers and to subsequently communicate data with the arrangement of at least one base station via the first carrier and a second terminal device operable to camp on to a second carrier of the plurality of carriers and to subsequently communicate data with the arrangement of at least one base station via the first carrier and a second terminal device operable to camp on to a second carrier wherein the first and second carriers support compatible synchronisation signalling such that the first and second terminal devices both have the ability to synchronise with the first and second carriers to begin a camp on procedure and wherein following synchronisation with one of the first or second carriers to begin a camp on procedure the second terminal device is configured to determine whether or not to continue with the camp on procedure in dependence on an aspect of physical layer signalling associated with a control channel of the carrier with which it has synchronised.

No. of Pages : 44 No. of Claims : 22

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DRIVING DEVICE OF DIRECT DRIVE WASHING MACHINE

 (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 	:PCT/KR2012/004445 :05/06/2012	 (71)Name of Applicant : 1)AMOTECH CO. LTD. Address of Applicant :5B/L 1Lot Namdonggongdan 617 Namchon dong Namdong gu Incheon 405 846 Republic of Korea (72)Name of Inventor : 1)KIM Byung Soo 2)PARK Seong Cheol
(62) Divisional to Application Number Filing Date	':NA :NA	

(57) Abstract :

A driving device of a direct drive washing machine of the present invention includes a support member fixed on the lower side of a washing machine tub a drying tub rotary shaft which rotates a drying tub by being rotatably supported by the support member and connected to the drying tub a pulsator rotary shaft which rotates a pulsator by being rotatably arranged inside the drying tub rotary shaft and connected to the pulsator an inner rotor connected to the drying tub rotary shaft and a double stator which is arranged in a space between the inner rotor and the outer rotor and forms a magnetic circuit with the inner rotor and the outer rotor respectively; and thus can reduce manufacturing costs simplify manufacturing processes and reduce the total height of the washing machine.

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

(21) Application No.10243/DELNP/2013 A

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LAUNDRY CARE COMPOSITIONS CONTAINING DYES

 (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 	n :C11D3/40,C11D3/37,C11D3/386 :61/492928 :03/06/2011 :U.S.A. :PCT/US2012/039945 :30/05/2012 :WO 2012/166768 :NA :NA :NA	 (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)MIRACLE Gregory Scot 2)TORRES Eduardo 3)BRUHNKE John David
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(57) Abstract :

This application relates to laundry care compositions comprising thiophene azo carboxylate fabric shading dyes and methods of treating a textile comprising such laundry care compositions.

No. of Pages : 79 No. of Claims : 16

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DOWNHOLE FLUID FLOW CONTROL SYSTEM AND METHOD HAVING DYNAMIC RESPONSE TO LOCAL WELL CONDITIONS

 (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 	:E21B21/08 :NA :NA :NA :PCT/US2011/049527 :29/08/2011 :WO 2013/032433 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :2601 Beltline Road Carrollton TX 75006 U.S.A. (72)Name of Inventor : 1)GANO John Charles 2)HOLDERMAN Luke William 3)FRIPP Michael Linley 4)DYKSTRA Jason D.
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(57) Abstract :

A downhole fluid flow control system having dynamic response to local well conditions. The system includes a tubing string operably positionable in a wellbore. Annular barriers are positioned between the tubing string and the wellbore to isolate first and second zones. A fluid flow control device is positioned within each zone. A flow tube that is operably associated with the fluid flow control device of the first zone is operable to establish communication between the second zone and the fluid flow control device in the first zone such that a differential pressure between the first zone and the second zone is operable to actuate the fluid flow control device of the first zone from a first operating configuration to a second operating configuration.

No. of Pages : 26 No. of Claims : 27

(21) Application No.10255/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(54) Title of the invention : PRODUCTION METHOD OF IMIDAZOLE DERIVATIVES

(43) Publication Date : 02/01/2015

 (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 	:C07D233/64 :2011133712 :15/06/2011 :Japan :PCT/JP2012/065795 :14/06/2012 :WO 2012/173280	 (71)Name of Applicant : 1)TAKEDA PHARMACEUTICAL COMPANY LIMITED Address of Applicant :1 1 Doshomachi 4 chome Chuo ku Osaka shi Osaka 5410045 Japan (72)Name of Inventor : 1)KAWABATA Yoichi 2)SAWAI Yasuhiro
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:PCT/JP2012/065795 :14/06/2012	 (72)Name of Inventor : 1)KAWABATA Yoichi 2)SAWAI Yasuhiro 3)KANNO Kazuaki
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)SAWADA Naotaka

(57) Abstract :

The present invention provides an advantageous production method of an imidazole derivative which is suitable for industrial production. Compound (VI) is produced by reacting compound (I) with a Grignard reagent or a magnesium reagent and a lithium reagent and then reacting the resulting compound with compound (V).

No. of Pages : 71 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMMUNICATION PATH CONTROL SYSTEM AND COMMUNICATION PATH CONTROL METHOD

(51) International classification	:H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:2011120115	1)NEC CORPORATION
(32) Priority Date	:30/05/2011	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2012/063817	(72)Name of Inventor :
Filing Date	:29/05/2012	1)TAKAJO Mamoru
(87) International Publication No	:WO 2012/165446	2)TAKASHIMA Masanori
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract :

The problem to be solved by the present invention is that at a boundary between an OpenFlow network and a regular network when communication failure with a controller occurs a path is not suitably switched. In the present invention a controller updates a flow table for each of a plurality of internal switches in order to cause a path formed by the plurality of internal switches to be an optimal path. An internal switch A among the plurality of internal switches forms an optimal path to an external switch in order to become an internal switch of an active system. An internal switch B among the plurality of internal switches forms a redundant path to the external switch in order to become an internal switch of a standby system. The internal switch A upon a detection that a connection cannot be made between the controller and the internal switch A performs a linkdown to a port connecting to the external switch. The external switch upon a detection of the linkdown to the port connecting to the internal switch A switches the path in order to relay traffic that was to the internal switch A of the active system to the internal switch B of the standby system.

No. of Pages : 57 No. of Claims : 10

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SECONDARY REFINING EQUIPMENT AND SECONDARY REFINING METHOD FOR MOLTEN STEEL

(51) International classification(31) Priority Document No(32) Priority Date	:C21C7/10,C21C7/00 :NA :NA	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION
(33) Name of priority country	:NA	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No Filing Date	:PC1/JP2012/061025 :25/04/2012	Tokyo 1008071 Japan (72) Name of Inventor :
(87) International Publication No	:WO 2013/161014	1)IMAI Shuntaro
(61) Patent of Addition to Application Number	:NA	2)KINOSHITA Junichi 3)OKA Yosuke
Filing Date	:NA	4)FUJII Kazuyoshi
(62) Divisional to Application Number Filing Date	:NA :NA	5)MIYAMOTO Koichi 6)HIGASHI Toyoichiro

(57) Abstract :

In this secondary refining equipment for molten steel a first vacuum chamber and a second vacuum chamber are respectively equipped with horizontal transfer mechanisms that move the first vacuum chamber and the second vacuum chamber horizontally between a first processing position located above a first track a second processing position located above a second track a first resting position located on the side opposite the second processing position with the first track therebetween and a second resting position located on the side opposite the first processing position with the second track therebetween said movement being in a direction orthogonal to the lengthwise direction of the first track and the second track when the first vacuum chamber and the second vacuum chamber are viewed in a plane.

No. of Pages : 40 No. of Claims : 5

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONNECTING ELEMENT FOR A BODY MADE OF COMPOSITE MATERIAL OF A PIERCING MILITARY PROJECTILE

 (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 	:PCT/FR2012/000196 :15/05/2012 :WO 2012/160271 :NA :NA	 (71)Name of Applicant : 1)MBDA FRANCE Address of Applicant :37 Bld de Montmorency F 75016 PARIS France (72)Name of Inventor : 1)BLIN Michel 2)CHEVALIER Germain
Number Filing Date	:NA :NA	

(57) Abstract :

According to the invention the rear part of the connecting element (1) which part is intended to be connected to a body (4) made of composite material comprises at least one abutment (13) of annular shape centred with respect to a longitudinal axis (10) and intended to come into contact with the front edge (14) of said body (4) and a longitudinal rearward extension (15) which is defined from said abutment (13) onward and which comprises a contact face (16) and has a shape and diameter suited to said body (4) so that its contact face (16) can come laterally into contact with a peripheral surface (17) thereof.

No. of Pages : 20 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

ELLENT FIBER BOAR	DS
:E04C2/16	(71)Name of Applicant :
:13/107885	1)USG INTERIORS LLC
:14/05/2011	Address of Applicant :550 West Adams Street Chicago Illinois
:U.S.A.	60661 3676 U.S.A.
:PCT/US2012/036220	(72)Name of Inventor :
:03/05/2012	1)YU Qing Claire
:WO 2012/158354	
.NT 4	
:NA	
:NA	
:NA	
	:13/107885 :14/05/2011 :U.S.A. :PCT/US2012/036220 :03/05/2012 :WO 2012/158354 :NA :NA :NA

(57) Abstract :

An acoustic building material and method for manufacture incorporates a homogenously dispersed reactive silicone to improve water repellency and physical properties.

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

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS TO MINIMIZE AIR SLURRY SEPARATION DURING GYPSUM SLURRY FLOW

 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/US2012/038037 :16/05/2012	 (71)Name of Applicant : 1)UNITED STATES GYPSUM COMPANY Address of Applicant :550 West Adams Street Chicago Illinois 60661 3676 U.S.A. (72)Name of Inventor : 1)LI Alfred 2)LEE Chris C. 3)NELSON Chris 4)CHAN Cesar 5)SONG Weixin David
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and apparatus for providing an evenly mixed additive enhanced gypsum slurry to a web. Calcined gypsum and water are inserted into a mixer (12) through at least one inlet (26 28) of the mixer (12). The contents are agitated to form a slurry. The slurry is passed from an outlet (34) of the mixer (12) into a conduit (38). An additive is introduced into the slurry along a length of the conduit (38) to achieve a flow stream of a slurry/additive mixture. A cross section (60) of the flow stream is expanded in the conduit (38) while not changing direction of the flow stream and a direction of the flow stream is changed while not expanding the cross section (60) of the flow stream and conduit (38) all prior to the flow steam exiting from an outlet (42) of the conduit.

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

(21) Application No.10262/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(51) International classification	:B01D47/10,B01F3/04	(71)Name of Applicant :
(31) Priority Document No	:10 2011 105 409.3	1)SIEMENS VAI METALS TECHNOLOGIES GMBH
(32) Priority Date	:20/06/2011	Address of Applicant : Turmstrae 44 A 4031 Linz Austria
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/061815	1)HEGEMANN Karl Rudolf
Filing Date	:20/06/2012	
(87) International Publication No	:WO 2012/175550	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VENTURI SCRUBBER HAVING AN INSERT BODY

(57) Abstract :

The invention relates to a venturi scrubber which has a flow channel which is defined by a confuser a throat and a diffusor and which has a longitudinal axis. The throat has a throat wall in which nozzles for injecting scrubbing liquid into the throat are present. The invention is characterized in that at least one insert body is present in the throat which insert body reduces the flow cross section in the flow channel by at most 45% preferably at most 30% especially preferably at most 20% the insert body being located preferably in a region of the longitudinal extension of the throat after the nozzles as viewed in the direction from the confuser to the diffuser.

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

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PRODUCING MONOCYLIC AROMATIC HYDROCARBONS

(51) International classification	n:C10G11/05,B01J29/40,B01J29/70	(71)Name of Applicant :
(31) Priority Document No	:2011115639	1)JX Nippon Oil & Energy Corporation
(32) Priority Date	:24/05/2011	Address of Applicant :6 3 Otemachi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008162 Japan
(86) International Application	:PCT/JP2012/063386	2)CHIYODA CORPORATION
No	:24/05/2012	(72)Name of Inventor :
Filing Date	.24/03/2012	1)YANAGAWA Shinichiro
(87) International Publication	:WO 2012/161281	2)FUJIYAMA Yuichiro
No	. WO 2012/101201	3)IWASA Yasuyuki
(61) Patent of Addition to	:NA	4)IDA Ryoji
Application Number	:NA	5)KOBAYASHI Masahide
Filing Date	.1 1/2 1	6)YASUI Susumu
(62) Divisional to Application	:NA	7)SUGI Yoshishige
Number	:NA	8)FUKUI Atsushi
Filing Date		9)NAGUMO Atsuro

(57) Abstract :

This method for producing monocyclic aromatic hydrocarbons comprises: a decomposition reforming reaction step in which oil feedstock is brought into contact with a catalyst for producing monocyclic aromatic hydrocarbons to produce a reaction thereby obtaining a product containing monocyclic aromatic hydrocarbons with 6 to 8 carbon atoms and a heavy distillate with 9 or more carbon atoms; a catalyst separation step for separating and removing the catalyst for producing monocyclic aromatic hydrocarbons and tricyclic aromatic hydrocarbons contained in the product from a mixture comprising said product which is derived from the decomposition reforming reaction step and the catalyst for producing monocyclic aromatic hydrocarbons which slightly accompany said product; and a purification and recovery step for purifying and recovering the monocyclic aromatic hydrocarbons with 6 to 8 carbon atoms which were separated from the product generated in the decomposition reforming reaction step.

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

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ELECTRODE FOR ELECTROLYTIC PROCESSES AND METHOD OF MANUFACTURING THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	n:B01J23/46,C25B11/04,H01M4/90 :MI2011A000735 :03/05/2011 :Italy :PCT/EP2012/058144 :03/05/2012	 (71)Name of Applicant : 1)INDUSTRIE DE NORA S.P.A. Address of Applicant :Via Bistolfi 35 I 20134 Milano Italy (72)Name of Inventor : 1)BRICHESE Marianna 2)ANTOZZI Antonio Lorenzo 3)CALDERARA Alice
(87) International Publication	:WO 2012/150307	SJCALDENARA AILE
(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 an electrode for electrolytic processes particularly to a cathode suitable for hydrogen evolution in an industrial electrolysis process comprising a metal substrate coated with an external catalytic layer containing crystalline ruthenium oxide having a highly ordered rutile type structure with Ru Ru and Ru O bond length characterised by a Debye Waller factor lower than a critical value. The catalytic outer layer may contain rare earth oxides such as praseodymium. The electrode may also comprise an internal catalytic thin layer platinum based which gives an enhanced protection against accidental current reversal events.

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

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TENSIONER AND SHOE THEREFOR		
 (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 	:F16H7/08,F16H7/18 :61/493131 :03/06/2011 :U.S.A.	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills MI 48326 U.S.A. (72)Name of Inventor : 1)ADAMS Bradley F.

(57) Abstract :

One embodiment includes a tensioner that includes a housing a piston and a shoe. The piston extends from the housing. The shoe is carried by the piston and has a recess. The recess receives a portion or more of the piston.

No. of Pages : 18 No. of Claims : 15

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FGFR1 AGONISTS AND METHODS OF USE

 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 	:PCT/US2012/037964 :15/05/2012 :WO 2012/158704 :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)SONODA Junichiro 2)WU Yan
Application Number	:NA :NA	

(57) Abstract :

The disclosure provides FGFR1 agonists including agonistic anti FGFR1 antibodies and methods of using the same.

No. of Pages : 109 No. of Claims : 36

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESSES AND INTERMEDIATES IN THE PREPARATION OF MORPHINE ANALOGS VIA N DEMETHYLATION OF N OXIDES USING CYCLODEHYDRATION REAGENTS

(51) International classification	:C07D498/22,C07D489/08	
(31) Priority Document No	:61/481359	1)BROCK UNIVERSITY
(32) Priority Date	:02/05/2011	Address of Applicant :500 Glenridge Avenue St. Catharines
(33) Name of priority country	:U.S.A.	Ontario L2S 3A1 Canada
(86) International Application No	:PCT/CA2012/000384	(72)Name of Inventor :
Filing Date	:02/05/2012	1)HUDLICKY Tomas
(87) International Publication No	:WO 2012/149633	2)WERNER Lukas
(61) Patent of Addition to Application	:NA	3)WERNEROVA Martina
Number	:NA	4)ENDOMA ARIAS Mary Ann
Filing Date	.NA	5)MACHARA Ales
(62) Divisional to Application Number	r :NA	
Filing Date	:NA	

(57) Abstract :

A high yielding method for the N demethylation of oxycodone and oxymorphone N oxides by the reaction of these compounds with cyclodehydration reagents has been performed. This method has been utilized to improve the synthesis of various morphine analogs such as naltrexone nalbuphone and naloxone.

No. of Pages : 69 No. of Claims : 43

(21) Application No.10271/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

 (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 	:A61K9/16 :61/481582 :02/05/2011 :U.S.A. :PCT/US2012/036055 :02/05/2012 :WO 2012/151237 :NA	 (71)Name of Applicant : 1)APTALIS PHARMATECH INC. Address of Applicant :845 Center Drive Vandalia Ohio 45377 U.S.A. (72)Name of Inventor : 1)VENKATESH Gopi 2)SWAMINATHAN Vijaya 3)LAI Jin Wang
(61) Patent of Addition to Application		
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : RAPID DISSOLVE TABLET COMPOSITIONS FOR VAGINAL ADMINISTRATION

(57) Abstract :

Disclosed herein are pharmaceutically acceptable rapid dissolve vaginal tablet compositions comprising one or more active pharmaceutical ingredients suitable for therapy via topical action or systemic absorption and methods of making and using such compositions. In some embodiments this invention relates to pharmaceutical compositions comprising one or more active pharmaceutical ingredients suitable for vaginal route of administration and methods of making and using such compositions for therapy via topical action or systemic absorption as well as uterine targeting. In certain embodiments the present invention is related to a pharmaceutical composition comprising one or more active pharmaceutical ingredients suitable for vaginal route of adult and using a dual property of acting as a binder as well as a bioadhesive material one or more sugar alcohols or saccharides and one or more disintegrants.

No. of Pages : 49 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ABSORBENT ARTICLE WITH WAISTBAND HAVING CONTRACTION (51) International classification :A61F13/49 (71)Name of Applicant : (31) Priority Document No :61/499290 **1)THE PROCTER & GAMBLE COMPANY** (32) Priority Date Address of Applicant : One Procter & Gamble Plaza Cincinnati :21/06/2011 (33) Name of priority country Ohio 45202 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/041216 (72)Name of Inventor: Filing Date 1)LAWSON Kathleen Marie :07/06/2012 (87) International Publication No :WO 2012/177400 2) RAYCHECK Jeromy Thomas (61) Patent of Addition to Application 3)MACIAG Kathleen Ann :NA Number **4)HAMILTON Raymond Scott** :NA Filing Date

:NA

:NA

(57) Abstract :

Filing Date

A disposable absorbent article comprising a first waist region a second waist region a crotch region disposed between the first waist region and second waist region; a first waist edge and a second waist edge; the disposable absorbent article comprising a first waistband near the first waist edge and a second waistband near the second waist edge wherein the Front to Back Delta Chassis Contraction is greater than about 9.0 %.

No. of Pages : 43 No. of Claims : 15

(62) Divisional to Application Number

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PREPARING MICROPARTICLES WITH REDUCED INITIAL BURST AND MICROPARTICLES PREPARED THEREBY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K9/16,A61K9/14,A61K47/30 :1020110048105 :20/05/2011 :Republic of Korea	 (71)Name of Applicant : 1)SK CHEMICALS CO. LTD. Address of Applicant :686 Sampyeong dong Seongnam Si Bundang gu Gyeonggi Do 463 400 Republic of Korea
 (86) International Application No Filing Date (87) International Publication No 	:PCT/KR2012/004000 :21/05/2012 :WO 2012/161492	 (72)Name of Inventor : 1)KIM Hong Kee 2)LEE Kyu Ho 3)OH Joon Gyo 4)LEE Bong Yong
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates to a method for preparing polymer microparticles with a reduced initial burst and the polymer microparticles prepared thereby. More particularly the present invention relates to a method for preparing drug loaded polymer microparticles with a reduced initial burst comprising the step of contacting the polymer microparticles with an alcohol aqueous solution the polymer microparticles prepared thereby and use for drug delivery of the polymer microparticles. Accordingly the present invention provides a novel method of preparing polymer microparticles with a reduced initial burst. The method of the present invention may be useful for preparing a new formulation of drug that can prevent various side effects caused by excessive release of drug.

No. of Pages : 35 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :25/11/2013

(54) Title of the invention · MULTI ABRASIVE TOOL

(43) Publication Date : 02/01/2015

	ETTADICASIVE TOOL	
(51) International classification	:B24D5/14,B24D7/06,B24D7/14	(71)Name of Applicant :
(31) Priority Document No	:MI2011A000850	1)REN S.r.l.
(32) Priority Date	:16/05/2011	Address of Applicant : Via Carducci 8 I 20123 Milano Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No:PCT/IT2011/000232		1)FIORE Nicola
Filing Date	:07/07/2011	
(87) International Publication No :WO 2012/157006		
(61) Patent of Addition to	:NA	
Application Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.INA	

(57) Abstract :

A multi abrasive tool is constituted by a support on which abrasive elements are present. Such abrasive elements are arranged in a manner so as to form one or more paths along which the successive abrasive elements have grain size sequentially increasing or decreasing by an arbitrary quantity when passing from on element to the next. Such principle gives rise to abrasive tools with different conformation both for polishing machines and for grindstones. For roto orbital and planetary polishing machines and optionally orbital such support is circular and the grain sequence is circumferential or radial or in both directions. A first tool is constituted by contiguous (or non contiguous) circular rings that are differently abrasive. A second tool comprises differently abrasive elements arranged along a spiral path of 360° starting from the edge. A fourth tool comprises two 180° spiral paths with reversed roughness sequences. A fourth tool comprises pairs of differently abrasive small cylinders fixed to a plate on concentric circumferences. A fifth tool is obtained directly on the plate of the polishing machine by means of reliefs and spacers for fixing differently abrasive sectors. For linear polishing machines the abrasive support is a plate shaped like the aforesaid belt. For tools to use with grindstones the multi abrasive element has a cylindrical rotation symmetry or conical with rounded tip or spherical symmetry.

No. of Pages : 47 No. of Claims : 12

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CHLOROPLAST TRANSIT PEPTIDES AND METHODS OF THEIR USE

 (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 	:NA :NA	 (71)Name of Applicant : 1)E. I. DUPONT DE NEMOURS & COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A. (72)Name of Inventor : 1)BOURETT Timothy M. 2)CHUN Gary C. 3)LU Albert L.
Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods and compositions are provided for targeting a polypeptide of interest to a chloroplast. Recombinant polynucleotides comprising a nucleotide sequence encoding a chimeric chloroplast transit peptide (CTP) operably linked to a heterologous polynucleotide of interest are provided. In specific embodiments the chimeric CTP comprises an N terminal domain operably linked to a central domain operably linked to a C terminal domain of a CTP to form a chimeric chloroplast transit peptide having CTP activity. Recombinant polypeptides encoding the same as well as cells plant cells plants and seeds are further provided which comprise the recombinant polynucleotides. Methods of use of the various sequences are also provided.

No. of Pages : 82 No. of Claims : 43

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : EFFICIENT ORGANIC PHOTOVOLTIC DEVICES USING PHOTOACTIVE GRAPHENE OXIDE, ORGANIC LINKERS AND SEMICONDUCTOR NANOPARTICLES

(51) International classification	:H01L 45/00	(71)Name of Applicant : 1)AMITY UNIVERSITY
(31) Priority Document No :	NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(32) Priority Date :	NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(33) Name of priority country :	NA	(72)Name of Inventor :
(86) International Application No :	NA	1)OM PRAKASH SINHA
Filing Date :	NA	2)SANDIP CHAKRABARTI,
(87) International Publication No :	NA	3)MOLALISA MUKHERJEE
(61) Patent of Addition to Application Number :	NA	4)JOHN EDWARD MOSES
Filing Date :	NA	
(62) Divisional to Application Number :	NA	
Filing Date :	NA	

(57) Abstract :

The present invention provides an improved photovoltaic system based on Graphene/Graphene oxide with organic linkers and semiconductor nanoparticles and a method for preparation thereof. The role of organic linkers is absorption of more photons from the sun light, once they are attached to Graphene or reduced graphene Oxide (RGO) while the semiconductor nanoparticles not only open up the extra range for solar spectrum, but also increase the conductivity of the RGO or Functionalized graphene oxide sheet with different chemical-organic linkers. The photovoltaic system according to the present invention is inexpensive, eco-friendly and reliable in terms of response and efficiency.

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

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(51) International classification	:F02F1/00	(71)Name of Applicant :
(31) Priority Document No	:13/151441	1)CATERPILLAR INC.
(32) Priority Date	:02/06/2011	Address of Applicant :100 N. E. Adame Street Peoria IL
(33) Name of priority country	:U.S.A.	61629 9510 U.S.A.
(86) International Application No	:PCT/US2012/039588	(72)Name of Inventor :
Filing Date	:25/05/2012	1)KISER Matthew Thomas
(87) International Publication No	:WO 2012/166601	2)GEE James W.
(61) Patent of Addition to Application	:NA	3)PERKING Scott David
Number	:NA :NA	4)BURROW Maggie R.
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(E7) Alterative et :		l

(54) Title of the invention : CYLINDER LINER WITH A CASE ON A CUFF RING GROOVE

(57) Abstract :

A cylinder liner (12) for an engine (10) includes a hollow cylindrical sleeve with an inner surface (22) and an outer surface (24) that extends from a first end to a second end along a longitudinal axis (20). The cylinder liner may also include an annular cuff ring groove (48) with a radiused fillet region (48a) on the inner surface proximate the first end. The cylinder liner may further include a hardened case (40) formed on the inner surface of the sleeve. The case may extend under a base of the fillet region of the cuff ring groove.

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

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PIEZOELECTRIC DEVICE FOR ULTRASONIC CLEANING BATHS

 (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 	:PCT/RU2011/000650 :26/08/2011 :WO 2012/165996 :NA	 (71)Name of Applicant : 1)PAVLENKO Oleg Grigorievich Address of Applicant :ul. Avtosavodskaya 6 339 Moscow 115280 Russia (72)Name of Inventor : 1)PAVLENKO Oleg Grigorievich
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to ultrasonic cleaning of aviation filters for hydraulic fuel and oil systems. The piezoelectric device for ultrasonic cleaning baths comprises connected to one another in series: a passive lining consisting of steel; piezoelectric elements attached to the passive lining and connected electrically to an ultrasonic oscillations frequency generator; and a radiating lining consisting of aluminium alloy or Duralumin in the form of a truncated cone which is attached by the smaller base to the piezoelectric element. The ratio of the height of the passive lining to the height of the radiating lining is equal to or greater than unity given a number of piezoelectric elements which is equal to two or more pairs. Whereas the piezoelectric device is capable of being attached to a bath with washing liquid for the item to be cleaned or of being submersed in a bath with washing liquid for the item to be cleaned.

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

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTROLLED NUCLEATION DURING FREEZING STEP OF FREEZE DRYING CYCLE USING PRESSURE DIFFERENTIAL ICE FOG DISTRIBUTION

(51) International classification(31) Priority Document No(32) Priority Date	:F26B5/06,F26B5/04,F26B21/00 :13/097219 :29/04/2011	 (71)Name of Applicant : 1)MILLROCK TECHNOLOGY INC. Address of Applicant :39 Kieffer Lane Kingston NY 12401
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application N Filing Date	o:PCT/US2011/001413 :10/08/2011	(72)Name of Inventor : 1)LING Weijia
(87) International Publication No.	:WO 2012/148372	
(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 controlling and enhancing the nucleation of product in a freeze dryer wherein the product is maintained at a predetermined temperature and pressure in a chamber of the freeze dryer and a predetermined volume of ice fog is created in a condenser chamber separate from the product chamber and connected thereto by a vapor port. The ice fog has a predetermined pressure that is greater than that of the product chamber and is rapidly conveyed through the vapor port into the product chamber for even distribution therein to create uniform and rapid nucleation of the product in different areas of the product chamber.

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

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : 4H THIENO[3 2 C]CHROMENE BASED INHIBITORS OF NOTUM PECTINACETYLESTERASE AND METHODS OF THEIR USE

(51) International classification	:C07D333/52,C07D495/04,A61K31/357	(71)Name of Applicant : 1)LEXICON PHARMACEUTICALS INC.
(31) Priority Document No	:61/490839	Address of Applicant :8800 Technology Forest Place The Woodlands Texas 77381 U.S.A.
(32) Priority Date	:27/05/2011	(72)Name of Inventor :
(33) Name of priority	:U.S.A.	1)BARBOSA Joseph
country	.0.0.1.	2)CARSON Kenneth Gordon
(86) International	:PCT/US2012/039087	3)GARDYAN Michael Walter
Application No	:23/05/2012	4)HEALY Jason Patrick
Filing Date	.25/05/2012	5)HAN Qiang
(87) International	:WO 2012/166458	6)MABON Ross
Publication No		7)PRAVEEN Pabba
(61) Patent of Addition to	^о . _{NIA}	8)TARVER James Jr.
Application Number	:NA :NA	9)TERRANOVA Kristen M.
Filing Date	.INA	10)TUNOORI Ashok
(62) Divisional to	·NT A	11)XU Xiaolian
Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds that may be used to inhibit Notum Pectinacetylesterase are described as well as compositions comprising them and methods of their use to treat diseases and disorders affecting bone.

No. of Pages : 73 No. of Claims : 27

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : GRAPHENE BASED CHEMICAL SENSOR FOR THE DETECTION OF TOXIC HEAVY METAL COMPLEXES IN DRINKING WATER

(51) International classification	:C01B 31/04	(71)Name of Applicant : 1)AMITY UNIVERSITY
(31) Priority Document No	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(32) Priority Date	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SANDIP CHAKRABARTI,
Filing Date	:NA	2)OM PRAKASH SINHA
(87) International Publication No	:NA	3)MONALISA MUKHERJEE
(61) Patent of Addition to Application Number	:NA	4)JOHN EDWARD MOSES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a device based on a hydrophilic and reduced graphene oxide matrix, decorated with small quantities of metal-oxides and binary metal-oxide nanoparticles useful for the detection of heavy metal. The graphene based nanocomposite materials is further deposited on suitable substrate so that it can be used as a sensor for detection. The device is portable, inexpensive, eco-friendly, fast in terms of response and reliable in terms of detection.

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

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MULTIPLE MYELOMA TREATMENT			
 (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 	:A61K31/506,A61P35/00 :61/481425 :02/05/2011 :U.S.A. :PCT/AU2012/000462 :01/05/2012 :WO 2012/149602 :NA :NA :NA :NA	 (71)Name of Applicant : 1)YM BIOSCIENCES AUSTRALIA PTY LTD Address of Applicant :333 Lakeside Drive Foster City California 94404 U.S.A. (72)Name of Inventor : 1)BURNS Christopher John 2)SPENCER Andrew 3)MONAGHAN Katherine Anne 	

(57) Abstract :

A method of treating a subject presenting with multiple myeloma at a stage characterized by an increase in the prevalence of MM cells that (1) are IL 6 non responsive and/or (2) have a CD45 phenotype comprising administering to the subject an amount of a compound of formula Ib.

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

(21) Application No.10138/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 02/01/2015

(51) International classification	:A61K9/16,A61K9/19	(71)Name of Applicant :
(31) Priority Document No	:61/494088	1)OTSUKA PHARMACEUTICAL CO. LTD.
(32) Priority Date	:07/06/2011	Address of Applicant :9 Kanda Tsukasamachi 2 chome
(33) Name of priority country	:U.S.A.	Chiyoda ku Tokyo 1018535 Japan
(86) International Application No	:PCT/JP2012/065180	(72)Name of Inventor :
Filing Date	:07/06/2012	1)HIRAOKA Shogo
(87) International Publication No	:WO 2012/169662	_
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
11		

(54) Title of the invention : FREEZE DRIED ARIPIPRAZOLE FORMULATION

(57) Abstract :

An object of the present invention is to provide a freeze dried aripiprazole powder formulation that exhibits good dispersibility and is easily dispersed into a homogenous suspension when reconstituted with water. The present invention provides a freeze dried aripiprazole formulation obtained by a process comprising the steps of spraying for freezing an aripiprazole suspension containing (I) aripiprazole (II) a vehicle for the aripiprazole and (III) water for injection and drying

No. of Pages : 48 No. of Claims : 20

(21) Application No.10139/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : STEREOSCOPIC VIDEO IMAGING SYSTEM AND SYNCHRONOUS CONTROL METHOD (51) International classification :H04N13/02,G03B35/08 (71)Name of Applicant : (31) Priority Document No 1)SONY CORPORATION :2011125188 (32) Priority Date Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 :03/06/2011 (33) Name of priority country :Japan Japan (72)Name of Inventor : (86) International Application No :PCT/JP2012/003294 Filing Date 1)YOSHIZAWA Yasuo :21/05/2012 (87) International Publication No :WO 2012/164858 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A stereoscopic video imaging system includes a first imaging apparatus and a second imaging apparatus coupled to the first imaging apparatus and arranged to take a 3D image. A single cable connects the first imaging apparatus to the second imaging apparatus. A switching device selects one of the first and second imaging apparatuses to be a main imaging apparatus and the remaining imaging apparatus to be a sub imaging apparatus. The main imaging apparatus is enabled to generate a synchronization signal the synchronization signal being communicated to the sub imaging apparatus through the single cable.

No. of Pages : 39 No. of Claims : 14

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : HEAT EXCHANGER IN PARTICULAR FOR A MOTOR VEHICLE AND CORRESPONDING AIR INTAKE DEVICE

(62) Divisional to Application Number :NA Filing Date :NA		:1154577 :26/05/2011 :France :PCT/EP2012/052388 :13/02/2012 :WO 2012/159777 :NA :NA :NA	 (71)Name of Applicant : 1)VALEO SYSTEMES THERMIQUES Address of Applicant :8 rue Louis Lormand La Verri[¬]re F 78320 Le Mesnil Saint Denis France (72)Name of Inventor : 1)ODILLARD Laurent 2)DEVEDEUX Sbastien
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(57) Abstract :

The invention relates to a heat exchanger between at least two fluids, notably for 5 a motor vehicle, comprising: a heat exchange bundle (3) between said fluids, and a housing (5) for receiving said bundle (5), having at least one lateral opening. Said exchanger also comprises a cover (7) for closing said at least one opening 10 of said housing (5), securely attached in a seal-tight manner to said bundle (3) and to said housing (5) so as to form an inseparable unitary assembly.

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

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

 (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 	:B60C15/00,B60C15/06 :1154926 :07/06/2011 :France :PCT/EP2012/060646 :06/06/2012 :WO 2012/168270	 (71)Name of Applicant : 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant :12 Cours Sablon F 63000 Clermont Ferrand France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/168270 :NA :NA :NA :NA	(72)Name of Inventor : 1)BONDU Lucien

(54) Title of the invention : BEAD OF A TYRE FOR A HEAVY VEHICLE OF CONSTRUCTION PLANT TYPE

(57) Abstract :

The invention relates to improvements to the endurance of the beads of a radial tyre for a heavy vehicle of construction plant type by reducing the cracking that starts at the end of the turned back portion and spreads through the coating edging and filling polymer materials. According to the invention a transition element (25) made of a transition polymer material is at least partially in contact over its axially exterior face with the edging polymer material (22) and over its axially interior face with a filling polymer material (23b) the radially exterior (E) and radially interior (I) ends of the transition element are respectively radially on the outside and radially on the inside of the end of the turned back portion and the elastic modulus at 10% elongation of the transition polymer material is somewhere between the respective moduli at 10% elongation of the edging polymer material and of the filling polymer material with which the transition element is in contact.

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

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CIRCUIT BREAKER COMPRISING OPTIMISED HOUSING STABILISATION BY MEANS OF FIXED CONTACTS WITH AN INTERLOCKING ACTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01H9/46,H01H1/20,H01H71/02 :11182091.6 :21/09/2011 :EPO	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¹/₄nchen Germany
(86) International Application No Filing Date	:PCT/EP2012/067123 :03/09/2012	(72)Name of Inventor : 1)SPIES Alexander
(87) International Publication No	:WO 2013/041357	
(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 circuit breaker comprising a sliding contact (10) in which a movable contact (12) that is mounted on a spring (11) is located said contact lying opposite a fixed contact (1). The invention is characterised in that the fixed contact (1) has a horn shaped contour (2 3) that engages in mating contours (15) of the switching chamber walls of the circuit breaker.

No. of Pages : 14 No. of Claims : 5

(22) Date of filing of Application :26/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PRODUCTION OF HARDENED EPOXY RESINS HAVING FLAME RETARDING PHOSPHONATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:11169231.5 :09/06/2011 :EPO :PCT/EP2012/060474	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)HENNINGSEN Michael
(86) International Application No	:PCT/EP2012/060474	1)HENNINGSEN Michael
Filing Date	:04/06/2012	2)KAFFEE Achim
(87) International Publication No	:WO 2012/168174	3)STUMBE Jean Francois
(61) Patent of Addition to Application	:NA	4)D–RING Manfred
Number	:NA	5)SCHMIDT Alexander
Filing Date	.117	6)ZANG Lin
(62) Divisional to Application Number	:NA	7)ALTST,,DT Volker
Filing Date	:NA	8)KR,,MER Johannes
Filing Date		

(57) Abstract :

The invention relates to curable compounds that comprise epoxy resins amino hardeners and a phosphonate from formula (I). By adding of phosphonate from formula (I) hardened epoxy resins are obtained according to the invention which hardened epoxy resins have both an improved fire retardancy and an increased glass transition temperature relative to the corresponding resins without said addition.

No. of Pages : 20 No. of Claims : 14

(21) Application No.10313/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM FOR AND METHOD OF RE PROFILING LOCOMOTIVE AND RAIL CAR WHEELS

(51) International classification	:B23B5/32	(71)Name of Applicant :
(31) Priority Document No	:61/484562	1)HJR EQUIPMENT RENTAL INC.
(32) Priority Date	:10/05/2011	Address of Applicant :2400 I Lane Bark River Michigan
(33) Name of priority country	:U.S.A.	49807 U.S.A.
(86) International Application No	:PCT/US2012/036755	(72)Name of Inventor :
Filing Date	:07/05/2012	1)ROSS Harold F.
(87) International Publication No	:WO 2012/154660	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

One embodiment relates to an apparatus for configuring a wheel associated with a train. The apparatus comprises a tool configured to engage the wheel a compound slide system for positioning the cutting tool in at least two axes. The compound slide system is controlled so that the wheel is configured in accordance with a profile. The slide system can be moved mechanically and/or pneumatically and/or can use a mechanical profile. The apparatus can have a low profile.

No. of Pages : 40 No. of Claims : 15

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BEAD OF A TYRE FOR A HEAVY VEHICLE OF CONSTRUCTION PLANT TYPE (51) International classification :B60C15/00,B60C15/06 (71)Name of Applicant : (31) Priority Document No :1154930 1)COMPAGNIE GENERALE DES ETABLISSEMENTS (32) Priority Date :07/06/2011 MICHELIN (33) Name of priority country Address of Applicant :12 Cours Sablon F 63000 Clermont :France (86) International Application No :PCT/EP2012/060648 Ferrand France Filing Date :06/06/2012 2)Michelin Recherche et Technique S.A. (87) International Publication No (72)Name of Inventor : :WO 2012/168271 (61) Patent of Addition to Application 1)BONDU Lucien :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to improvements to the endurance of the beads of a radial tyre for a heavy vehicle of construction plant type by reducing the cracking that starts on the axially exterior face of the turned back portion and spreads through the coating and filling polymer materials. According to the invention a transition element (28) made of a transition polymer material is in contact via its axially interior face with the coating polymer material of the axially exterior face of the turned back portion (21b) and via its axially exterior face with the filling polymer material (26) and the elastic modulus at 10% elongation of the transition polymer material is somewhere between the respective elastic moduli at 10% elongation of the coating polymer material and of the filling polymer material.

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

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD OF DETERMINING THE OPTIMAL WAVELENGTH FOR INSPECTING OPHTHALMIC LENSES

 (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 	:61/497825 :16/06/2011 :U.S.A. :PCT/US2012/042277 :13/06/2012 :WO 2012/174131 :NA	 (71)Name of Applicant : 1)JOHNSON & JOHNSON VISION CARE INC. Address of Applicant :7500 Centurion Parkway Jacksonville FL 32256 U.S.A. (72)Name of Inventor : 1)SITES Peter W. 2)EDWARDS Russell J. 3)CAGLE Kenneth L.
11	:NA :NA	SJCAGLE Kenneth L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods for inspecting ophthalmic lenses with different wavelengths of radiation are disclosed herein.

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

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : WORK VEHICLE DISPLAY DEVICE FOR WORK VEHICLE METHOD FOR CONTROLLING DISPLAY DEVICE FOR WORK VEHICLE BACKHOE LOADER DISPLAY DEVICE FOR BACKHOE LOADER AND METHOD FOR CONTROLLING DISPLAY DEVICE FOR BACKHOE LOADER

(51) International classification	·E02E0/26 B62D40/00	(71)Name of Applicant :
(31) Priority Document No	:2011140353	1)KOMATSU LTD.
(32) Priority Date	:24/06/2011	Address of Applicant :2 3 6 Akasaka Minato ku Tokyo
(33) Name of priority country	:Japan	1078414 Japan
(86) International Application No	:PCT/JP2012/054825	(72)Name of Inventor :
Filing Date	:27/02/2012	1)SHIBATA Takehiro
(87) International Publication No	:WO 2012/176499	
(61) Patent of Addition to Application	2.7.4	
Number	:NA	
	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a work vehicle in which a loader and a backhoe are arranged at different positions in the horizontal direction wherein the work vehicle comprises the following: a seat for which an orientation position toward the loader and an orientation position toward the backhoe can be switched; sensors (51 52) for detecting the orientation position of the seat; a display unit (40); and a control unit (42) for displaying on the display unit (40) first display content including an individual monitoring item relevant to the operating state of the loader in a case where the orientation position detected by the sensors (51 52) is the orientation position toward the loader and for displaying on the display unit (40) second display content including at least one individual monitoring item relevant to the operating state of the backhoe in a case where the orientation position detected by the sensors (51 52) is the orientation position toward the backhoe.

No. of Pages : 53 No. of Claims : 13

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BRIDGED BUS BAR FOR ELECTROCHROMIC DEVICES

 (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 	:PCT/US2012/039346 :24/05/2012 :WO 2012/162502	 (71)Name of Applicant : 1)SAGE ELECTROCHROMICS INC. Address of Applicant :One Sage Way Faribault MN 55021 U.S.A. (72)Name of Inventor : 1)MURPHY Sean 2)SBAR Neil L. 3)MCCOMISKEY Greg
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In one aspect of the present invention is an electrochromic device comprising at least one bus bar (520) wherein the at least one bus bar is in communication with a conductive seal (530). In some embodiments of the present invention the conductive seal is comprised of a material selected from the group consisting of an adhesive resin or polymer impregnated with a suitable conductive metal or an intrinsically conductive polymer.

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

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ADJUSTING THE AMOUNT OF DATA BANDWIDTH PROVIDED TO A MOBILE DEVICE

 (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 	:H04W28/20,H04W72/04 :61/502462 :29/06/2011 :U.S.A. :PCT/SG2012/000230 :28/06/2012 :WO 2013/002732 :NA :NA	 (71)Name of Applicant : 1)CHIKKA PTE LTD Address of Applicant :24 Raffles Place #27 01 Clifford Centre Singapore 048621 Singapore (72)Name of Inventor : 1)MENDIOLA Dennis
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides a system for adjusting the amount of data bandwidth provided to a mobile device comprising a bandwidth adjustment facilitator arranged to receive a request from the mobile device for adjusting the amount of data bandwidth; a bandwidth throttler in communication with the bandwidth adjustment facilitator; the bandwidth throttler adapted to cap or allocate excess available data bandwidth to the mobile device; wherein on receipt of the request the bandwidth adjustment facilitator process the request and if the request is successfully processed adjusts the data bandwidth provided to the mobile device via the bandwidth throttler. The system may further be adapted for billing/charging based on either pay per specified time model or pay per action model. The invention is conveniently suited for use in telecommunications system and does not require modifications to be made to existing telecommunications system.

No. of Pages : 24 No. of Claims : 27

(21) Application No.10321/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BLOCK MOLDING MACHINE HAVING A LINEARLY GUIDED SUPPORT ELEMENT (51) International classification :B28B3/02,B30B15/04 (71)Name of Applicant : (31) Priority Document No :10 2011 050 971.2 1)REKERS VERWALTUNGS GMBH & CO. KG (32) Priority Date :09/06/2011 Address of Applicant : Gerhard Rekers Str. 1 48480 Spelle (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2012/060516 (72)Name of Inventor : Filing Date **1)FOPPE Norbert** :04/06/2012 (87) International Publication No :WO 2012/168193 (61) Patent of Addition to Application :NA Number :NA Filing Date

:NA

:NA

(57) Abstract :

Filing Date

The invention relates to a block molding machine (1) comprising a bearing block (3) and a primary frame (2) which can be locked on the bearing block (3) in a vertically adjustable manner. At least one mold lifting device (19) for lifting and lowering a block mold (20) is provided on the primary frame (2). The primary frame (2) can be displaced relative to the bearing block (3) by actuating the mold lifting device (19) which is supported on the bearing block (3). The invention further relates to a method for vertically adjusting a block molding machine (1) comprising the following steps: displacing a mold lifting device (19) to a position (AS) supported on a bearing block (3); releasing a primary frame locking unit (9) for the primary frame (2); actuating the mold lifting device (19) such that the primary frame (2) is lifted; and applying the primary frame locking unit (9) for the primary frame (2).

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

(62) Divisional to Application Number

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : UTILIZING A MULTIPHASE REACTOR FOR THE CONVERSION OF BIOMASS TO PRODUCE SUBSTITUTED FURANS

 (51) International classification (31) Priority Document Not (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 	:C07D307/46,C07D307/50,C12P17/04 :61/495324 :09/06/2011 :U.S.A. :PCT/US2012/041087 :06/06/2012 :WO 2012/170520 :NA :NA :NA	 (71)Name of Applicant : MICROMIDAS INC. Address of Applicant :930 Riverside Parkway Suite 10 West Sacramento CA 95605 U.S.A. (72)Name of Inventor : MASUNO Makoto N. BISSELL John SMITH Ryan L. HIGGINS Brian WOOD Alex Benjamin FOSTER Marc
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(57) Abstract :

The present disclosure provides methods to produce substituted furans (halomethylfurfural hydroxymethylfurfural and furfural) by acid catalyzed conversion of biomass using a gaseous acid in a multiphase reactor such as a fluidized bed reactor.

No. of Pages : 32 No. of Claims : 83

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(51) International classification :G06T7/20 (71)Name of Applicant : (31) Priority Document No **1)ALCATEL LUCENT** :11305768.1 (32) Priority Date Address of Applicant :3 avenue Octave Grard F 75007 Paris :20/06/2011 (33) Name of priority country :EPO France (86) International Application No :PCT/EP2012/060512 (72)Name of Inventor : Filing Date 1)TYTGAT Donnv :04/06/2012 (87) International Publication No :WO 2012/175321 2)LIEVENS Sammy (61) Patent of Addition to Application **3)AERTS Maarten** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND ARRANGEMENT FOR 3 DIMENSIONAL IMAGE MODEL ADAPTATION

(57) Abstract :

Method for adapting a 3D model (m) of an object said method comprising the steps of performing at least one projection of said 3D model to obtain at least one 2D image model projection (p1) with associated depth information (d1) performing at least one state extraction operation on said at least one 2D image model projection (p1) thereby obtaining at least one state (s1) adapting said at least one 2D image model projection (d1) in accordance with said at least one state (s1) and with a target state (s) thereby obtaining at least one adapted 2D image model (p1) and an associated adapted depth (d1) back projecting said at least one adapted 2D image model (p1) to 3D based on said associated adapted depth (d1) for thereby obtaining an adapted 3D model (m).

No. of Pages : 37 No. of Claims : 10

(21) Application No.10022/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

 (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 	:PCT/US2012/051766 :21/08/2012 :WO 2013/028706 :NA :NA	 (71)Name of Applicant : 1)SPECTRAL PLATFORMS INC. Address of Applicant :5652 Stardust Road La Canada CA 91011 U.S.A. (72)Name of Inventor : 1)VERMA Ravi Kant 2)IBRAHIM Ashraf Samir 3)ZANGWILL Kenneth Matthew 	
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(54) Title of the invention : RAPID DETECTION OF METABOLIC ACTIVITY

(57) Abstract :

Some aspects of the invention provide for a method for detecting metabolic activity in a sample by obtaining a sample illuminating the sample at a plurality of time points measuring transmitted light from a marker of metabolic activity in the sample at the plurality of time points and detecting the presence or absence of metabolic activity from a change in the transmitted light at the plurality of time points. Other aspects of the invention provide for a method for detecting metabolic activity in a sample by providing a sample have a detectable marker therein that is reflective of metabolic activity in the sample producing an amplified signal from the marker measuring the amplified signal at a plurality of time points and detecting metabolic activity from a change in the signal. Additional aspects provide for a system for detecting metabolic activity in a sample.

No. of Pages : 72 No. of Claims : 60

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CARBONYL CONTAINING COMPOUNDS FOR CONTROLLING AND REPELLING CIMICIDAE POPULATIONS

(51) International classification:A01N35/02,A01N37/00,A01N43/08(31) Priority Document No (32) Priority Date:61/468988 :29/03/2011(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/CA2012/050203 :29/03/2012(87) International Filing Date:WO 2012/129702(87) International Filing Date:WA :NA :NA(61) Patent of Addition to Filing Date:NA :NA :NA(62) Divisional to Filing Date:NA :NA	 (71)Name of Applicant : 1)SEMIOSBIO TECHNOLOGIES INC. Address of Applicant :5601 Fairview Place Vancouver British Columbia V6T 2E2 Canada (72)Name of Inventor : 1)GILBERT Michael
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(57) Abstract :

Compositions and methods for controlling and/or repelling bedbugs are provided. The compositions comprise one or more compounds having bedbug repellant activity. Such compounds may be for example naturally occurring semiochemicals or structural or functional analogs of naturally occurring semiochemicals. Exemplary compounds are compounds of general formula (I).

No. of Pages : 62 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DATA PAT	H PROCESSING	
 (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 		 (71)Name of Applicant : 1)ALLOT COMMUNICATIONS LTD. Address of Applicant :422 HaNagar Street Industrial Zone B 45240 Hod HaSharon Israel (72)Name of Inventor : 1)FOX Michael 2)MUSHTAQ Faisal 3)GIERACH Karl

(57) Abstract :

An intermediate device receives a content data message addressed to a receiving device for a communication session between a source device and the receiving device. The intermediate device substitutes adapted content data for content data of the content data message and then sends the adapted content data to the receiving device such that it appears to the receiving device that the adapted content data originated from the source device. The communication from the source device to the receiving device is intercepted by the intermediate device in a manner that is transparent to the source device and receiving device.

No. of Pages : 41 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

(51) International classification	:D01B1/02	(71)Name of Applicant :
(31) Priority Document No	:13/117697	1)COTTON INCORPORATED
(32) Priority Date	:27/05/2011	Address of Applicant :6399 Weston Parkway Cary North
(33) Name of priority country	:U.S.A.	Carolina 27513 U.S.A.
(86) International Application No	:PCT/US2012/038047	(72)Name of Inventor :
Filing Date	:16/05/2012	1)WEDEGAERTNER Thomas C.
(87) International Publication No	:WO 2012/166360	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : COTTONSEED DELINTERS AND METHODS

(57) Abstract :

Systems and methods for removing linters from ginned cottonseeds are provided. The systems and methods involve rotating the cottonseeds in a rotatable drum having a plurality of longitudinal brushes. The centrifugal force created by the rotation of the drum and the plurality of longitudinal brushes urge the cottonseeds against an interior surface of the drum that is lined with a flexible abrasive member. In this way work is performed that removes the linters from the cottonseeds. The linters are removed using reduced pressure and the processed seeds are removed. Other systems and methods are disclosed.

No. of Pages : 27 No. of Claims : 23

(21) Application No.10333/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(51) International classification	:B60N2/20,B60N2/225	(71)Name of Applicant :
(31) Priority Document No	:10 2011 105 360.7	1)KEIPER GMBH & CO. KG
(32) Priority Date	:21/06/2011	Address of Applicant :Hertelsbrunnenring 2 67657
(33) Name of priority country	:Germany	Kaiserslautern Germany
(86) International Application No	:PCT/EP2012/061488	(72)Name of Inventor :
Filing Date	:15/06/2012	1)EMRICH Holger
(87) International Publication No	:WO 2012/175428	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : VEHICLE SEAT IN PARTICULAR MOTOR VEHICLE SEAT

(57) Abstract :

The invention relates to a vehicle seat in particular a motor vehicle seat comprising a seat part (3) a backrest (4) that is attached to the seat part (3) such as to pivot about a backrest axis (L) seat rails (9) for adjusting the seat length position of the vehicle seat (1) which rails are provided on the seat part (3) a control lever (30) for unlocking the seat rails (9) that is pivotably mounted on the seat part (3) and an unlocking cam (40) for acting on the control lever (30) said cam being fixed to the backrest. According to the invention the control lever (30) has a deactivated state in which the unlocking cam (40) moves past the control lever (30) at a distance during the pivoting of the backrest (4) and an activated state in which the unlocking cam (40) is seated against the control lever (30) and acts thereon during the pivoting of the backrest (4).

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

(21) Application No.10324/DELNP/2013 A

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RIFAXIMIN DIMETHYLFORMAMIDE SOLVATE

 (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 	:02/05/2011 :India :PCT/IB2012/052200 :02/05/2012 :WO 2012/150561 :NA :NA :NA	 (71)Name of Applicant : 1)RANBAXY LABORATORIES LIMITED Address of Applicant :Head Office: 12th Floor Devika Tower 06 Nehru Place New Delhi Delhi 110019 Delhi India (72)Name of Inventor : 1)JARYAL Jagdev Singh 2)KAPOOR Munish 3)SATHYANARAYANA Swargam 4)THAPER Rajesh Kumar 5)PRASAD Mohan 6)ARORA Sudershan Kumar
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a new polymorphic form of rifaximin designated as DMF solvate and the process for its preparation. It also provides a pharmaceutical composition comprising the same and its use for the treatment of bowel related disorders.

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

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND INSERT FOR DENSITY GRADIENT SEPARATION

(51) International classification	n:B04B7/12,B01D21/26,B04B15/00	(71)Name of Applicant :
(31) Priority Document No	:61/482886	1)STEMCELL TECHNOLOGIES INC.
(32) Priority Date	:05/05/2011	Address of Applicant :570 West Seventh Avenue Suite 400
(33) Name of priority country	:U.S.A.	Vancouver British Columbia V5Z 1B3 Canada
(86) International Application No Filing Date	:PCT/CA2012/000418 :03/05/2012	(72)Name of Inventor :1)WOODSIDE Steven M.
(87) International Publication No	:WO 2012/149641	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

An insert for a centrifuge tube suitable for use in density gradient separation is described. The insert includes a member sized to fit within the tube for dividing the tube into a top portion and a bottom portion. Optionally the insert has a support extending or depending from the member for positioning the member within the tube. At least two openings are located on the member so that a first opening is closer to a bottom end of the tube relative to a second opening when the insert is positioned in the centrifuge tube. Also described are methods for separating a target population of cells from a sample using the insert for a centrifuge tube.

No. of Pages : 47 No. of Claims : 48

(21) Application No.10326/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : STRENGTHENING EMBOSSMENT FOR MOUNTING			
 (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 		 (71)Name of Applicant : 1)AUTONEUM MANAGEMENT AG Address of Applicant :Schlosstalstrasse 43 CH 8406 Winterthur Switzerland (72)Name of Inventor : 1)DOS REIS Marco Antonio 2)KIESSIG Michael 3)MELNYKOWYCZ Mark Myron 4)SACRAMENTO Marcos Antonio Paloschi 	

(57) Abstract :

Heatshield with at least one hole characterised in that an embossment pattern is arranged around the hole whereby the embossment pattern comprises of a plurality of protruding elongated elements extending or radiating essentially perpendicular to the perimeter of the hole.

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

(19) INDIA(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(71)Name of Applicant : :C02F3/28,C02F3/06,C02F3/10 1)KABUSHIKI KAISHA TOSHIBA (51) International classification (31) Priority Document No Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokvo :2011123611 (32) Priority Date :01/06/2011 1058001 Japan (33) Name of priority country (72)Name of Inventor : :Japan (86) International Application No :PCT/JP2012/064220 1)OBARA Takumi Filing Date :31/05/2012 2)TSUTSUMI Masahiko (87) International Publication No :WO 2012/165597 3)ASHIKAGA Nobuyuki (61) Patent of Addition to 4)YAMAMOTO Katsuya :NA Application Number **5)TAMURA Hiroshi** :NA Filing Date 6)NODA Kazuhiko (62) Divisional to Application 7)NAKAZAWA Hitoshi :NA Number 8)KAWAGUCHI Yukio :NA Filing Date 9)HASHIMOTO Toshikazu 10)TSUJI Koji

(54) Title of the invention : WASTE WATER TREATMENT APPARATUS

(57) Abstract :

Provided is a waste water treatment apparatus that can sufficiently prevent granules formed from aggregations of anaerobic microorganisms from flowing from a reactor. The waste water treatment apparatus (1) is provided with: a reactor main unit (21a) having an introduction opening in the bottom thereof; a supply device (3) that generates a rising flow of waste water; an aggregate layer (22) formed from accumulation of granules (30) in the lower part of the reactor main unit (21a); a carrier (14) that can support anaerobic microbes; an elimination device (27 L2) that eliminates waste water above the carrier (14) from the reactor main unit (21a); and a gas solid liquid separation device (10A) with which granules (32) with attached bubbles are introduced toward a surface boundary (15) the granules (30) and the bubbles separated and the granules (30) that have been separated from the bubbles guided from the surface boundary (15) to an area sandwiched by the aggregate layer (22) and carrier (14) without coming into contact with the carrier (14).

No. of Pages : 53 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(51) International classification	:G07D9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HITACHI OMRON TERMINAL
(32) Priority Date	:NA	SOLUTIONSCORPORATION
(33) Name of priority country	:NA	Address of Applicant :6 3 Osaki 1 Chome Shinagawa ku
(86) International Application No	:PCT/JP2011/003138	Tokyo 1418576 Japan
Filing Date	:03/06/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/164629	1)FUJITA Junji
(61) Patent of Addition to Application	:NA	2)KADOWAKI Minoru
Number	:NA	3)NISHIZAWA Naoaki
Filing Date	.1111	4)NAGURA Akihiro
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BILL STORAGE BOX AND BILL HANDLING DEVICE

(57) Abstract :

The present invention is characterized in that at least a first bill storage unit and a second bill storage unit are stacked and arranged in the stated sequence from a bill insert/discharge port side provided to the upper surface of the bill storage box; a door for filling and removing bills inside the bill storage units and an opening and closing part for removing bills retained in an internal conveyance path between the first bill storage unit and the internal conveyance path are included; and the opening and closing direction of the door for filling and removing bills in the first bill storage unit and the opening and closing direction of the opening and closing part are substantially the same.

No. of Pages : 51 No. of Claims : 11

(21) Application No.10249/DELNP/2013 A

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ADJUSTABLE ATTACHMENT DEVICE FOR FURNITURE

	n:A47B3/08,A47B13/02,F16B12/44	
(31) Priority Document No	:61/493215	1)KNOLL INC.
(32) Priority Date	:03/06/2011	Address of Applicant :1235 Water Street East Greenville
(33) Name of priority country	:U.S.A.	Pennsylvania 18041 U.S.A.
(86) International Application	DCT/1102012/020220	(72)Name of Inventor :
No	:PCT/US2012/039239	1)RUZICKA Pavel
Filing Date	:24/05/2012	
(87) International Publication No	:WO 2012/166487	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An article of furniture includes a support and a plurality of members each of the members extending along the bottom face of the support. Each of a plurality of attachment devices attaches a respective one of a plurality of legs to one of the members such that each of the members is attached to at least one of the legs. The attachment devices include multiple bodies and multiple fasteners. Each of the attachment devices are able to be adjusted as needed to account for slight manufacturing discrepancies that may occur due to manufacturing tolerance ranges so that the legs attached to the members via the attachment devices are positionable where desired in accordance with a predetermined design.

No. of Pages : 27 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : EXTRUSION PROCESS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (37) International Application (38) International Publication (39) International Publication (40) 2012/163836 (51) Patent of Addition to (52) Divisional to Application (52) Divisional to Application (53) Na (54) Divisional to Application (54) Divisional to Application (54) Divisional to Application (51) Patent (52) Divisional to Application (52) Divisional to Application (53) NA (54) Patent (54) Patent (54) Patent (53) Patent (54) Patent (54) Patent (54) Patent (54) Patent (54) Patent (55) Patent (56) Patent (57) Pat		 2) Priority Date 3) Name of priority country 6) International Application 6) Filing Date 7) International Publication 1) Patent of Addition to pplication Number Filing Date 2) Divisional to Application 	:11167927.0 :27/05/2011 :EPO :PCT/EP2012/059849 :25/05/2012 :WO 2012/163836 :NA :NA :NA	 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 The Heerlen Netherlands (72)Name of Inventor : 1)FUNDA Elger 2)TELEKI Alexandra 3)BREMER Leonardus Gerardus Bernardus 4)ELEMANS Pierre 	
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(57) Abstract :

The present invention relates to a process for the production of extruded formulations comprising oil in water emulsion droplets to such formulations as well as to the use.

No. of Pages : 27 No. of Claims : 24

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE HAVING AT LEAST ONE PISTON WHICH MOVES TO AND FRO

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	1/2011 6/2011	 (71)Name of Applicant : 1)AVL LIST GMBH Address of Applicant :Hans List Platz 1 A 8020 Graz Austria (72)Name of Inventor : 1)MELDE TUCZAI Helmut 2)ZURK Andreas 3)KNOLLMAYR Christof 4)BLAINDORFER Gerd
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(57) Abstract :

The invention relates to an internal combustion engine (20) having at least one piston (21) which moves to and fro for driving a crankshaft (23) having at least one auxiliary shaft (2) which is drive connected to the crankshaft (23) and is preferably configured as a mass balancing shaft having at least one pump (1) in particular an oil pump with at least one rotor (8) which is drive connected to the crankshaft (23) or the auxiliary shaft (2). A construction which saves parts and is compact can be achieved if the pump (1) is integrated into a structure (27) which accommodates at least one bearing (24) for the crankshaft (23) or the auxiliary shaft (2).

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

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CLOTH ELECTRONIZATION PRODUCT AND METHOD

 (51) International classificatio (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 	:PCT/CN2012/000574 :28/04/2012 :WO 2012/146066 :NA :NA	 (71)Name of Applicant : 1)YANG Chang Ming Address of Applicant :No.27 Guangfu Rd. Jhunan Miaoli Taiwan China 2)CHOU Chunmei (72)Name of Inventor : 1)YANG Chang Ming 2)CHOU Chunmei
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(57) Abstract :

A cloth electronization product and method. The cloth electronization product at least comprises packaging cloth (1) or a hot melt adhesive film as a circuit board at least comprises an electronic component (3) and at least comprises a thread (2) connected to a conductive region (5) of the electronic component. After being connected to the thread the electronic component is sewed on the packaging cloth or the hot melt adhesive film or in a process that the thread is pasted or sewed on the packaging cloth or the hot melt adhesive film the electronic component is connected to the thread and then the packaging cloth is sewed on garment cloth (1) or the hot melt adhesive film is melted in the packaging cloth or the garment cloth. The original structure of the hot melt adhesive film disappears and a miniaturization effect of the hot melt adhesive film is generated. Through the foregoing two methods composing packaging an insulation effect and a wiring process of garment electronization can be implemented.

No. of Pages : 59 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION	
(19) INDIA	

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SIGNAL PROCESSING

 (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 	n :H03F3/217,H03K7/08,H02M1/44 :11305653.5 :27/05/2011 :EPO :PCT/EP2012/059043 :15/05/2012 :WO 2012/163672 :NA :NA :NA	 (71)Name of Applicant : 1)ST ERICSSON SA Address of Applicant :39 Chemin du Champ des Filles CH 1228 Plan les Ouates Switzerland (72)Name of Inventor : 1)FRAISSE Christian 2)NAGARI Angelo
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(57) Abstract :

Electronic device comprising: a delay line (5) configured to generate a spread spectrum clock signal from a clock signal a timing jitter and a period jitter of the spread spectrum clock signal being controlled at each period of the spread spectrum clock signal depending on a digital code an oscillator (6) configured to use the spread spectrum clock signal to generate a processing signal and a modulator (7) configured to modulate the processing signal as a function of a signal.

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

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : 3D PATHOLOGY SLIDE SCANNER

 (51) International classification (31) Priority Document No (61/490041 (32) Priority Date (25/05/2011 (33) Name of priority (33) Name of priority (33) Name of priority (34) Name of priority (35) Name of priority (36) International (37) International Publication (37) International Publication (37) International Publication (37) International Publication (38) International Publication (39) No (31) Priority Date (32) Priority Date (32) Priority Date (33) Name of priority (34) Priority Date (35) PCT/CA2012/000499 (35) PCT/CA2012/000499 (36) PCT/CA2012/000499 (37) International Publication (37) PCT/CA2012/000499 (37) International Publication (38) PCT/CA2012/159205 (37) International Publication (38) PCT/CA2012/159205 (38) PCT/CA2012/159205 (39) PCT/CA2012/159205 (30) PCT/CA2012/159205 (31) PCT/CA2012/159205 (32) PCT/CA2012/159205 (32) PCT/CA2012/159205 (33) PCT/CA2012/159205 (34) PCT/CA2012/159205 (35) PCT/CA2012/159205 (36) PCT/CA2012/159205<th> (71)Name of Applicant : (1)HURON TECHNOLOGIES INTERNATIONAL INC. Address of Applicant :550 Parkside Drive Unit B6 Waterloo Ontario N2L 5V4 Canada (72)Name of Inventor : 1)DAMASKINOS Savvas (NMI) 2)DIXON Arthur Edward 3)CRAIG Ian James </th>	 (71)Name of Applicant : (1)HURON TECHNOLOGIES INTERNATIONAL INC. Address of Applicant :550 Parkside Drive Unit B6 Waterloo Ontario N2L 5V4 Canada (72)Name of Inventor : 1)DAMASKINOS Savvas (NMI) 2)DIXON Arthur Edward 3)CRAIG Ian James
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(57) Abstract :

An instrument and method for scanning a large specimen comprises a specimen holder to support the specimen an optical system to focus an image of a series of parallel object planes onto one of a two dimensional detector array multiple linear arrays multiple TDI arrays and multiple two dimensional arrays. The detector array has a detector image plane that is tilted relative to the series of object planes in a scanned direction to enable a series of image frames of the specimen to be obtained in order to produce a three dimensional image of at least part of the specimen with data from each row of the image frame representing a different plane in the three dimensional image.

No. of Pages : 47 No. of Claims : 15

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RESILIENCY AWARE HYBRID DESIGN OF CONTROLLER SWITCH CONNECTIVITY IN A SPLIT ARCHITECTURE SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04L12/56 :61/513140 :29/07/2011 :U.S.A. :PCT/IB2012/053667	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)BEHESHTI ZAVAREH Neda
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and apparatus for optimizing the resilience of a network using a combination of in band and out of band signaling is disclosed. The metric used in the embodiments algorithm to determine resilience is the maximum number of protected neighbors. Nodes closer to the controller are assigned a higher weight than those further from the controller because if their connection to the network is interrupted all their downstream nodes will be affected and disconnected. Therefore when determining a path to the controller switches with alternate paths to the controller are preferred. Dedicated connections using out of band signaling are assigned to convert unprotected nodes to protected nodes thus improving the resilience of the network.

No. of Pages : 25 No. of Claims : 19

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND ARRANGEMENT FOR DISPATCHING REQUESTS

No Filing Date (87) International Publication No (61) Patent of Addition to		 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)HEGARTY Cormac 2)CASTELLANOS ZAMORA David 3)FERNANDEZ GALMES Juan Manuel
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method and arrangements for performing domain resolution prior to dispatching a request. A request from an Application Server (AS) is received. The AS and the network node are present in a first network domain. At least one target network domain is determined based on at least one domain indicator in the request. The domain indicator being associated with at least a part of the request wherein the target domain is one of: the first network domain and a second network domain. Then the at least part of the request is dispatched to at least one subscriber server present in the determined target network domain(s).

No. of Pages : 30 No. of Claims : 14

(19) INDIA(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : HIGH OUTPUT POWER DIGITAL TX

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H03F1/00,H04B1/04,H03M1/66 :13/156751 :09/06/2011 :U.S.A. :PCT/EP2012/060819 :07/06/2012	 (71)Name of Applicant : 1)ERICSSON MODEMS SA Address of Applicant :Chemin du Champ des Filles 39 CH 1228 Plan les Ouates (GE) Switzerland (72)Name of Inventor : 1)VILHONEN Sami
(87) International Publication No	o:WO 2012/168379	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

THE DISCLOSED APPARATUS AND CORRESPONDING METHOD USES AMPLIFIERS AND A DIFFERENTIAL COMBINER TO CONTROL THE OUTPUT POWER OF A DIGITAL TO ANALOG UPCONVERTER AND TO ISOLATE IN PHASE AND QUADRATURE BRANCHES OF THE UPCONVERTER. FIRST AND SECOND UPCONVERTERS CONVERT IN PHASE AND QUADRATURE PORTIONS OF A BASEBAND DIGITAL VALUE TO RESPECTIVE FIRST/SECOND IN PHASE (L/L) AND FIRST/SECOND QUADRATURE (Q/Q) ANALOG COMPONENTS AT RF. FIRST AND SECOND AMPLIFIERS RESPECTIVELY AMPLIFY L L AND Q Q TO RESPECTIVELY GENERATE AMPLIFIED L L AND Q Q SIGNALS. THE FIRST AND SECOND AMPLIFIERS EACH OPERATE AT A 50% DUTY CYCLE AND IN AN INTERLEAVED FASHION SUCH THAT ONLY ONE AMPLIFIER IS ACTIVE TO GENERATE AN OUTPUT AT ANY TIME AND SUCH THAT THE AMPLIFIED SIGNALS ARE OUTPUT IN AN INTERLEAVED FASHION. A DIFFERENTIAL COMBINER COMBINES THE AMPLIFIED SIGNALS TO GENERATE THE RF ANALOG SIGNAL REPRESENTATIVE OF THE BASEBAND DIGITAL VALUE.

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

(21) Application No.10125/DELNP/2013 A

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : VEHICLE AND POWER TRANSMISSION/RECEPTION SYSTEM

(51) International classification (31) Priority Document No	:B60L5/00,B60L11/18,H02J7/00 :NA	(71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA :NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:NA	Japan
(86) International Application No	p:PCT/JP2011/062816	(72)Name of Inventor :
Filing Date	:03/06/2011	1)ICHIKAWA Shinji
(87) International Publication No :WO 2012/164742		
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A vehicle (100) includes a power reception unit (110) for receiving electric power for running of the vehicle (100) in a non-contact manner by electromagnetic field resonance, and a device power feeding unit (184) for transmitting electric power to be supplied to an in-vehicle electrical device in a non-contact manner by electromagnetic induction. A distance over which the electric power is transmitted 10 from an external power transmission unit (220) installed outside of the vehicle to the power reception unit (110) in a non-contact manner is longer than a distance over which the electric power is transmitted from the device power feeding unit (184) to the in-vehicle electrical device (400) in a non-contact manner. The vehicle (100) further includes a main battery (150) for supplying electric power to a motor generator (172, 15 174), and an auxiliary battery (182). The auxiliary battery (182) has a voltage lower than a voltage of the main battery (150). The device power feeding unit (184) receives electric power from the auxiliary battery (182) and transmits the power to the in-vehicle electrical device (400).

No. of Pages : 39 No. of Claims : 8

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NON CONTACT POWER RECEPTION DEVICE VEHICLE COMPRISING SAME NON CONTACT POWER TRANSMISSION DEVICE AND NON CONTACT POWER TRANSMISSION SYSTEM

(51) International classification	:H02J17/00,B60L5/00,B60L11/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:NA	Japan
(86) International Application No Filing Date	:PCT/JP2011/062818 :03/06/2011	(72)Name of Inventor : 1)ICHIKAWA Shinji
(87) International Publication No	:WO 2012/164744	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

AC POWER HAVING A POWER TRANSMISSION FREQUENCY (FL) IS TRANSMITTED FROM A RESONANT COIL (140) IN A POWER TRANSMISSION DEVICE (100) TO A RESONANT COIL (210) IN A POWER RECEPTION DEVICE (200). MOREOVER, COMMUNICATION IS CONDUCTED BETWEEN A COMMUNICATION DEVICE (170) IN THE POWER TRANSMISSION DEVICE AND A COMMUNICATION DEVICE (290) IN THE POWER RECEPTION DEVICE THROUGH WIRELESS RADIO WAVE HAVING A COMMUNICATION FREQUENCY (F2). THE POWER TRANSMISSION FREQUENCY (FL) AND THE COMMUNICATION FREQUENCY (F2) ARE DETERMINED IN SUCH A WAY THAT THE RELATIONSHIP BETWEEN THE POWER TRANSMISSION FREQUENCY (FL) AND THE COMMUNICATION FREQUENCY (F2) IS A NON-INTEGER MULTIPLE

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

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD OF DRAINING HEAT TRANSFER OIL IN A SOLAR POWER PLANT AND EQUIPMENT FOR DRAINING STORING AND REPLENISHING HEAT TRANSFER OIL IN ORDER TO IMPLEMENT SAID METHOD

(51) International classification	:F24J2/46,F24J2/04,F24J2/07	
(31) Priority Document No	:NA	1)LOGISTICA Y ACONDICIONAMIENTOS
(32) Priority Date	:NA	INDUSTRIALES S.A.U.
(33) Name of priority country	:NA	Address of Applicant : Av. Cortes Valencianas 58 E 46015
(86) International Application No	:PCT/ES2011/070385	Valencia Spain
Filing Date	:27/05/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/164105	1)LACALLE BAYO Jes ^o s
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method of draining heat transfer oil in a solar power plant and to equipment for draining storing and repositioning heat transfer oil in order to implement said method. The method includes filling auxiliary ducts flushing the oil from the solar power plant loop cooling the outgoing oil and extracting the oil by suction; replenishing includes filling the loop by impulsion and emptying the auxiliary ducts by aspiration. The installation includes an oil tank (7); a pumping assembly (6); an oil cooler (5); communication ducts between same; a depressor or aspiration assembly (8); an assembly of ducts for emptying (3) the loop of the installation forming a closed loop; and an assembly of filling ducts (4) forming a closed loop.

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

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ELECTRICAL ARCHITECTURE OF A HYBRID VEHICLE HYBRID VEHICLE AND CONTROL METHOD

 (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 	:1155753 :28/06/2011 :France	 (71)Name of Applicant : 1)RENAULT S.A.S. Address of Applicant :13 15 quai le Gallo F 92100 Boulogne Billancourt France (72)Name of Inventor : 1)VIGNON Antoine 2)FREMAU Nicolas 3)RANDI Sid Ali
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(57) Abstract :

Electrical architecture of a hybrid motor vehicle comprising a combustion engine (19) driving an alternator (21) that recharges a low voltage on board battery (22) connected to the starter (24) of the combustion engine and to the vehicle on board network (24) an electric traction machine (7) powered by a high voltage traction battery (18) and a hybrid transmission (17) having coupling means (5) that can occupy at least a first position in which the combustion engine (19) is uncoupled from the drive train connecting the electric machine (7) to the wheels a second position in which the wheels are driven by the combustion engine (19) with or without top up from the electric machine (7) and a third position in which the combustion engine (19) and the electric machine (7) are coupled in such a way as to combine their respective torques bound for the wheels. This architecture is characterized in that the combustion engine (19) and the alternator (21) constitute an electricity generator set capable of supplying the energy requirements of the traction electric machine (7) in electric mode.

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

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A USER EQUIPMENT AND A METHOD THEREIN FOR TRANSMISSION POWER CONTROL OF UPLINK TRANSMISSIONS

 (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 	:H04W52/24 :61/499371 :21/06/2011 :U.S.A. :PCT/SE2012/050462 :03/05/2012 :WO 2012/177207	2)DAHLMAN Erik 3)FR-BERG OLSSON Jonas
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	4)SIMONSSON Arne 5)J–NGREN George 6)SORRENTINO Stefano 7)BURSTR–M Per

(57) Abstract :

A UE and a method therein for transmission power control of uplink transmissions are provided. The method comprises receiving (810) through signalling a configuration indicating at least one reference signal RS and a reference transmission power level for each indicated RS. The method further comprises measuring (820)received power of the indicated at least one RS and for each measured received power determining (830)a pathloss PL based on the measured received power and the reference transmission power level for each measured received power. The method further comprises determining (840) an uplink transmission power based on at least one determined PL.

No. of Pages : 46 No. of Claims : 18

(21) Application No.11078/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H04L1/06,H04L1/00	(71)Name of Applicant :
(31) Priority Document No	:201110209507.4	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:15/07/2011	Address of Applicant :SE 164 83 Stockholm Sweden
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No	:PCT/CN2012/078681	
Filing Date	:16/07/2012	2)MIAO Qingyu
(87) International Publication No	:WO 2013/010467	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR UPLINK RANK ADAPTATION

(57) Abstract :

A method an apparatus and a system for uplink rank adaptation are provided in the present invention wherein the method comprises: estimating the maximum supportable data rate and channel information of a user equipment in uplink transmission; comparing the maximum supportable data rate with one or more predetermined thresholds wherein the predetermined thresholds are associated with corresponding ranks; and determining a rank used by the user equipment in the uplink transmission based on a result of the comparison and the estimated channel information. With the present invention a base station can quickly determine a rank for uplink MIMO transmission decrease the rank estimating error and lower the computation complexity for estimating the rank and the subsequent pre coding vector.

No. of Pages : 28 No. of Claims : 20

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BIOLOGICAL PRODUCT FOR CLEARING OF WATER INDUSTRIAL WASTEWATER AND SOIL FROM CHEMICALS WHICH ARE RESISTANT TO DEGRADATION AND METHOD FOR USING THE SAME

 (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 	:C12N1/20,C12R1/01,C12R1/125 :2011128996 :13/07/2011 :Russia :PCT/EP2012/052089 :08/02/2012 :WO 2013/007398 :NA :NA	 (71)Name of Applicant : 1)BIOLAND Ltd Address of Applicant :Nahimovskyj prospekt d. 52/27 pom. B Moskva 117292 Russia 2)ZAKUTAJEVA Galina (72)Name of Inventor : 1)ANISIMOVA Liliya 2)MARKUSHEVA Tatyana 3)KURAKOV Aleksandr 4)ZAKUTAYEV Andrey
Number	:NA :NA	

(57) Abstract :

Pseudomonas putidaBacillus subtilisRhodococcus erythropolisThe invention relates to a novel biological product for the purification of water soil industrial wastewater from chemicals that are resistant to degradation such as pesticides and oil wherein the bioproduct presents an association of strains of bacterias VKPM B 10997 VKPM B 10999 and VKPM Ac 1882 in a weight ratio of (1 2):(1 2):1. The bioproduct may further contain sorbent organic and mineral supplements and stimulating agents. Said bioproduct may be used for the decomposion of resistant to degradation pesticides and oil. Bioproduct has plant growth stimulating and fungicidal activity. The invention also relates to use of the offered biological product.

No. of Pages : 41 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(51) International classification :H04L12/56 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :61/510175 (32) Priority Date :21/07/2011 Address of Applicant :S 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor : :U.S.A. (86) International Application No 1)LU Wenhu :PCT/IB2012/053664 Filing Date :18/07/2012 2)TIAN Albert Jining (87) International Publication No :WO 2013/011469 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS AND NETWORK ELEMENTS OPERABLE TO SPECIFY AND DETERMINE COMPLETE SETS OF LINK STATE MESSAGES FOR LINK STATE ROUTING PROTOCOLS

(57) Abstract :

A method performed by a transmitter network element utilizing a link state routing protocol which has a maximum link state message size. The method is for providing information to avoid a disruption in data forwarding that would result from a receiver network element performing preferred route computations based on an incomplete set of link state messages. The method includes generating a complete set of link state messages having information indicating that the link state messages are the complete set of the link state messages. The complete set of the link state messages are collectively coherent with a link state of the transmitter network element. The method also includes transmitting the complete set of the link state messages and the information indicating that the link state messages are the complete set of the link state messages to a network. Also disclosed are transmitter network elements receiver network elements and methods thereof.

No. of Pages : 54 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CELL STRUCTURE PRODUCTION DEVICE

 (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 	¹ :PCT/JP2012/065568 :19/06/2012 ¹ :WO 2012/176751 :NA :NA	 (71)Name of Applicant : 1)NATIONAL UNIVERSITY CORPORATION SAGA UNIVERSITY Address of Applicant :1 Honjo machi Saga City Saga 8408502 Japan 2)CYFUSE BIOMEDICAL K.K. 3)SHIBUYA KOGYO CO. LTD. (72)Name of Inventor : 1)NAKAYAMA Koichi 2)YONEDA Kenji 3)SAKAMOTO Masahiro 4)KOSHIDA Ichiro 5)SHOMURA Masaharu 6)FUKAMURA Isao
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(57) Abstract :

A structure production device (2) is provided with a housing plate (3) on which a housing concave part (3a) for housing a cell cluster (1) is formed a supporting body (4) having a plurality of needle like bodies (6) penetrating the cell cluster a suction nozzle (19) for holding the cell cluster by adsorption and a movement means (20) for moving the suction nozzle. The suction nozzle is provided with a tubular adsorption part (19a) for holding one cell cluster by adsorption wherein the diameter of the adsorption part is smaller than the outer diameter of the cell cluster and is larger than the outer circumferential diameter of the needle like bodies (6a) of the supporting body (4). Once the adsorption part of the suction nozzle holds the cell cluster by adsorption the movement means moves the suction nozzle above a needle like body. Subsequently the suction nozzle is moved in the axial direction of the needle like body to stick the needle like body into the cell cluster. Then the needle like body that penetrated the cell cluster is inserted into the interior of the adsorption part. Thus it is possible to automatically produce a cell structure.

No. of Pages : 33 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:F21S2/00,F21Y101/02	(71)Name of Applicant :
(31) Priority Document No	:2011160469	1)PANASONIC CORPORATION
(32) Priority Date	:22/07/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2012/000741	(72)Name of Inventor :
Filing Date	:03/02/2012	1)MATSUDA Tsugihiro
(87) International Publication No	:WO 2013/014819	2)TAKEUCHI Nobuyoshi
(61) Patent of Addition to Application	·NI A	3)KAKUNO Yoshinori
Number	:NA	4)MIKI Masahiro
Filing Date	:NA	5)NAGAI Hideo
(62) Divisional to Application Number	:NA	6)UEMOTO Takaari
Filing Date	:NA	

(54) Title of the invention : LAMP

(57) Abstract :

In the present invention a lamp (1) is configured as follows: an LED module (5) and a lighting on circuit unit (17) are housed within a container that comprises a globe (7) and a case (9); the LED module (5) is mounted onto the end of an extension member (15) that extends from a base (13) which closes an opening at one end of the case (9) into the globe (7) and the circuit unit (17) is mounted inside the case (9) closed by the base (13); the insulation between the base (13) which is configured of a metal material and the circuit unit (17) is maintained by an insulative member (19) provided inside the case (9); the insulative member (19) has a closed bottom tubular shaped part (19a) that is inserted into the closed bottom tubular shaped base (13) and a protrusion (101) that is formed on the outer circumference of the closed bottom tubular shaped part (19a) and that protrudes towards the inner surface of the base (13) and the insulative member (19) is attached to the base (13) by the pressing force of the protrusion (101) against the inner surface of the base (13).

No. of Pages : 57 No. of Claims : 5

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : UNDERWATER VEHICLE COMPRISING AT LEAST ONE LOADER OF AT LEAST TWO MUNITIONS THE LOADER BEING REMOVABLE AND EXTRACTIBLE THROUGH AN OPENING IN A THIN HOLE OF THIS VEHICLE

(31) Priority Document No:11 56901(32) Priority Date:28/07/2011(33) Name of priority country:France	 8/32 (71)Name of Applicant : 1)DCNS Address of Applicant :40 42 rue du Docteur Finlay F 75015 Paris France (72)Name of Inventor : 1)RIVIERES Sbastien 2)DUPIN Nicolas 3)LUBRANO LAVADERCI Philippe
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(57) Abstract :

This underwater vehicle (10) comprises a thick interior hull (12) a thin exterior hole (14) surrounding the thick hole (12) the thin hole (14) comprising an orifice (20) and means (22) of shutting off the orifice (20) and a system (16) for launching underwater vehicles (18) the launch system (16) being positioned between the thick hole (12) and the thin hole (14). The orifice (20) is situated facing the launch system (16) and forms an opening providing access to the launch system (16). The launch system (16) comprises at least one loader (26) of at least two underwater vehicles (18) and means (28) of accepting the or each loader (26) removably the loader (26) being removable and able to be inserted into the receiving means (28) or extracted from the receiving means (28) through the access opening (20). The receiving means (28) comprise means of guiding the or each loader (26) in a vertical direction (Z) the or each loader (26) being able to be inserted or extracted in the vertical direction (Z) through the access opening (20) the vertical direction (Z) being perpendicular to the longitudinal direction (X).

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

(21) Application No.10335/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(51) International classification	:F28D19/04	(71)Name of Applicant :
(31) Priority Document No	:13/150428	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:01/06/2011	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(33) Name of priority country	:U.S.A.	Baden Switzerland
(86) International Application No	:PCT/US2012/039902	(72)Name of Inventor :
Filing Date	:29/05/2012	1)COWBURN Lawrence G.
(87) International Publication No	:WO 2012/166750	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : HEATING ELEMENT UNDULATION PATTERNS

(57) Abstract :

Heat transfer sheets (70) for a rotary regenerative heat exchanger (10) have a alternating first and second undulation surfaces (71 81). The first and second undulation surfaces (71 81) are composed of parallel ridges (75 85) angled in alternating directions. When the heat transfer sheets (70) are stacked they create passageways (79) between them that direct air/gas through them. The ridges (75 85) redirect the air flow near the surface of the heat transfer sheet (70) imparting turbulence reducing laminar flow to improve heat transfer. The heat transfer sheets (80) employ curved ridges (95) having valleys (97) between them that define passageways (99) that constantly redirect the air/gas flow minimizing turbulence creating efficient heat transfer.

No. of Pages : 18 No. of Claims : 15

(21) Application No.11100/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM FOR RE ENTERING A VESSEL LUMEN

 (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 	:61/502684 :29/06/2011 :U.S.A. :PCT/US2012/043542 :21/06/2012 :WO 2013/003194 :NA :NA	 (71)Name of Applicant : 1)CORDIS CORPORATION Address of Applicant :6500 Paseo Padre Parkway Fremont CA 94555 U.S.A. (72)Name of Inventor : 1)WILKINSON Matthew
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(57) Abstract :

This disclosure is directed to systems and methods for re-entering the true lumen of a vessel. The re-entry catheters (10) employ deflectable struts (20) to stabilize and support the distal tip (16) in a subintimal location while a passageway back into the true lumen is formed. Re-entry to the true lumen can be effected with a cutting element or with a conventional guidewire.

No. of Pages : 28 No. of Claims : 19

(21) Application No.11103/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : STEAM ACTIVATED NON LIGNOCELLULOSIC BASED CARBONS FOR ULTRACAPACITORS

(51) International classification	:H01G9/058	(71)Name of Applicant :
(31) Priority Document No	:13/185842	1)CORNING INCORPORATED
(32) Priority Date	:19/07/2011	Address of Applicant :1 Riverfront Plaza Corning New York
(33) Name of priority country	:U.S.A.	14831 U.S.A.
(86) International Application No	:PCT/US2012/043923	(72)Name of Inventor :
Filing Date	:25/06/2012	1)GADKAREE Kishor P
(87) International Publication No	:WO 2013/012521	2)HUSTED Andrew Fleitz
(61) Patent of Addition to Application	:NA	3)LIU Jia
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

A method for producing an activated carbon material includes heating 100 a non - lignocellulosic carbon precursor to form a carbon material (140) and reacting the carbon material (140) with steam to form an activated carbon material. The ac 120 tivated carbon material is suitable to form improved carbon-based electrodes for use in high energy density devices.

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

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPLICATOR SYSTEM FOR APPLYING A VISCOUS LIQUID TO THE HUMAN SKIN

(51) International classification	:A61M35/00,A61K9/00,A61K47/10	(71)Name of Applicant : 1)FERRING B.V.
(31) Priority Document No	:11171533.0	Address of Applicant :Polaris Avenue 144 NL 2132 JX
(32) Priority Date	:27/06/2011	Hoofddorp Netherlands
(33) Name of priority country	':EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:20/06/2012	1)CARRARA Dario 2)BURKE John Edward 3)ROBINSON David George
(87) International Publication No	:WO 2013/000778	4)FERNALL Robert Peter
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

The application relates to an applicator system (1) for applying a viscous liquid in particular a transdermal pharmaceutical formulation to the human skin comprising a metering dispenser (2) in turn comprising a container holding the viscous liquid and a pump (5) for metering the liquid and an applicator (3) detachably connected to the dispenser (2) and comprising an application surface (6) for receiving a metered amount of the liquid from the dispenser (2). The application surface (6) is convex.

No. of Pages : 27 No. of Claims : 22

(21) Application No.11106/DELNP/2013 A

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD OF ADMINISTRATION AND TREATMENT

 (51) International classification (31) Priority Document Notice (32) Priority Date (33) Name of priority country (86) International Application Notice (87) International Publication Notice (87) International Publication Notice (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/06/2011 :U.S.A. :PCT/US2012/044618 :28/06/2012 :WO 2013/003575	 (71)Name of Applicant : 1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED Address of Applicant :980 Great West Road Brentford Middlesex TW8 9GS U.K. (72)Name of Inventor : 1)AUGER Kurt R. 2)DAR Mohammed M. 3)FLEMING Ronald A.
Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to a method of treating cancer in a human in need thereof comprising determining the presence or absence of a detectable amount of a gene product of the Neurofibromin 2 (NF2) gene in a sample from said human and administering to said human an effective amount of a focal adhesion kinase (FAK) inhibitor or a pharmaceutically acceptable salt thereof if no gene product or no isoform 1 gene product is detected. This invention also relates to a method of treating cancer in a human in need thereof comprising determining the presence or absence of a detectable amount of a functional isoform 1 protein of the NF2 gene or a functional fragment thereof in a sample from said human and administering to said human an effective amount of a focal adhesion kinase (FAK) inhibitor or a pharmaceutically acceptable salt thereof if no gene product is detected.

No. of Pages : 77 No. of Claims : 16

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BRANCHED POLYAMIDE WITH DIFFERENT BLOCKS

(51) International classification	:C08G69/36,C08G69/28,C08G69/30	(71)Name of Applicant : 1)DSM IP Assets B.V.
(31) Priority Document No	:11005402.0	Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen
(32) Priority Date	:01/07/2011	Netherlands
(33) Name of priority country	y:EPO	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2012/062213 :25/06/2012	1)KUKALYEKAR Nileshkumar Prakash 2)WANG Zhujuan 3)RULKENS Rudy 4)LIGTHART Godefridus Bernardus Wilhelmus Leonardus
No	:WO 2013/004531	The second design and the second days
(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 high molecular weight branched polyamide polymer comprising (a) blocks predominantly consisting of AA BB repeat units (b) blocks predominantly consisting of AB repeat units and (c) branching units. The invention also relates to a process for the preparation of the high molecular weight branched polyamide polymer comprising (1) a melt mixing step wherein an essentially linear polyamide prepolymer (X 1) predominantly consisting of AA BB repeat units an essentially linear polyamide (pre)polymer (X 2) predominantly consisting of AB repeat units and a branching agent are provided to and mixed and heated in a melt mixing apparatus thereby forming a mixed melt and the mixed melt being cooled thereby forming a solid mixture; and (2) a solid state post condensation step wherein the solid mixture is post condensed at elevated temperature in the solid state thereby forming a high molecular weight branched polymer.

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

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:F16C33/78,F16C19/06	(71)Name of Applicant :
(31) Priority Document No	:2011141422	1)NTN CORPORATION
(32) Priority Date	:27/06/2011	Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku
(33) Name of priority country	:Japan	Osaka shi Osaka 5500003 Japan
(86) International Application No	:PCT/JP2012/065856	(72)Name of Inventor :
Filing Date	:21/06/2012	1)SASAKI Katsuaki
(87) International Publication No	:WO 2013/002115	2)RYOUNO Yoshiaki
(61) Patent of Addition to Application	:NA	3)LIAN Shuguang
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : ROLLING BEARING

(57) Abstract :

The tip end of seal member main body (8) comprises a seal lip portion (9) which comes into contact with an inner ring (1). The cross sectional shape of the seal lip portion (9) has a V shaped curved shape which curves at a lower section constituting an intermediate portion in the radial direction in such a way that a relief concave portion (13) is produced at the external side of a bearing space and said cross sectional shape is a tapered shape in which a protruding portion (12) close to the tip end side than the lower section becomes increasingly narrow toward the tip end. The seal member (5) when inserted in a bearing applies a pressing force to the inner ring (1) against the displacement of interference of the protruding portion (12). The protruding portion (12) is formed of an easily worn material which exhibits a light degree of contact by which when the bearing is used in a state of rotation the protruding portion (12) is worn so as to be non contact or to have a contact pressure of zero.

No. of Pages : 63 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SHIFT SWITC	CHING DEVICE	
 (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 	:B60K20/02 :NA :NA :NA :PCT/JP2011/064462 :23/06/2011 :WO 2012/176316 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KABUSHIKI KAISHA TOKAI RIKA DENKI SEISAKUSHO Address of Applicant :260 Toyota 3 chome Ohguchi cho Niwa gun Aichi 4800195 Japan 2)TOYOTA JIDOSHA KABUSHIKI KAISHA (72)Name of Inventor : 1)KATO Daisuke 2)HAYAKAWA Hideaki 3)KODERA Haruyuki 4)ENDO Kazumi 5)NAKADE Yusuke 6)KAMADA Atsushi

(57) Abstract :

A shift device is provided with a shift lever (11) a parking switch (20) and a neutral switch (30). A transmission (17) is switched to a range in which the transmission of driving force to driving wheels of a vehicle is started by the shift lever (11) being operated in two or more directions from a home position (H) and arriving at a specific position (D R). The transmission (17) is switched to a range (N P) in which the transmission of driving force to the driving wheels of the vehicle is interrupted by the parking switch (20) and the neutral switch (30) being operated in one direction.

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

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

		1
(51) International classification	:H05K7/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AAVID THERMALLOY LLC
(32) Priority Date	:NA	Address of Applicant :67 Primrose Drive Laconia New
(33) Name of priority country	:NA	Hampshire 03246 U.S.A.
(86) International Application No	:PCT/US2011/038299	(72)Name of Inventor :
Filing Date	:27/05/2011	1)KANG Sukhvinder Singh
(87) International Publication No	:WO 2012/166086	2)CENNAMO John Ralph
(61) Patent of Addition to Application	:NA	3)WHITNEY Bradley Robert
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 41 (1

(54) Title of the invention : THERMAL TRANSFER DEVICE WITH REDUCED VERTICAL PROFILE

(57) Abstract :

A thermal transfer device having a reduced vertical profile. The device includes a condenser with substantially vertical internal cooling fins. An inlet conducts a thermal transfer fluid in a vapor state to the tops of the cooling fins where the vapor condenses and flows down the fins to the bottom of the condenser. The bottom of the condenser is angled towards an outlet for conducting the liquid thermal transfer fluid to a reservoir for holding the fluid. The inlet and the outlet are both positioned at a height above the level of the thermal transfer fluid in liquid state in the reservoir. The device may also include fins on the exterior of the condenser for providing cooling surfaces which do not contact the thermal transfer fluid in either the liquid or vapor states.

No. of Pages : 47 No. of Claims : 27

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DRIVING AND CONTROLLING METHOD FOR BIOMIMETIC FISH AND BIOMIMETIC FISH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:201110193111.5 :11/07/2011 :China	 (71)Name of Applicant : 1)LU Xiaoping Address of Applicant :Room 302 7A Wankecheng Yifeng yuan Changping Town Dongguan Guangdong 523586 China (72)Name of Inventor : 1)LU Xiaoping
(87) International Publication No	:WO 2013/007181	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An aquatic toy that is a biomimetic fish with a watertight body portion. The body portion contains a battery electric - ally connected via a controller to at least one coil. The coil is positioned relative to a magnet and the coil can be caused to oscillate by virtue of a controller defined alternating current passing through the coil. The oscillation of the coil causes movement of a tail fin that is engaged to said watertight body to cause the fish to move forward through a body of water.

No. of Pages : 21 No. of Claims : 26

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : HEAD UP DISPLAY FOR A VEHICLE (51) International classification :G02B27/01,F16H1/28,F16H19/00 (71)Name of Applicant : (31) Priority Document No :10 2011 106 311.4 1)JOHNSON CONTROLS AUTOMOTIVE (32) Priority Date :01/07/2011 ELECTRONICS GMBH (33) Name of priority country Address of Applicant : Benzstrae 6 75196 Remchingen :Germany (86) International Application Germany :PCT/EP2012/062685 (72)Name of Inventor: No :29/06/2012 1)KILLGUSS Werner Filing Date 2)HERVY Sebastien (87) International Publication :WO 2013/004611 No 3)MAYER Ralf (61) Patent of Addition to 4)LUDEWIG Bernd :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a head up display (1) comprising a screen (2) a cover (3) for the screen (2) and a gear mechanism for simultaneously pivoting the screen (2) and the cover (3) around a pivot axis (4) between a first end position and a second end position and concurrently shifting the cover (3) relatively to the screen (2) in such a way that the cover (3) uncovers the screen (2) in the first end position and completely covers the screen (2) in the second end position. Furthermore the invention relates to the use of such a head up display (1) in a vehicle.

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

(19) INDIA

(22) Date of filing of Application :24/12/2013

(54) Title of the invention : INHALER FOR DRY POWDER

(43) Publication Date : 02/01/2015

	N BRI I O N BER	
(51) International classification	:A61M15/00	(71)Name of Applicant :
(31) Priority Document No	:1156039	1)APTAR FRANCE SAS
(32) Priority Date	:05/07/2011	Address of Applicant : Lieudit le Prieur F 27110 Le Neubour
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2011/052040	(72)Name of Inventor :
Filing Date	:07/09/2011	1)BAILLET Matthieu
(87) International Publication No	:WO 2013/004921	2)LAUT Antoine
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Inhaler for dry powder having a substantially cylindrical body (310) that defines a dispersion chamber (311) said body (310) having on its cylindrical wall a mouthpiece (330) that defines a dispensing orifice (331) said body (310) being provided at its first axial end part with a knurled wheel (370) mounted rotatably on said body (310) said knurled wheel (370) having a loading aperture (371) for receiving a capsule (10) containing a dose of dry powder said body (310) being provided at its second axial end part with a stopper (360) mounted removably on said body (310) said body (310) having at least one opening profile (312 313) designed to open a capsule (10) which has been inserted into said loading aperture (371) when said knurled wheel (370) is moved in rotation with respect to said body (310).

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

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

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(51) International classification	:E04B1/98,E04H9/02	(71)Name of Applicant :
(31) Priority Document No	:PA2011 00546	1)DAMPTECH A/S
(32) Priority Date	:15/07/2011	Address of Applicant :Brovej B. 118 DK 2800 Lyngby
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/EP2012/063714	(72)Name of Inventor :
Filing Date	:12/07/2012	1)MUALLA Imad H.
(87) International Publication No	:WO 2013/010917	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PASSIVE DAMPER

(57) Abstract :

A passive damper (1) with a first set (7) of parallel disposed plates (7a) and a second set (8) of parallel disposed plates (8b & 8d) that overlap one another in an alternating fashion at a rotational joint with damping pads (15) between the plates (7a & b & 8 & 8d). The rotational joint comprises a pin or bolt (9) inserted through apertures (15) in the plates (7a & b & 8 & 8d) and there is a connection hole (14b) in each of the plates of the second set (8) of plates for receiving a connection pin (6) therein for connecting the second set of plates (8) to a members (2 3) of a structure. The connection holes (14c 14d) in a selection of the plates (8c & 8d) of the second set (8) of plates is shaped and dimensioned to provide a predetermined amount of clearance with said connection pin (6) so that the connection pin (6) can move inside the connection holes (14c 14d) of the selection of plates (8c & 8d) to a predetermined extent without the selection of plates (8c & 8d) taking part in the damping action of the damper (1).

No. of Pages : 36 No. of Claims : 9

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPENSATION FOR GAS COMPOSITION (51) International classification :F02D19/02,F02D45/00,F02P5/15 (71)Name of Applicant : (31) Priority Document No :2011902594 1)ORBITAL AUSTRALIA PTY LTD (32) Priority Date :30/06/2011 Address of Applicant :4 Whipple Street Balcatta Western (33) Name of priority country :Australia Australia 6021 Australia (86) International Application (72)Name of Inventor : :PCT/AU2012/000771 **1)UTLEY Tyron Dean** No :29/06/2012 Filing Date (87) International Publication :WO 2013/000030 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

An engine control system (81) for inferring the composition of the gaseous fuel to compensate variations in the gas composition comprises an exhaust gas sensor (83) in communication with a flow path of the exhaust gas for measuring NOx emissions and Lambda in the exhaust gas at typically a full load condition. An engine control module (23) receives an indication of NOx emissions and Lambda in the exhaust gas from the exhaust gas sensor and references a suitable function look up table or map to identify gaseous fuel composition from the parameters relating to the NOx emissions and Lambda in the exhaust gas received from the exhaust gas sensor. The measurement of each parameter (NOx emissions and Lambda in the exhaust gas) is then compared with the respective allowable range for that load condition and the timing of ignition of a combustible charge adjusted accordingly to provide compensation.

No. of Pages : 26 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(51) International classification :B60C15/00,B60C15/06 (71)Name of Applicant : (31) Priority Document No :1154932 1)COMPAGNIE GENERALE DES ETABLISSEMENTS (32) Priority Date :07/06/2011 MICHELIN (33) Name of priority country Address of Applicant :12 Cours Sablon F 63000 Clermont :France (86) International Application No :PCT/EP2012/060650 Ferrand France Filing Date 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. :06/06/2012 (87) International Publication No :WO 2012/168273 (72)Name of Inventor : (61) Patent of Addition to Application 1)BONDU Lucien :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : BEAD OF A TYRE FOR A HEAVY VEHICLE OF CONSTRUCTION PLANT TYPE

(57) Abstract :

The invention relates to improvements to the endurance of the beads of a radial tyre for a heavy vehicle of construction plant type by reducing the cracking which starts at the area of contact between a first filling polymer material (23a) radially furtherest towards the inside and in contact with the bead wire (22) and a second filling polymer material (23b) radially on the outside of the first filling polymer material. According to the invention a transition element (24) made of a transition polymer material is in contact via its radially interior face (24a) with the first filling polymer material (23a) and in contact via its radially exterior face (24b) with the second filling polymer material (23a) and the elastic modulus at 10% elongation of the transition polymer material is somewhere between the respective elastic moduli at 10% elongation of the first and second filling polymer materials.

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

(21) Application No.11128/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:A24D1/14,A24F1/30	(71)Name of Applicant :
(31) Priority Document No	:61/503187	1)SHISHAPRESSO S.A.L.
(32) Priority Date	:30/06/2011	Address of Applicant :250 Sami El Solh Avenue Manhattan
(33) Name of priority country	:U.S.A.	Building 3rd Floor Park District Beirut Lebanon
(86) International Application No	:PCT/GB2012/050067	(72)Name of Inventor :
Filing Date	:13/01/2012	1)JALLOUL Samer
(87) International Publication No	:WO 2013/001272	2)EL HAJJ Georges
(61) Patent of Addition to Application	:NA	3)JABER Nabil
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		

(54) Title of the invention : PREPACKAGED SMOKABLE MATERIAL CAPSULE

(57) Abstract :

Disclosed is a prepackaged smokable material capsule comprising a container having an internal volume that allows a user to place a packaged amount of shisha or similar tobacco product into a hookah bowl without physical contact therewith. The capsule (11) has a removable seal (14) an inlet (29) outlet (35) and an internal agitator means (41 42 43 44) within the capsule. The seal removably covers its upper inlet and lower outlet prior to use. Once removed the inlet and outlet are preferably pre perforated or alternatively may then be perforated by a user prior to a layer of coals be placed thereonto for burning the capsule contents and allowing smoke to be drawn therefrom. The imbedded agitator provides a means to control the density of the capsule contents and prevent clumping to ensure free flowing passage of air therethrough. Also disclosed is a capsule retainment system comprising a hookah bowl and capsule clamp.

No. of Pages : 36 No. of Claims : 14

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ACTIVE IMAGING DEVICE HAVING FIELD OF VIEW AND FIELD OF ILLUMINATION WITH CORRESPONDING RECTANGULAR ASPECT RATIOS

 (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 	¹ :PCT/CA2012/050341 :24/05/2012 :WO 2012/159214 :NA :NA	 (71)Name of Applicant : 1)OBZERV TECHNOLOGIES INC. Address of Applicant :Bureau 201 400 boul Jean Lesage Qubec Qubec G1K 8W1 Canada (72)Name of Inventor : 1)DEMERS Louis 2)GODIN Jacques 3)GRENIER Martin
Number Filing Date	:NA	

(57) Abstract :

Active imaging devices can include a camera and an illuminator that provides light to the scene under observation. Most often a laser beam combined with projector optics is used to generate a field of illumination while a telescope and a camera are use to acquire the images in its field of view. This specification demonstrates the production of a rectangular field of illumination having a highly uniform intensity distribution matching and aligned with a rectangular field of view of the camera.

No. of Pages : 17 No. of Claims : 20

(21) Application No.11133/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

 (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 	:28/06/2012 :WO 2013/001304	 (71)Name of Applicant : 1)BUHLER SORTEX LTD. Address of Applicant :20 Atlantis Avenue London E16 2BF U.K. (72)Name of Inventor : 1)HUG Anthony
Filing Date (87) International Publication No (61) Patent of Addition to Application	:28/06/2012	
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : INSPECTION APPARATUS WITH ALTERNATE SIDE ILLUMINATION

(57) Abstract :

Apparatus for inspecting product pieces in a product stream comprising a system for creating a stream of product pieces for delivery in free flight at a viewing station, first light means for illuminating the viewing station from one side with light for reflection from product therein, second light means for illuminating the viewing station from the other side with light for reflection from product therein, a scanning system for receiving light from the first and second illuminating means reflected from product pieces in the viewing station and transmitted across the viewing station, and means for activating the first and second light means alternately in first and second scanning phases to successively illuminate a product stream at the viewing station.

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

(21) Application No.11138/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H04W48/18	(71)Name of Applicant :
(31) Priority Document No	:61/505258	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:07/07/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/SE2012/050591	1)MOLANDER Anders
Filing Date	:04/06/2012	2)PERSSON Claes Gran
(87) International Publication No	:WO 2013/006117	3)SCHLIWA BERTLING Paul
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(54) Title of the invention : IMPROVED ACQUISITION OF INFORMATION FOR A RADIO ACCESS NETWORK

(57) Abstract :

There is provided an information acquisition method to be executed by a mobile station connected to a first radio access network of a first radio access technology to perform acquisition of an information set related to a second radio access network of a second different radio access technology for enabling mobility to the second radio access network. Basically the method comprises receiving (S1) message instances wherein a set of the message instances includes the information set for enabling mobility to the second radio access network. The method further comprises investigating (S2) the message instances to find counter information in a message instance indicating the number of message instances the mobile station must acquire to assemble the information set. The method also comprises identifying (S3) in relation to the message instance in which the counter information is found the set of message instances that includes the information set based on the counter information. The method then comprises collecting (S4) the information set from the identified set of message instances.

No. of Pages : 59 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLEXIBLE WEIGHT PAD		
 (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 	:A63B21/065 :1109518.9 :07/06/2011 :U.K.	 (71)Name of Applicant : 1)SINCLAIR Shelley Address of Applicant :Ground Floor 229 Sussex Gardens London W2 2RL U.K. (72)Name of Inventor : 1)SINCLAIR Shelley

(57) Abstract :

The invention relates to a pad (10) or weight (10) for providing resistance to movement wherein the pad comprises a holding medium (12 14) and a plurality of bodies (16). The holding medium surrounds at least part of the bodies and retains them therein. The holding medium is substantially flexible so as to allow the pad to substantially flex to reflect a contoured surface of the user when in use. Additionally the pad is provided with at least one substantially porous region (20) to provide air flow and the egress of water vapour from one side of the device to the other. The invention also extends to an attachment device for attaching a pad to a user.

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

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOUNDS AND COMPOSITIONS FOR STABILIZING HYPOXIA INDUCIBLE FACTOR 2 ALPHA AS A METHOD FOR TREATING CANCER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication Number (38) NA (39) Name of Addition to Application Number (30) International to Application Number (31) NA (32) Divisional to Application Number (32) NA 	341)AKEBIA THERAPEUTICS INC.11Address of Applicant :9987 Carver Road Suite 420 Cincinnati0H 45242 U.S.A.2012/040945121)SHALWITZ Robert
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(57) Abstract :

Disclosed herein is {[5 (3 fluorophenyl) 3 hydroxypyridine 2 carbonyl] amino} acetic acid and the ester and amide prodrugs thereof that can stabilize hypoxia inducible factor 2 alpha (HIF 2a) and thereby provide a method for treating cancer. Further disclosed are compositions which comprise {[5 (3 fluorophenyl) 3 hydroxypyridine 2 carbonyl] amino} acetic acid and/or a prodrug thereof which can be used to treat cancer.

No. of Pages : 85 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION (19) INDIA	(21) Application No.11141/DELNP/2013 A
(22) Date of filing of Application :24/12/2013	(43) Publication Date : 02/01/2015
(54) Title of the invention : VEHICLE SEAT DEVICE	
 (51) International classification :B60N2/18,B60N2/12,B60N2/14 (31) Priority Document No :2011199313 (32) Priority Date :13/09/2011 (33) Name of priority country :Japan (86) International Application No:PCT/JP2012/069970 Filing Date :06/08/2012 (87) International Publication No :WO 2013/038841 (61) Patent of Addition to :NIA 	 (71)Name of Applicant : 1)TOYOTA SHATAI KABUSHIKI KAISHA Address of Applicant :100Kanayama Ichiriyama cho Kariya shi Aichi 4480002 Japan (72)Name of Inventor : 1)KURETAKE Hiroyuki 2)HIBI Kazuhiro

(57) Abstract :

Number

Application Number

Filing Date

Filing Date

(62) Divisional to Application

A vehicle seat device (20) has a vehicle seat (21) a seat surface lifting device (30) and a height operation device (55). The vehicle seat (21) is provided with a seat cushion (22) which moves between the vehicle interior (11) and the outside (12) of the vehicle interior and on which a user (P) sits. The seat surface lifting device (30) raises at least a part of the seat cushion (22) on which the buttocks of the user (P) rest. The height operation device (55) raises the seat cushion (22) by the seat surface lifting device (30) when the vehicle seat (21) is located in the outside (12) of the vehicle interior.

No. of Pages : 23 No. of Claims : 4

:NA

:NA

:NA

:NA

(22) Date of filing of Application :25/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METAL CORED WELDING METHOD AND SYSTEM USING ROTATING ELECTRODE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B23K9/12,B23K9/173,B23K9/09 :61/503955 :01/07/2011 :U.S.A. :PCT/US2012/044466 :27/06/2012 :WO 2013/006350	 (71)Name of Applicant : 1)ILLINOIS TOOL WORKS INC. Address of Applicant :3600 West Lake Avenue Glenview Illinois 60026 U.S.A. (72)Name of Inventor : 1)PAGANO Kevin 2)SUMMERS Kevin
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Methods and systems are disclosed for utilizing metal cored welding wire electrodes with forced movement of the electrode (44) and arc. The electrode (44) may be moved by a motion control assembly (62) comprising a motor (66) in a welding torch (24). The arc is established only between the sheath of the metal cored electrode (44) and the workpiece (14) (or weld puddle) providing a unique transfer mode for enhanced deposition travel speeds and other weld and process characteristics.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:G09G3/30,G09G3/20	(71)Name of Applicant :
(31) Priority Document No	:2011161103	1)SEMICONDUCTOR ENERGY LABORATORY CO.
(32) Priority Date	:22/07/2011	LTD.
(33) Name of priority country	:Japan	Address of Applicant :398 Hase Atsugi shi Kanagawa
(86) International Application No	:PCT/JP2012/067244	2430036 Japan
Filing Date	:28/06/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/015091	1)INOUE Seiko
(61) Patent of Addition to Application	:NA	2)MIYAKE Hiroyuki
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LIGHT EMITTING DEVICE

(57) Abstract :

A light emitting device in which variation in luminance of pixels is suppressed. A light emitting device includes at least a transistor a first wiring a second wiring a first switch a second switch a third switch a fourth switch a capacitor and a light emitting element. The first wiring and a first electrode of the capacitor are electrically connected to each other through the first switch. A second electrode of the capacitor is connected to a first terminal of the transistor. The second wiring and a gate of the transistor are electrically connected to each other through the second switch. The first electrode of the capacitor and the gate of the transistor are electrically connected to each other through the third switch. The first terminal of the transistor and an anode of the light emitting element are electrically connected to each other through the third switch. The first terminal of the transistor and an anode of the light emitting element are electrically connected to each other through the third switch.

No. of Pages : 72 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF RAMAN MARKERS FOR AUTHENTICATING SECURITY DOCUMENTS

 (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 	:B42D15/00,G07D7/12 :11382183.9 :02/06/2011 :EPO :PCT/EP2012/060329 :01/06/2012	 (71)Name of Applicant : 1)FBRICA NACIONAL DE MONEDA Y TIMBRE REAL CASA DE LA MONEDA Address of Applicant :C/ Jorge Juan 106 E 28009 Madrid Spain 2)CONSEJO SUPERIOR DE INVESTIGACIONES CIENT FICAS C.S.I.C. (72)Name of Inventor : 1)ROMERO FANEGO Juan Jos 2)GARC A JUEZ Vicente 3)FERNNDEZ LOZANO Jos Francisco 4)GAMO ARANDA Javier 5)RODR GUEZ BARBERO Miguel ngel 6)RUIZ QUEVEDO Andrs 7)LORITE VILLALBA Israel
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(57) Abstract :

The present invention relates to the use of non deactivable security markers comprising the combination of at least two types of nanoparticles of materials presenting Raman effect wherein said nanoparticles are in a dispersed state or is forming agglomerates of between 2 and 500 nanoparticles. The invention also relates to security documents articles or elements incorporating these markers as well as to a method and system for the detection thereof.

No. of Pages : 53 No. of Claims : 15

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MEDICAL TUBING FOR CATHETERS (51) International (71)Name of Applicant : :A61L29/04,A61L29/06,A61L29/14 classification **1)CORDIS CORPORATION** (31) Priority Document No Address of Applicant :6500 Paseo Padre Parkway Fremont CA :61/503511 (32) Priority Date :30/06/2011 94555 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor : (86) International Application :PCT/US2012/042924 1)PHAN Huy D. No :18/06/2012 Filing Date (87) International Publication :WO 2013/003090 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract :

Filing Date

Tubing made of two or more polymers circumferentially arranged around the perimeter of the tubing in a single layer may be useful as medical tubing. Specifically, such tubing may be useful in catheters, sheaths, sheath introducers, implant delivery systems, and other medical devices having elongated tubular components. Selection of the two or more polymers based on the dur - ometer and melting temperature permits optimization of axial strength and flexibility for particular applications. Such tubing may be extruded as a single layer tubing or a multi-layer tubing where the additional layers may be single material layers or more multi-poly mer layers.

No. of Pages : 29 No. of Claims : 21

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DILATING AND ADJUSTING FLEXIBILITY IN A GUIDING DEVICE

 (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 	:61/502671 :29/06/2011 :U.S.A. :PCT/US2012/043528 :21/06/2012 :WO 2013/003191 :NA :NA	 (71)Name of Applicant : 1)CORDIS CORPORATION Address of Applicant :6500 Paseo Padre Parkway Fremont CA 94555 U.S.A. (72)Name of Inventor : 1)WILKINSON Matthew
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(57) Abstract :

This disclosure is directed to systems and methods for providing a guiding device having a dilatable, drilling tip. The tip is formed by wound helical members such that resistance to rotation in an unwinding direction dilates the tip. The helical members are configured so that the dilatable tip in creases in stiffness when the helical members are tensioned by a resistance to rotation in the winding direction. In some embodiments, application of relative force between coaxial inner and outer tubular members is used to control the dilation, stiffness and drilling of the guiding member.

No. of Pages : 25 No. of Claims : 20

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ANIMAL ECTOPARASITE CONTROLLING AGENT AND METHOD FOR PREVENTING OR TREATING INFECTION IN ANIMALS CAUSED BY PARASITES BY USING THE CONTROLLING AGENT

(51) International classification	:A61K31/4545,A61P33/14	(71)Name of Applicant :
(31) Priority Document No	:2011163304	1)OTSUKA AGRITECHNO CO. LTD.
(32) Priority Date	:26/07/2011	Address of Applicant :2 2 Kanda Tsukasa machi Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1010048 Japan
(86) International Application No	:PCT/JP2012/069263	(72)Name of Inventor :
Filing Date	:19/07/2012	1)ENDO Yasuhiro
(87) International Publication No	:WO 2013/015429	2)SHIRAI Yuichi
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	::NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an animal ectoparasite controlling agent and a method for preventing or treating infection in animals caused by parasites by using the controlling agent. An animal ectoparasite controlling agent exhibiting excellent insecticidal activity and a method for preventing or treating infection in animals caused by parasites by using the controlling agent are obtained by using a compound having a pyrazole ring at the 4 position of the piperidine ring as an active ingredient.

No. of Pages : 34 No. of Claims : 6

(21) Application No.10059/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ANNULAR GAP SCRUBBER HAVING ANNULAR GAP INJECTION

 (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 	:B01D47/10,B01F3/04 :10 2011 105 409.3 :20/06/2011 :Germany :PCT/EP2012/061859 :20/06/2012 :WO 2012/175566 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant :Turmstrae 44 A 4031 Linz Austria (72)Name of Inventor : 1)HEGEMANN Karl Rudolf
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(57) Abstract :

The invention relates to a method for scrubbing a dust laden gas flow by wet dust removal in an annular gap scrubber by means of an injected scrubbing liquid characterized in that at least some of the scrubbing liquid preferably all of the scrubbing liquid is injected into the gas flow in a direction opposite the flow direction of the gas flow. The invention further relates to an annular gap scrubber for carrying out the method.

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

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PAPER MEDIUM IDENTIFYING DEVICE AND IDENTIFYING METHOD

(51) International classification (31) Priority Document No	:G07D7/20,H04N1/387 :201210049059.0	(71)Name of Applicant : 1)GRG BANKING EQUIPMENT CO. LTD.
(32) Priority Date	:28/02/2012	Address of Applicant :9 Kelin Road Science City Luogang
(33) Name of priority country	:China	District Guangzhou Guangdong 510663 China
(86) International Application No	:PCT/CN2012/083594	(72)Name of Inventor :
Filing Date	:26/10/2012	1)YU Yuanchao
(87) International Publication No	:WO 2013/127186	2)LIANG Tiancai
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)CHEN Dingxi 4)WANG Kun
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastra et :		•

(57) Abstract :

A paper medium identifying device (100) and an identifying method. The paper medium identifying device (100) comprises an image data obtaining unit(10), a faulty wire detecting unit(20), an image dividing unit(30), a standard template data storage unit (40), a comprehensive analyzing unit(50), a new template generating unit (60) and a judging unit(70). The paper medium identifying device (100) divides the standard template into new sub-templates b y dividing the template from a faulty wire position as margin, and then matches the sub-templates with a papery medium image which being identified so as t o avoid the influence of faulty wires on the template match identification and improve the acceptance rate of the papery medium identifying device.

No. of Pages : 26 No. of Claims : 7

(21) Application No.11167/DELNP/2013 A

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SAFETY BLOOD COLLECTION SYRINGE HAVING MANUALLY RETRACTABLE NEEDLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61M5/32,A61B5/15,A61M5/315 :61/494615 :08/06/2011 :U.S.A. :PCT/US2012/041614 :08/06/2012	 (71)Name of Applicant : 1)BECTON DICKINSON AND COMPANY Address of Applicant :1 Becton Drive Franklin Lakes New Jersey 07417 U.S.A. (72)Name of Inventor : 1)CRAWFORD Jamieson W. 2)ELLIS Robert G.
(87) International Publication No	:WO 2012/170855	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A retractable needle assembly includes a housing having a sidewall defining a hollow bore, and an elongate plunger, the distal end of the plunger forming a reservoir within the hollow bore for containing a fluid therein. The plunger is adapted for o slideable movement within the hollow bore. The assembly includes a hub disposed within the hollow bore and at least partially sup - porting a cannula therewith, and a needle retraction member engaged with the hub for manually selectable advancement with respect to a portion of the housing. The needle retraction member may be advanced from an initial position in which at least a portion of the needle is disposed outside the housing, to a retracted position in which the needle is fully surrounded by the housing. The elongate plunger may be advanced about the hub for extracting the fluid into the reservoir or expelling the fluid from the reservoir.

No. of Pages : 70 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SIGNALING

 (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 	n :H04L5/00,H04L1/18,H04W72/12 :NA :NA :NA :PCT/EP2011/064008 :15/08/2011 :WO 2013/023683 :NA :NA :NA	 (71)Name of Applicant : 1)NOKIA SIEMENS NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)TIIROLA Esa Tapani 2)HOOLI Kari Juhani 3)PAJUKOSKI Kari Pekka
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(57) Abstract :

The invention relates to an apparatus comprising: at least one processor and at least one memory including a com - puter program code, the at least one memory and the computer program code configured to, with the at least one processor, cause the o apparatus at least to: choose more than one subframes from subframes targeted to at least two of the following: physical uplink con trol channel acknowledgement/no-acknowledgement signaling, physical hybrid automatic repeat request indicator channel acknow o ledgement/no-acknowledgement signaling, physical uplink shared channel resource allocation grant signaling, physical downlink shared channel resource allocation grant signaling, and form a periodic signaling pattern to obtain a flexible subframe configuration for uplink and downlink signaling by using the chosen more than one subframes.

No. of Pages : 22 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :26/12/2013

(54) Title of the invention : NEW ACID CHLORIDE

(43) Publication Date : 02/01/2015

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 (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 	:11171067.9 :22/06/2011 :EPO :PCT/EP2012/061265 :14/06/2012 :WO 2012/175395	 (71)Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 The Heerlen Netherlands (72)Name of Inventor : 1)BONRATH Werner 2)NETSCHER Thomas 3)SCHTZ Jan
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:14/06/2012	1)BONRATH Werner
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The present invention relates to new organic compounds, to their synthesis as well as to their use in organic synthes - is, especially in processes forming intermediates (building blocks) for the synthesis of vitamin A or b-carotene or other carotenoids.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYNTHESIS GAS PROCESSING AND SYSTEM USING COPPER CATALYST IN TWO STEP REACTIONS AT475 525°C AND 250 290°C

(31) Priority Document No	:B01J19/00,B01J20/00,B01J21/00 :1107813.6	1)CHINOOK END STAGE RECYCLING LIMITED
(32) Priority Date	:11/05/2011	Address of Applicant :No. 1 Nottingham Science Park Jesse
(33) Name of priority country	:U.K.	Boot Avenue University Boulevard Nottingham Nottinghamshire
(86) International Application	:PCT/GB2012/000392	NG7 2RU U.K.
No	:27/04/2012	(72)Name of Inventor :
Filing Date		1)CHALABI Rifat Al
(87) International Publication	:WO 2012/153080	2)PERRY Ophneil Henry
		3)LI Ke
(61) Patent of Addition to	:NA	
Application Number Filing Date	:NA	
(62) Divisional to Application	:NA	
Number Filing Date	:NA	

(57) Abstract :

THIS INVENTION PRESENTS A METHOD OF INCREASING THE CO TO H2 RATIO OF SYNGAS. THE METHOD COMPRISES PASSING SYNGAS OVER A FIRST RECTOR (10) CONTAINING CU AT A FIRST TEMPERATURE EFFECTIVE FOR THE REACTION OF C02 WITHIN THE SYNGAS WITH THE CU TO FORM COPPER OXIDE AND CO. THE TEMPERATURE OF THE SYNGAS IS THEN REDUCES TO A SECOND TEMPERATURE EFFECTIVE FOR THE FOR THE REACTION OF HYDROGEN WITHIN THE SYNGAS WITH COPPER OXIDE TO FORM CU AND H20. THE SYNGAS IS THEN PASSED OVER A SECOND RECTOR (12) CONTAINING COPPER OXIDE SO THAT THE H2 WITHIN THE SYNGAS REACTS WITH THE COPPER OXIDE.

No. of Pages : 23 No. of Claims : 30

(21) Application No.10043/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

 (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 	:H04W72/04 :1109986.8 :14/06/2011 :U.K. :PCT/GB2012/051326 :12/06/2012 :WO 2012/172323 :NA :NA :NA	 (71)Name of Applicant : 1)SCA IPLA HOLDINGS INC. Address of Applicant :550 Madison Avenue New York NY 10022 U.S.A. (72)Name of Inventor : 1)DARWOOD Peter 2)MCNAMARA Darren
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : TELECOMMUNICATIONS METHOD AND SYSTEM

(57) Abstract :

A mobile communications system for communicating data to and/or from mobile units the system comprising one or more base stations arranged to communicate data to or from the mobile units via a wireless access interface within one or more frequency bands and one or more of the base stations is arranged to provide a plurality of logically separate carriers for transmitting data to mobile units wherein each of the logically separate carriers comprises physical communications resources within the one or more frequency bands of the wireless access interface; a first group of one or more mobile units arranged to communicate with the one or more base stations via at least a first carrier of the plurality of carriers; and a second group of one or more mobile units arranged to communicate with the one or more base stations on the first carrier the common information being for at least one mobile unit in the first group and for at least one mobile unit in the second group. The one or more base stations are operable to provide allocation information information information information are further operable to provide allocation information in the second carrier the allocation of the location of the common information within the first carrier. At least one mobile unit in the second group is arranged upon reception of the allocation information in the second carrier to access the common information provided by the one or more base stations in the first carrier.

No. of Pages : 52 No. of Claims : 30

(21) Application No.11185/DELNP/2013 A

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CYCLONE DISTILLERY/REFINERY HAVING STEAM DUCTED IMPELLER/TURBINE

(62) Divisional to Application Number Filing Date :NA	Number	:28/06/2011 :WO 2012/177157 :NA :NA	 (71)Name of Applicant : 1)PERUNICIC Dragoljub Address of Applicant :Jungfrudansen 28 5tr. SE 17156 Solna Sweden (72)Name of Inventor : 1)PERUNICIC Dragoljub
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(57) Abstract :

The distillation-power unit (4) of a distillery/refinery (1) consists of a radial flow steam driven ducted impeller (71) which is driven by steam released from bubbles coming on the surface of liquid for distillation contained in a cyclone conical con - tainer (13, 70) and multi-stage axial flow bubble driven ducted impeller (72) which is driven by bubbles of saturated steam ascend - o ing from the heated bottom of container (13, 70). The steam and bubble driven impeller (71, 72) are fixed to an outer and inner ver tical shaft (75, 76) of induction generator/motor (7) respectively. Exhaust steam is condensed inside the top cap/fan casing (10) of o steam driven impeller (72). Vapor from the cap/fan casing (10) is delivered to the condensation unit (5) where it is condensed into fuel for supplying a burner which burns fuel and heats the bottom of container (70). Non-condensed gases returns into the distilla - tion-power unit (4).

No. of Pages : 32 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(51) International classification	:G06F9/48,G06F9/50	(71)Name of Applicant :
(31) Priority Document No	:13/108438	1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:16/05/2011	Address of Applicant : One AMD Place P.O. Box 3453
(33) Name of priority country	:U.S.A.	Sunnyvale California 94088 U.S.A.
(86) International Application No	:PCT/US2012/038057	(72)Name of Inventor :
Filing Date	:16/05/2012	1)BRETERNITZ Mauricio
(87) International Publication No	:WO 2012/158753	2)KAMINSKI Patryk
(61) Patent of Addition to Application	:NA	3)LOWERY Keith
Number		4)JU Dz Ching
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : AUTOMATIC KERNEL MIGRATION FOR HETEROGENEOUS CORES

(57) Abstract :

A system and method for automatically migrating the execution of work units between multiple heterogeneous cores. A computing system includes a first processor core with a single instruction multiple data micro architecture and a second processor core with a general purpose micro¬ architecture. A compiler predicts execution of a function call in a program migrates at a given location to a different processor core. The compiler creates a data structure to support moving live values associated with the execution of the function call at the given location. An operating system (OS) scheduler schedules at least code before the given location in program order to the first processor core. In response to receiving an indication that a condition for migration is satisfied the OS scheduler moves the live values to a location indicated by the data structure for access by the second processor core and schedules code after the given location to the second processor core.

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

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ACTUATING FORCE TRANSMITTING DEVICE OF AN EXHAUST GAS TURBOCHARGER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F02B37/12,F02B37/18,F02B39/00 :1020111088888.5 :28/07/2011 :Germany	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A. (72)Name of Inventor : 1)TSCHIRSCHKE J¹/₄rgen
Filing Date (87) International Publication No	:WO 2013/015985	
(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 actuating force transmitting device (10) of an exhaust-gas turbocharger (1), having a regulating rod (12) which can be displaced by an actuator (11); having a guide piece (15) arranged on a free end re gion (14) of the regulating rod (12); and having a lever (16) which is fastened to a guide piece pin (19) of the guide piece (15), wherein there is radial play (SR) between a lever bore (50) and the guide piece pin (1) which extends through the lever bore (50), and there is axial play (SA) between the guide piece (15) and the lever (16), charac terized by a clamping spring (20; 20; 20) which preloads the lever (16) relative to the guide piece pin (19).

No. of Pages : 16 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(51) International classification :C09D161/00,C09D7/00 (71)Name of Applicant : (31) Priority Document No :61/510109 1)USG INTERIORS LLC (32) Priority Date :21/07/2011 Address of Applicant :550 West Adams Street Chicago IL (33) Name of priority country :U.S.A. 60661 3676 U.S.A. (86) International Application No (72)Name of Inventor : :PCT/US2012/046985 Filing Date 1)LU Runhai :17/07/2012 (87) International Publication No :WO 2013/012828 2)ROSENSTIEL Terry L. (61) Patent of Addition to Application **3)IMMORDINO Salvatore** :NA Number 4)SONG Weixin D. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : USE OF ALDEHYDE SCAVENGERS IN INTERIOR BUILDING PRODUCTS

(57) Abstract :

A coating for application to the surface of an interior building product comprises: a resin formulation such as a melamine formaldehyde resin characterized by its ability to strengthen the interior building product when applied as a coating to the building product; and an aldehyde scavenger selected from the group consisting of; tetraethylene pentamine, propionamide, capro - lactam, ammonium hydroxide, sodium bisulfate, sodium metabisuliite, ammonium primary phosphate, ammonium secondary phosphate, a combination of ammonium primary phosphate and ammonium secondary phosphate, a combination of a polyvinyl alcohol; adipic dihydrazide and a combination of a polyvinyl alcohol and adipic dihydrazide.

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

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : STANDARD BEARING UNIT

 (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 	:PCT/US2012/047928 :24/07/2012 :WO 2013/019471 :NA :NA	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A. (72)Name of Inventor : 1)HORNBACH Johannes 2)OBERSTE BRANDENBURG Claus
Filing Date	:NA	

(57) Abstract :

The present invention relates to a standard bearing unit (1) for different ex haust-gas turbocharger designs (8), having a shaft (2); having a shaft nut (18); having sealing devices (14, 15); having a com pressor wheel (3) which is arranged on a first end (4) of the shaft (2); and having a turbine wheel (5) which is arranged on a second end (6) of the shaft (2), wherein the shaft (2) is mounted in a standardized bearing sleeve (7) which has predefined, unchangeable outer di mensions (19, 23) which are independent of the exhaust-gas turbocharger embodiment.

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

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ABRASION I	RESISTANT YARN	
 (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 	:D02G3/44 :11177994.8 :18/08/2011 :EPO	 (71)Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 TE Heerler Netherlands (72)Name of Inventor : 1)HENSSEN Giovanni Joseph Ida
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a spun yarn comprising at least one natural fiber and staples of a high strength polyethylene fiber, wherein the high strength polyethylene fiber has an initial modulus of at least 40 GPa and a tensile strength of at least 1.4GPa, wherein the yarn comprises between 1 and 4 % by weight staples of the high strength polyethylene fiber. The invention also relates to a fabric comprising the spun yarn and articles comprising said spun yarn or said fabric.

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

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NEW INTERMEDIATES FOR THE VITAMIN A AND CAROTENE SYNTHESIS

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country 	:C07C403/12,C07C403/16,B01J27/185 p:11171071.1 :22/06/2011 :EPO	 (71)Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 The Heerlen Netherlands (72)Name of Inventor : 1)BONRATH Werner
 (86) International Application No Filing Date (87) International 	:PCT/EP2012/061294 :14/06/2012 :WO 2012/175398	2)NETSCHER Thomas 3)SCHTZ Jan 4)WSTENBERG Bettina
Publication No (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 compounds of formula (I) wherein R1 signifies a C 1 alkyl moiety or a C2 to Cis alkenyl moiety, to their process of production as well as to their use in organic synthesis, especially as intermediates (building blocks) in the synthesis of vitamin A or b-carotene or derivatives thereof, or other carotenoids, e.g. canthaxanthin, astaxanthin or zeaxanthin, preferably vitamin A.

No. of Pages : 15 No. of Claims : 23

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : N (6 ((2R 3S) 3 4 DIHYDROXYBUTAN 2 YLOXY) 2 (4 FLUOROBENZYLTHIO) PYRIMIDIN 4 YL) 3 METHYLAZETIDINE 1 SULFONAMIDE AS CHEMOKINE RECEPTOR MODULATOR

 (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 	:C07D403/12,C07D205/04,A61K31/506 :61/506737 :12/07/2011 :U.S.A. :PCT/GB2012/051620 :10/07/2012 :WO 2013/008002 :NA :NA :NA	 (71)Name of Applicant : 1)ASTRAZENECA AB Address of Applicant :SE 151 85 Sdertlje Sweden (72)Name of Inventor : 1)CONNOLLY Stephen 2)EBDEN Mark Richard 3)LANGER Thomas 4)STEVEN Alan Robert 5)STEWART Craig Robert 6)TOMLIN Paula Margaret 7)WALTERS Iain Alastair Stewart 8)WILLIAMS Andrew John
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(57) Abstract :

There is provided a compound which is (a) a pyrimidine sulfonamide of formula (I) or (b) a pharmaceutically accept able salt thereof, crystalline forms of the compound, processes for obtaining the compound, pharmaceutical intermediates used in the manufacture of the compound, and pharmaceutical compositions containing the compound. The compound is useful in the treatment of a disease/condition in which modulation of chemokine receptor activity is beneficial.

No. of Pages : 58 No. of Claims : 19

(12) PATENT APPLICATION PUBLICA (19) INDIA	TION	(21) Application No.11175/DELNP/2013 A
(22) Date of filing of Application :26/12/2	013	(43) Publication Date : 02/01/2015
(54) Title of the invention : STRAP		
 (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 	:A44B11/04 :1109403.4 :03/06/2011 :U.K. :PCT/GB2012/051245 :01/06/2012 :WO 2012/164302 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SPEEDO INTERNATIONAL LIMITED Address of Applicant :8 Manchester Square London Greater London W1 3PH U.K. (72)Name of Inventor : 1)WALLER Tom 2)JOHNSON Chris

(57) Abstract :

The present invention provides a strap for securing a garment or article (e.g. swimming goggles) to a wearers/users o body. The strap comprises a first portion (1) having a tensioner end (2), the tensioner end including and terminating at a tensioner (3). The strap further comprises a second portion (4) comprising a clip end (5), the clip end including and terminating at a clip (6). In use, the second portion passes through the tensioner and the clip is releasably securable onto the second portion.

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

(21) Application No.11176/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SOLAR CONCENTRATOR INCLUDING A HELIOSTAT AND A FRESNEL LENS

 (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 	:F24J2/08,F24J2/16,F24J2/54 :11/01971 :27/06/2011 :France :PCT/FR2012/000256 :25/06/2012 :WO 2013/001177 :NA :NA	 (71)Name of Applicant : 1)SUNPARTNER Address of Applicant :D572 domaine de Valmousse F 13410 Lambesc France (72)Name of Inventor : 1)GILBERT Joel 2)DEBLOIS Ludovic
11	:NA :NA :NA	

(57) Abstract :

The problem addressed by the invention is that of solar concentrators using heliostats require two rotational shafts per mirror in order to follow the sun which involves the use of a large number of motors and of a complex mechanism and thus high costs. The solution proposed by the invention is providing a heliostat that includes a planar mirror (1) and a first rotational shaft (4) that is positioned parallel to the axis of rotation of the earth. The solar radiation (8) reflected by the mirror (1) is permanently directed toward a stationary Fresnel lens (9) which is perpendicular to the first rotational shaft (4) and which concentrates the solar radiation (8) onto a stationary target (10). A solar array consists of a plurality of heliostats having said characteristics the first rotational shafts (4) of which are rotated via a mechanical linkage (6) coupled to a rod that is set in motion by a single motor. This reduces the overall cost of the plant.

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

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SALTS OF AZA BICYCLIC DI ARYL ETHERS AND METHODS TO MAKE THEM OR THEIR PRÉCURSORS

 (51) International classification (31) Priority Document N (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 	:15/07/2011 :U.S.A. :PCT/EP2012/063712 :12/07/2012 :WO 2013/010916	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)MARTERER Wolfgang 2)PRASHAD Mahavir 3)VILLHAUER Edwin Bernard 4)WAYKOLE Liladhar Murlidhar 5)VIVELO James Anthony 6)SUTTER Bertrand 7)BIANCHI Jean Claude 8)WU Raeann 9)HAR Denis 10)KARPINSKI Piotr H. 11)PIGNONE Massimo 12)STINGELIN Doris 13)BUERGER Eckart
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(57) Abstract :

The present invention relates to salts of (R)-3-(6-(4-methylphenyl)-pyridin-3-yloxy)-l-aza- bicyclo[2.2.2]octane, to methods for making them or their precursors, to pharmaceutical compositions comprising them, and to their use as medicaments.

No. of Pages : 76 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(57) Abstract :

The invention relates to a device having a bottom, side walls and a ceiling, which together define a channel, as well o as transportation means, extending in an axial direction of said channel from an entry port of the channel to an exit port of said chan nel, for transferring a metallurgical material from said entry port to said exit port.

No. of Pages : 19 No. of Claims : 15

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR TRANSFERRING A METALLURGICAL MATERIAL

(32) Priority Date:12/07/2011Addr(33) Name of priority country:EPOUDINE(86) International Application:PCT/EP2012/062611(72)NamNo:28/06/20121)MIA	S CONCAST ITALIA SPA lress of Applicant :Via Udine 103/1 I 33017 Tarcento
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(57) Abstract :

The invention relates to a device having a bottom, side walls and a ceiling, which together define a channel, as well o as transportation means, extending in an axial direction of said channel from an entry port of the channel to an exit port of said chan nel, for transferring a metallurgical material from said entry port to said exit port.

No. of Pages : 18 No. of Claims : 15

(21) Application No.11191/DELNP/2013 A

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CURRENT DETECTOR AND ELECTRICITY METER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:G01R15/18,G01R21/06,G01R22/00 :2011147461 :01/07/2011 w Japan	 (71)Name of Applicant : 1)Toshiba Toko Meter Systems Co. Ltd. Address of Applicant :12 7 Shiba 1 chome Minato ku Tokyo 1050014 Japan (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2011/077958 :02/12/2011	 (72)Aunc of Inventor 1 1)RYOCHI Shinichi 2)SAKOYAMA Mitsuhiro 3)KUROKAWA Fuyuki 4)KIMURA Tatsuya
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention is provided with: a conductor (11) through which a current to be measured flows; a plurality of coils (12 13) which are positioned around the conductor; a first magnetic body (14) which is disposed in such a manner as to face one end of the plurality of coils and magnetically short circuits the plurality of coils; and a second magnetic body (15) which is disposed in such a manner as to face the other end of the plurality of coils and magnetically short circuits the plurality short circuits the plurality of coils and magnetically short circuits the plurality of coils and which has through holes (21 22) through which coil wiring from the plurality of coils passes said through holes (21 22) each being disposed at a position that faces the other end of the plurality of coils.

No. of Pages : 25 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:C07D453/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ISOCHEM
(32) Priority Date	:NA	Address of Applicant :32 rue Lavoisier 91710 Vert Le Petit
(33) Name of priority country	:NA	France
(86) International Application No	:PCT/EP2011/060398	(72)Name of Inventor :
Filing Date	:22/06/2011	1)BESSA BELLMUNT Jordi
(87) International Publication No	:WO 2012/175119	2)CORBELLA MORAT Marina
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PROCESS FOR THE PREPARATION OF SOLIFENACIN AND SALTS THEREOF

(57) Abstract :

The invention provides a new process for the preparation of solifenacin or a pharmaceutically acceptable acid addition salt thereof, comprising reacting (R)- quinuclidin-3-yl phenethylcarbamate with benzaldehyde in the presence of an acid to ob - tain a diasteroisomeric mixture (S,R)-((R)-quinuclidin-3-yl) 1 -phenyl-3,4- dihydroisoquinoline-2(1 H)-carboxylate of formula (rV) which can be resolved and the solifenacin or a pharmaceutically acceptable acid addition salt thereof recovered. The invention also provides the new key intermediate (R)-quinuclidin-3-yl phenethylcarbamate involved in the process. Further the invention provides a method for the transformation of (R)-((R)-quinuclidin-3-yl) 1 -phenyl-3,4- dihydroisoquinoline-2(1 H)-carboxylate into a diastero - isomeric mixture (S,R)-((R)-quinuclidin-3-yl) 1 -phenyl-3,4- dihydroisoquinoline-2(1 H)-carboxylate.

No. of Pages : 27 No. of Claims : 18

(21) Application No.11193/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:A61B17/32	(71)Name of Applicant :
(31) Priority Document No	:61/501106	1)IOGYN
(32) Priority Date	:24/06/2011	Address of Applicant :20195 Stevens Creek Boulevard Suite
(33) Name of priority country	:U.S.A.	120 Cupertino CA 95014 2380 U.S.A.
(86) International Application No	:PCT/US2012/043892	(72)Name of Inventor :
Filing Date	:22/06/2012	1)SHADDUCK John H.
(87) International Publication No	:WO 2012/178120	2)GERMAIN Aaron
(61) Patent of Addition to Application	:NA	3)KLEIN Kyle
Number		4)WALKER Michael D.
Filing Date	:NA	5)TRUCKAI Csaba
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		l

(54) Title of the invention : TISSUE EXTRACTION DEVICES AND METHODS

(57) Abstract :

Tissue may be cut and extracted from an interior location in a patients body using a probe or tool which both effects o cutting and causes vaporization of a liquid or other fluid to propel the cut tissue through an extraction lumen of the cutting device. The cutting may be achieved using an electrosurgical electrode assembly, including a first electrode on a cutting member and a second electrode within a cutting probe or tool. Thus, over a first cutting portion, radio frequency current may help cut the tissue and over a second or over transition region, the RF current may initiate vaporization of the fluid or other liquid to propel the tissue from the cutting device.

No. of Pages : 50 No. of Claims : 9

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : TRANSMISSION DEVICE AND PROCESSING METHOD THEREOF

 (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 	h :H04B1/74,H04J3/00,H04W24/04 :2011113222 :20/05/2011 :Japan :PCT/JP2012/061076 :25/04/2012 :WO 2012/160932 :NA :NA :NA	 (71)Name of Applicant : NEC Corporation Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo (72)Name of Inventor : OKUYAMA Keiichi
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(57) Abstract :

A transmission device comprises: a casing having a plurality of slots wherein substrates may be freely inserted and removed; at least one control substrate; a PWE interface communication unit which is connected to the control substrate and which converts either an inputted SDH signal or PDH signal to a packet signal and outputs same to the control substrate; a wireless transmission communication unit which is connected to the control substrate and which converts the packet signal to a wireless signal and outputs same; and an optical transmission communication unit which is connected to the control substrate and which converts the packet signal to an optical transmission signal and outputs same. Each unit is disposed in each of the plurality of slots.

No. of Pages : 28 No. of Claims : 7

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : WIND TURBINE ROTOR BLADE AND METHOD FOR INSTALLING A WIND TURBINE ROTOR BLADE

 (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 	:F03D1/00 :10 2011 076 937.4 :03/06/2011 :Germany :PCT/EP2012/060054 :29/05/2012 :WO 2012/163918 :NA :NA :NA :NA	 (71)Name of Applicant : 1)WOBBEN PROPERTIES GMBH Address of Applicant :Dreekamp 5 26605 Aurich Germany (72)Name of Inventor : 1)HOFFMANN Alexander
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(57) Abstract :

The invention relates to a wind turbine rotor blade (100) comprising a rotor blade root (110) a rotor blade tip (120) a rotor blade front edge (160) a rotor blade rear edge (170) a pressure side (140) and a suction side (130). The rotor blade (100) further comprises a rotor blade outer shell (180) having at least one opening (190) in the pressure side and/or the suction side for accommodating handling means (200) for installing or removing the rotor blade (100). The rotor blade (100) further comprises at least one fastening unit (300) for fastening the handling means (200) inserted through the at least one opening. The fastening unit (300) is arranged in the interior (150) of the rotor blade outer shell (100) between the pressure side (140) and the suction side (130).

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

(21) Application No.10068/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS TO PRODUCE BIOFUELS FROM BIOMASS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	9 :PCT/US2012/042217 :13/06/2012	 (71)Name of Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant :Carel van Bylandtlaan 30 NL 2596 The Hague Netherlands (72)Name of Inventor : POWELL Joseph Broun SMEGAL John Anthony
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(57) Abstract :

Biofuels can be produced by: (i) providing a biomass containing celluloses hemicelluloses lignin nitrogen compounds and sulfur compounds; (ii) contacting the biomass with a digestive solvent to form a pretreated biomass containing carbohydrates; (iii) contacting the pretreated biomass with hydrogen in the presence of a supported hydrogenolysis catalyst containing (a) sulfur (b) Mo or W and (c) Co and/or Ni incorporated into a suitable support to form a plurality of oxygenated intermediates and (vi) processing at least a portion of the oxygenated intermediates to form a liquid fuel.

No. of Pages : 51 No. of Claims : 14

(21) Application No.11210/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR DETERMINING THE QUANTITY OF REDUCING AGENT IN A TANK (51) International classification :F01N11/00,F01N3/20 (71)Name of Applicant : (31) Priority Document No **1)AAQIUS & AAQIUS SA** :11005150.5 Address of Applicant : Rue du Nant 8 C/o Firel & Mandaco SA (32) Priority Date :24/06/2011 (33) Name of priority country CH 1207 Gen"ve Switzerland :EPO (72)Name of Inventor : (86) International Application No :PCT/EP2012/062070 Filing Date **1)AUDOUIN Arnaud** :22/06/2012 (87) International Publication No :WO 2012/175661 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The prsent invention relates to a method for determining the quantity of reducing agent in a tank (10) of a System intended to reduce the amount of NOx in the exhaust gases of a motor vehicle. The System comprises: a storage material (11) arran - ged in the tank (10) and capable of storing and of releasing the reducing agent reversibly according to the demand for reducing agent - which may vary over the course of time; a heating device (12) designed to supply heat in order to release the reducing agent. The method involves the following steps: a) as soon as the motor vehicle is started, driving the heating device (12) so that it delivers constant po - f wer during a phase known as the initial phase over which the pressure inside the tank (10) increases until it reaches a predetermined - value, the driving of the heating device (12) then being adapted in order to regulate the pressure around a datum value; b) measuring the time of the initial phase or the derivative of pressure with respect to time or a combination of both against various calibrated values of the initial phase according to the quantity of reducing agent in the tank (10) in order to determine said quantity of reducing agent in said tank (10).

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

(21) Application No.10204/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPRATATUS FOR PROTECTING WIND TURBINES FROM EXTREME EVENTS

(51) International classification	:F03D7/04	(71)Name of Applicant :
(31) Priority Document No	:PA 2011 70221	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:06/05/2011	Address of Applicant :Hedeager 44 DK 8200 Aarhus N
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050149	(72)Name of Inventor :
Filing Date	:03/05/2012	1)SPRUCE Chris
(87) International Publication No	:WO 2012/152280	2)BOWYER Robert
(61) Patent of Addition to Application	:NA	3)PALMER Christopher
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A wind turbine has a Lidar device to sense wind conditions upstream of the wind turbine. Wind speed signals from the wind turbine are processed to detect an extreme operating gust. The detection is performed by differentiating the axial wind velocity and filtering for a period of time. On detection of extreme operating gust the system controller takes necessary evasive action which may include shutting down the turbine or varying the blade pitch angle.

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

(19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENERGY STORAGE SYSTEM		
 (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 	:H01M2/10,H01M2/20 :61/493275 :03/06/2011 :U.S.A. :PCT/US2012/040776 :04/06/2012 :WO 2012/167269 :NA :NA :NA :NA	 (71)Name of Applicant : ENERDEL INC. Address of Applicant :8740 Hague Road Building 7 Indianapolis IN 46256 U.S.A. (72)Name of Inventor : SILK Bruce James BUCK Derrick Scott TOPLE Thomas ALFORD Stephen

(57) Abstract :

Battery assemblies are disclosed which may include a plurality of battery cells positioned in trays which are stacked. The battery cells of each tray may be electrically connected together. The battery trays may include a battery support which extends under and supports a middle portion of the battery cells of the respective battery tray. The battery support may be a thermal sink for the battery cells.

No. of Pages : 120 No. of Claims : 62

(19) INDIA

(22) Date of filing of Application :27/11/2013

(43) Publication Date : 02/01/2015

ne of Applicant : CTON DICKINSON AND COMPANY
ress of Applicant :David M. Fortunato MC110 1 Becton ranklin Lakes NJ 07417 U.S.A. ne of Inventor : ONENBERG Richard

(57) Abstract :

An injection device (100) including a base (104) a sliding body (116) slidably connected to the base (104) a double ended needle (120) fixed to the sliding body (116) a biasing member (124) for proximally biasing the sliding body (116) with respect to the base (104) and for retracting the needle (120) into the device (100) subsequent to activation of the device (100) a medicament cartridge (128) for holding a medicament slidably connected to the sliding body (116) and a stopper (132) slidably disposed within the medicament cartridge (128). The base (104) has a proximal end (108) and a surface (164) disposed at a distal end (112) thereof for contacting a patient s skin. The base (104) also has a first locking mechanism. The sliding body (116) has a locking feature and a second locking mechanism. The second locking mechanism locks the medicament cartridge (128) relative to the sliding body (116) upon completion of displacement of the medicament cartridge (128) relative to the sliding body (116). The first locking mechanism and the locking feature interact to lock the sliding member (116) relative to the subsequent to retraction of the needle (120) into the device (100).

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

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS FOR PREPARING HEMATITE

 (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 	:PCT/CA2012/000541 :04/06/2012 :WO 2012/162817 :NA :NA	 (71)Name of Applicant : 1)ORBITE ALUMINAE INC. Address of Applicant :6505 route Transcanadienne Bureau 610 Saint Laurent Qubec H4T 1S3 Canada (72)Name of Inventor : 1)BOUDREAULT Richard 2)FOURNIER Joel 3)GAUTHIER Laury
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(57) Abstract :

There are provided methods for preparing hematite. For ex ample, the method can comprise reacting a basic aqueous composition com Aqueous basic prising the iron and the aluminum with hematite under conditions suitable for composition comprising at least partially converting the iron into hematite under the form of a precipit Fe ions ate, thereby obtaining a liquid phase and a solid phase; and separating the li quid phase from the solid phase.

No. of Pages : 49 No. of Claims : 172

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FOOD GRADE ENCAPSULATE AND PROCESS FOR THE PRODUCTION THEREOF

(51) International classification: A23L1/05, A23L1/304, A23L1/305 (71) Name of Applicant : (31) Priority Document No :11174258.1 1)NESTEC S.A. (32) Priority Date :15/07/2011 Address of Applicant : Avenue Nestl 55 1800 Vevey (33) Name of priority country :EPO Switzerland (86) International Application (72)Name of Inventor : :PCT/EP2012/063855 1)BRAGA Ana Luiza No :13/07/2012 Filing Date 2)KOLODZIEJCZYK Eric (87) International Publication 3)SCHMITT Christophe Joseph Etienne :WO 2013/010966 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A food grade encapsulate which comprises gelled proteins associated with a micronutrient preferably a dietary mineral as well as a process for producing the encapsulates are disclosed with low micronutrient leakage during storage.

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

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROBIOTIC FOR ADMINISTRATION TO HEALTHY YOUNG MAMMALS DURING THE WEANING PERIOD FOR IMPROVING TOLERANCE TO NEWLY INTRODUCED FOOD STUFFS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	n PCT/EP2012/063553 :11/07/2012	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND (72)Name of Inventor : 1)DUNCKER Swantje 2)LEWIS Marie 3)MERCENIER Annick
(87) International Publication	¹ :WO 2013/007742	4)SINGH Anurag 5)BAILEY Michael
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The current invention is based upon administration of a probiotic, B. Lactis NCC2818 to healthy young mammals o during the critical weaning period (in infants this period is usually from about 3 months to about 12, 18 or 24 months old), so as to accelerate the young mammals adaptation to new food. The effectiveness of the invention is evidenced herein by morphological and o immunological changes observed in a piglet animal model of weaning. Thus, administration of the probiotic according to the invention had a prophylactic effect, preventing the severe discomfort and pathological states associated with the introduction to novel foods during the weaning period.

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

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MICROPHONE PREAMPLIFIER CIRCUIT		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H03F3/00,H03F3/45,H03F3/187 :11175387.7 :26/07/2011 :EPO :PCT/EP2012/063826 :13/07/2012 o:WO 2013/014009 :NA :NA :NA	 (71)Name of Applicant : 1)ST ERICSSON SA Address of Applicant :Chemin du Champ des Filles 39 CH 1228 Plan les Ouates Switzerland (72)Name of Inventor : 1)NICOLLINI Germano 2)BARBIERI Andrea

(54) Title of the invention : MICROPHONE PREAMPLIFIER CIRCUIT

(57) Abstract :

A microphone preamplifier circuit (60) is described, adapted to be connected to a mi crophone circuit (MC D), the microphone circuit (MC D) comprising a microphone (3) and at least one output node (M 0, M 0). The microphone preamplifier circuit (60) comprises a preamplifier (P A) comprising: - at least one input node (10, 10) adapted to be connected to said output node (M 0, M 0); - an operational amplifier (OA) comprising at least one input (20, 20) and at least one output (21, 21); - at least one input DC decoupling capa citor (CD, CD) connected between said input node (10, 10) and said first input of the operational amplifier (20,20); at least one feedback capacitor (C 2A, C 2A) connected between the input (20,20) and the output (21, 2) of the operational amplifier (OA) in order to set together with said input DC decoupling capacitor (CD, CD) a gain value of the preamplifier circuit (60); - a first (40, 40) and a second feed node (41, 4) adapted to be fed by a first (VCMIN) and a second (VCM) bias voltage r e o spectively. The preamplifier (P A) further comprises at least one switched capacitor (C2B, C2B) adapted to be selectively and alternatively connected under the control of a clock signal (CK) : - between said input (20, 20) and said output (21, 21) of the ope erational amplifier (OA); and - between said first (40, 40) and said second (41 4) feed node.

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

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:A61M1/00,A61N1/30	(71)Name of Applicant :
(31) Priority Document No	:61/502750	1)IOGYN
(32) Priority Date	:29/06/2011	Address of Applicant :20195 Stevens Creek Boulevard Suite
(33) Name of priority country	:U.S.A.	120 Cupertino CA 95014 2380 U.S.A.
(86) International Application No	:PCT/US2012/044609	(72)Name of Inventor :
Filing Date	:28/06/2012	1)TRUCKAI Csaba
(87) International Publication No	:WO 2013/003570	2)GERMAIN Aaron
(61) Patent of Addition to Application	:NA	3)KLEIN Kyle
Number	:NA :NA	4)SHADDUCK John H.
Filing Date	.117	5)WALKER Michael D.
(62) Divisional to Application Number	:NA	6)ORCZY TIMKO Benedek
Filing Date	:NA	7)LESKO Balazs

(54) Title of the invention : SURGICAL FLUID MANAGEMENT SYSTEM AND METHODS

(57) Abstract :

A fluid management system for use with a fluid reservoir in cludes an inflow pump and an outflow pump. The inflow pump is connect - able to a probe for delivering a distention fluid to a body cavity. The outflow pump removes the distention fluid through the same probe, thus establishing a re-circulating volume of distention fluid within the body cavity. The re moved fluid is filtered and returned to a fluid reservoir for eventual recycling to the body cavity. A controller adjusts the flow rates of the inflow pump and the outflow pump to maintain a pre- selected fluid pressure or volume within the body cavity.

No. of Pages : 48 No. of Claims : 10

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SERVICE FOR ADDING FUNCTIONALITY TO APPLICATIONS

(32) Priority Date	:27/06/2011	Address of Applicant : P.O. Box 8102 Reno NV 89507 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2012/044073 :25/06/2012	1)PALEJA Ameesh 2)GILL Sunbir 3)JONES Matthew A.
(87) International Publication No	:WO 2013/003292	4)ROUSE Alexander L. 5)OKEREKE Mekka C.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)PELED Yael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An application management system modifies developer-submitted applications, such as mobile applications, to add o various types of functionality before such applications are made available for purchase. The added functionality may, for example, enable end users to make in-application purchases of content items from an application store. As another example, Digital Rights o Management (DRM) functionality may be added for controlling user access to content items, such as content items available in an application store.

No. of Pages : 37 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:F21V29/00	(71)Name of Applicant :
(31) Priority Document No	:1109095.8	1)MARULALED (PTY) LTD
(32) Priority Date	:31/05/2011	Address of Applicant : Unit E23 Prime Park 43 Mocke Road
(33) Name of priority country	:U.K.	7800 Diep Rivier South Africa
(86) International Application No	:PCT/IB2012/050693	(72)Name of Inventor :
Filing Date	:15/02/2012	1)DE VAAL Gerardus Geertruud
(87) International Publication No	:WO 2012/164409	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		1

(54) Title of the invention : COOLING OF SEMICONDUCTOR DEVICES

(57) Abstract :

A semiconductor device such as an LED illumination device includes a substrate sheet (2) and a plurality of LEDs o (4) that are supported on the front of the substrate sheet. A plurality of apertures (9) extend through the substrate sheet (2) and thermally conductive elements in the form of conduits or tubes (1) extend through the apertures, while thermally conductive elements in the form of pads (10) extend between the LEDs and the tubes (1). Each tube (1) defines an open passage that extends through the apertures (9) between the front and the back of the substrate sheet (2), without obstruction. Heat generated in the LEDs is conducted to the tubes (1), from where it is dissipated through convection.

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

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NETWORK TRAFFIC MONITORING APPARATUS FOR MONITORING NETWORK TRAFFIC ON A NETWORK PATH AND A METHOD OF MONITORING NETWORK TRAFFIC ON A NETWORK PATH

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:H04L12/26,H04L29/06,H04Q11/04 :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor :
(33) Name of priority country	v:NA	1)BRUNO Gianmarco
(86) International ApplicationNoFiling Date	:08/07/2011	
(87) International Publication No	:WO 2013/007283	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Network traffic monitoring apparatus (10) for monitoring network traffic on a network path (102) and a method of o monitoring network traffic on a network path is disclosed. The apparatus (10) comprises a first path (12) for receiving a portion of the network traffic from the network path (102) and a monitoring port (15) for monitoring the portion of network traffic. The apparatus (10) further comprises a switch (13) having an input port (13a) which is communicatively coupled to the first path (12), and an o output port (13b) which is communicatively coupled to the monitoring port (15). The switch is arranged to selectively toggle between the first state (13b) in which the portion of network traffic can pass from the input port (13a) to the output port (13b) and a o second state (13c), in which the portion of network traffic is prevented from passing from the input port (13a) to the output port (13b), in dependence of a switching signal (25). The apparatus further comprises a second path (18) for communicating a monitoring status signal, which is representative of a monitoring event, to a network device (16).

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

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : HANDLING REDUNDANT DATA IN A COMMUNICATION SYSTEM

 (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 	:H04L1/02,H04L1/18 :61/556012 :04/11/2011 :U.S.A. :PCT/SE2012/051179 :31/10/2012 :WO 2013/066252 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)JONSSON Anders 2)SHI Nianshan
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(57) Abstract :

Explicit discard indications are used that allows a radio network controller (105), when operating in a multi-point o High Speed Downlink Packet Access, HSDPA, scenario, to send data to a user equipment (106) via plural radio base stations (104) while reducing the risk for unnecessary duplicate data to be sent over the Uu interface between the radio base stations and the user equipment.

No. of Pages : 30 No. of Claims : 36

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTROL OF TRANSMITTER CONFIGURATION FOR BASE STATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H04B17/00,H04W52/32,H04W52/24 :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)HASSETT Brendan
(86) International Application No Filing Date	:PCT/EP2011/061615 :08/07/2011	
(87) International Publication No	:WO 2013/007276	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Adjusting transmitter configuration for a base station FIG 1 USER USER transmitter (80) of a cell of a wireless network, involves receiving (100) EQUIPMENT EQUIPMENT indications of received power measured at user equipments (UE) of 60 60 customers over a first period of time of service operation of the cell, de termining (110) a generic change in the received power over a second /RECEIVED POWER INDICATIONS period of time at chosen ones of the user equipments in an area, chosen BASE STATION 10 to represent reference points within the area, and chosen based on vari ability in the received power. Then an adjustment is made (120) to the RADIO RADIO RECEIVER 70 TRANSMITTER transmitter configuration based on the determined generic change in the 80 received power. Selecting which UEs to use can enable detection of finer gradations in the generic changes in the received power to be dis - tinguished from the larger changes in individual indications of the re - PROCESSOR ceived power. This can lead to better control of the transmitter config 20 uration under changing conditions.

No. of Pages : 42 No. of Claims : 21

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR RESILIENT ROUTING OF CONTROL TRAFFIC IN A SPLIT ARCHITECTURE SYSTEM

 (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 Eiling Date 	:H04L12/56 :61/513140 :29/07/2011 :U.S.A. :PCT/IB2012/053665 :18/07/2012 :WO 2013/017979 :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)BEHESHTI ZAVAREH Neda 2)ZHANG Ying
Filing Date	:NA	

(57) Abstract :

The invention is a routing algorithm characteristic that minimizes the weight, meaning that the probability that a node is disconnected from the controller in case of a failure in the network is minimized. The first algorithm used in the invention is an o approximation algorithm for finding the controller routing tree that provides maximum resilience in the network. The algorithm is re ferred to herein as the Maximum Resilience (MR) algorithm. The heuristic MR algorithm selects a shortest-path tree as a starting o point and modifies the tree in order to improve resilience. The output of the MR algorithm is not necessarily a shortest-path tree, but provides more resilience compared to the initial tree. The RASP algorithm provides a shortest-path tree with improved network resi lience compared to other possible shortest-path trees.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS AND METHOD FOR AXIALLY TRANSFERRING FLUIDS TO A PLURALITY OF COMPONENTS

 (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 	:F16L9/18 :13/099584 :03/05/2011 :U.S.A. :PCT/US2012/035340 :27/04/2012 :WO 2012/151119 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ALLISON TRANSMISSION INC. Address of Applicant :One Allison Way Indianapolis IN 46222 U.S.A. (72)Name of Inventor : 1)ANDERSON Mark L. 2)RASZKOWSKI James A. 3)REDELMAN James A.
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(57) Abstract :

An apparatus for axially transferring fluid may comprise an elongated shaft defining a first fluid passageway axially therethrough and a second fluid passageway from an outer surface thereof to the first fluid passageway. An elongated tube member defines an outer surface that is received within the first fluid passageway and a third fluid passageway axially therethrough. A plurality of axial channels are defined between the tube member and the first fluid passageway or along the tube member separately from the third fluid passageway. At least one of the plurality of axial channels define a first opening near one end thereof that receives fluid from a source of fluid and a second opening axially spaced apart from the first opening and that aligns with the second fluid passageway such that fluid may be transferred by the at least one fluid passageway from the source of fluid through the second fluid passageway.

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

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H02M7/00	(71)Name of Applicant :
(31) Priority Document No	:61/502593	1)SIEMENS INDUSTRY INC.
(32) Priority Date	:29/06/2011	Address of Applicant :3333 Old Milton Parkway Alpharetta
(33) Name of priority country	:U.S.A.	Georgia 30005 4437 U.S.A.
(86) International Application No	:PCT/US2012/044803	(72)Name of Inventor :
Filing Date	:29/06/2012	1)WISSNER Kevin D.
(87) International Publication No	:WO 2013/003668	2)NOVACK Edward A.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(54) Title of the invention : PACKAGING OF POWER SUPPLY USING MODULAR ELECTRONIC MODULES

(57) Abstract :

An enclosure for a power supply is disclosed. The enclosure may include a control compartment configured to receive one or more control components, a transformer compartment positioned adjacent to the control compartment and configured to receive a transformer, and a power cell com partment positioned adjacent to the control compartment and the transformer compartment. The power cell compartment may be configured to receive a plurality of power cells arranged into a plurality of pods. The power cells may be received in the power cell compartment such that each power cell in a first pod is adjacent to at least two other power cells in the first pod. A voltage difference between adjacent power cells in a pod may be less than an acceptable voltage tolerance.

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

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(51) International classification :D04B15/48 (71)Name of Applicant : (31) Priority Document No :10 2011 053 824.0 1)MEMMINGER IRO GMBH (32) Priority Date Address of Applicant : Jakob Mutz Strae 7 72280 Dornstetten :21/09/2011 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2012/067088 (72)Name of Inventor : Filing Date 1)HORVATH Attila :03/09/2012 (87) International Publication No :WO 2013/041349 2)LETZGUS Walter (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : THREAD DELIVERY DEVICE FOR FEEDING A THREAD TO A TEXTILE MACHINE

(57) Abstract :

A thread delivery device (1) according to the invention for feeding a thread to a textile machine is provided with a thread delivery wheel (3), with a drive shaft (4), the axis of rotation of which extends vertically in Operation and on which the thread delivery wheel (3) is disposed, and with a beam (5) for supporting the drive shaft (4). The thread delivery device (1) has at least one thread sensor (11, 12), a first and at least one second thread brake (16, 40, 17, 30, 41) in the thread path before the thread delivery wheel (3) and a knot catcher (18). According to the invention a knot catcher (18) is disposed between the two thread brakes (16, 40, 17, 30, 41).

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

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND TIRE FOR IMPROVED UNIFORMITY AND ENDURANCE OF AGGRESSIVE TREAD DESIGNS

(62) Divisional to Application Number :NA	 (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 NA (87) International Publication No (61) Patent of Addition to Application NA (87) International Publication No (87) International Publication
Filing Date :NA	11

(57) Abstract :

A tire having aggressive tread features with improvements in uniformity that can also improve endurance is provided o along with a method and apparatus for manufacturing such a tire. The tire and its manner of manufacture can achieve a reduction or elimination of certain non-uniformities that can occur during the molding of large tread blocks. The reduction or removal of these non-uniformities can improve temperature performance to provide increased tire endurance.

No. of Pages : 23 No. of Claims : 7

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND TIRE FOR IMPROVED UNIFORMITY AND ENDURANCE OF AGGRESSIVE TREAD DESIGNS

 (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 	:B29D30/08 :NA :NA :NA :PCT/US2011/044013 :14/07/2011 :WO 2013/009314 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MICHELIN RECHERCHE ET TECHNIQUE S.A. Address of Applicant :Route Louis Braille 10 CH 1763 Granges Paccot Switzerland 2)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN (72)Name of Inventor : 1)MAYNI Paul Andrew
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(57) Abstract :

A tire having aggressive tread features with improvements in uniformity that can also improve endurance is provided along with a method and apparatus for manufacturing such a tire. The tire and its manner of manu facture can achieve a reduction or elimination of certain non-uniformities that can occur during the molding of large tread blocks. The reduction or re moval of these non-uniformities can improve temperature performance to provide increased tire endurance.

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

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LOW YIELD RATIO HIGH STRENGTH HOT ROLLED STEEL PLATE WITH EXCELLENT LOW TEMPERATURE TOUGHNESS AND PROCESS FOR PRODUCING SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C22C38/00,B21B1/26,B21B3/00 :2011158509 :20/07/2011 :Japan	 (71)Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan
 (86) International Application No Filing Date (87) International Publication No 	:PCT/JP2012/065671 :13/06/2012 :WO 2013/011791	 (72)Name of Inventor : 1)GOTO Sota 2)NAKATA Hiroshi 3)KAMI Chikara 4)ABE Toshifumi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)TAMAI Takato

(57) Abstract :

A low yield ratio and high-strength hot rolled steel sheet with excellent low-temperature toughness is provided, the steel sheet being suited to a material for steel pipes. Specifically, the steel sheet has a composition containing, on a mass percent basis, 0.03% to 0.10% C, 0.10% to 0.50% Si, 1.4% to 2.2% Mn, 0.005% to 0.10% Al, 0.02% to 0.10% Nb, 0.001% to 0.030% Ti, 0.05% to 0.50% Mo, 0.05% to 0.50% Cr, and 0.01% to 0.50% Ni, in which Moeq preferably satisfies the range of 1.4% to 2.2%; and a microstructure including a main phase that contains bainitic ferrite having an average grain size of 10 |am or less and a secondary phase that contains massive martensite having an average size of 0.5 to 3.0 |m. Thus, the low yield ratio and high-strength hot rolled steel sheet with excellent low-temperature toughness is easily provided, the steel sheet exhibiting only a slight reduction in strength after pipe production, being particularly suited to a material for spiral steel pipes, and having a YS of 480 MPa or more in a direction inclined at an angle of 30° with respect to a rolling direction, a tensile strength of 600 MPa or more in the width direction of the sheet, a vTrs of -80°C or lower, and a yield ratio of 85% or less.

No. of Pages : 54 No. of Claims : 9

(21) Application No.11218/DELNP/2013 A

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR TRANSFORMING CONCENTRATED SOLAR ENERGY

 (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 	:PCT/ES2012/070478 :28/06/2012 :WO 2013/004868 :NA :NA :NA	 (71)Name of Applicant : 1)ABENGOA SOLAR NEW TECHNOLOGIES S. A. Address of Applicant :Campus Palmas Altas C/ Energa Solar 1 E 41014 Sevilla Spain (72)Name of Inventor : 1)NU'EZ BOOTELLO Juan Pablo 2)GALLAS TORREIRA Manuel
Application Number Filing Date (62) Divisional to Application Number	:NA	

(57) Abstract :

The invention protects a device for transformation of concentrated solar energy which comprises a photovoltaic cell (30) and laser device (20), which 5 has a first reflecting mirror (5) adapted for entry of a beam of solar rays (8) and a second reflecting mirror (6) adapted for the outlet of a laser beam (10), with the first reflecting mirror (5) reflective on the outlet wavelength of the laser beam (10) and transparent to the totality of the solar spectrum and the second reflecting mirror (6) partially reflective on the wavelength of the laser beam 10 (10), reflective in the interval of the solar spectrum which is absorbed and transparent in the other wavelengths different to these, and at the outlet of the laser beam (10). It has a nucleus (1) doped with substances for the total or partial absorption of the solar spectrum and coatings (2, 3).

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

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : HIGH STRENGTH STEEL SHEET FOR WARM FORMING AND PROCESS FOR PRODUCING SAME

 (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 	:C22C38/00,B21B3/00,C21D9/46 :2011158508 :20/07/2011 :Japan :PCT/JP2012/004462 :11/07/2012 :WO 2013/011660 :NA :NA	 (71)Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan (72)Name of Inventor : 1)KOSAKA Noriaki 2)FUNAKAWA Yoshimasa 3)SHIGEMI Masato 4)OKUBO Hidekazu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention provides a high-strength steel sheet having good warm press formability and exhibiting excellent strength and ductility after warm press forming, and a method for manufacturing such steel sheets. The highstrength steel sheet is such that the tensile strength at room temperature is not less than 780 MPa, the yield stress at a heating temperature range of 400°C to 700°C is not more than 80% of the yield stress at room temperature, the total elongation at the heating temperature range is not less than 1.1 times the total elongation at room temperature, the yield stress of the steel sheet after the steel sheet is heated to the heating temperature range, subjected to a strain of not more than 20% and cooled from the heating temperature to room temperature is not less than 70% of the heating temperature range, subjected to a strain of not more than 20% and cooled from the heating temperature to room temperature to room temperature is heated to the heating temperature range, subjected to a strain of not more than 20% and cooled from the heating temperature is not less than 70% of the heating temperature range, subjected to a strain of not more than 20% and cooled from the heating temperature to room temperature to room temperature is not less than 70% of the heating temperature range, subjected to a strain of not more than 20% and cooled from the heating temperature to room temperature is not less than 70% of the heating temperature before the heating temperature to room tem

No. of Pages : 65 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : STEVIA COMPOSITION		
 (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 	:A23G3/00 :61/491441 :31/05/2011 :U.S.A. :PCT/US2011/047498 :11/08/2011 :WO 2012/166163 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PURECIRCLE USA Address of Applicant :915 Harger Road Suite 250 Oak Brook IL 60523 1492 U.S.A. (72)Name of Inventor : 1)MARKOSYAN Avetik

(57) Abstract :

Stevia compositions are prepared from steviol glycosides of Stevia rehaudiana Bertoni. The compositions are able to provide a superior taste profile and can be used as sweetness enhancers flavor enhancers and sweeteners in foods beverages cosmetics and pharmaceuticals.

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

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR MEASURING SLAG THICKNESS.

classification:B22D11/18,C21C5/46,G01B21/08(31) Priority Document No:11/55281(32) Priority Date:16/06/2011(33) Name of priority country:France(86) International Application:PCT/EP2012/002548	 71)Name of Applicant : 1)AVEMIS S.A.S. Address of Applicant :2 H'tel dentreprises ZI Grange Eglise F 59590 Saint Symphorien sur Coise France 72)Name of Inventor : 1)DUSSUD Michel 2)DEJEAN Fabien
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(57) Abstract :

This device (10) intended for measuring the thickness of a slag (3) on the surface of a liquid metal (4) contained in an ingot mould (2) comprises: a wire (13) made of electrically conductive material and capable of being eliminated under the effect of the heat at the temperature of the slag the wire (13) comprising a free end (14) intended to be dipped into the slag (3) means for feeding the wire (13) capable of displacing the wire (13) so that its free end (14) dips vertically into the slag (3) according to a predetermined trajectory measuring means capable of measuring a distance travelled by the free end (14) of the wire (13) during a time interval between two predetermined events when the latter is displaced under the action of the feeding means and means for controlling said feeding means the control means comprising detection means capable of detecting contact between the free end (14) and the surface of the liquid metal (4).

No. of Pages : 18 No. of Claims : 17

(21) Application No.10234/DELNP/2013 A

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHT WEIGHT HYBRID GLASS LAMINATES

 (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 	:PCT/US2012/041811 :11/06/2012	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor : 1)CLEARY Thomas M. 2)MOORE Michael John
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ¹ :NA :NA	

(57) Abstract :

A glass laminate comprises an external glass sheet an internal glass sheet and a polymer interlayer formed between the external glass sheet and the internal glass sheet. The external glass sheet is a chemically strengthened glass sheet having a thickness of less than 1 mm the polymer interlayer has a thickness of less than 1.6 mm and the internal glass sheet is a non chemically strengthened glass sheet having a thickness of less than 2.5 mm.

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

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MOTION IMAGE REGION IDENTIFICATION DEVICE AND METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06T7/20,G09G3/20,G09G5/00 :2011131926 :14/06/2011 :Japan :PCT/JP2011/077755 :01/12/2011 o :WO 2012/172706 :NA :NA :NA	 (71)Name of Applicant : 1)EIZO Corporation Address of Applicant :153 Shimokashiwano machi Hakusan shi Ishikawa 9248566 Japan (72)Name of Inventor : 1)CHEN Haifeng 2)NAKAO Masashi
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(57) Abstract :

A rectangular moving image region is determined using a simple configuration. When the difference between the representative value of a unit block and the representative value of the same unit block in a comparative frame exceeds a threshold, moving unit block judgment means 5 judges that the unit block is a moving unit block. Moving column block determination means 7 defines a set of unit blocks included in a column including a certain unit block as a column block and, if a column block includes a moving unit block, determines the column block as a moving column block. When a row block includes a moving unit block, moving row block determination means 9 determines the row block as a moving column block. First rectangular moving image region determination means 11 determines, as a rectangular moving image region, a rectangular region specified by unit blocks included in both the moving row block.

No. of Pages : 52 No. of Claims : 21

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : OPTICAL SENSOR DEVICE AND IMAGE DISPLAY DEVICE

 (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 	 i:G09F9/00,G01M11/00,G02F1/13 :2011132694 :14/06/2011 :Japan :PCT/JP2011/077756 :01/12/2011 :WO 2012/172707 :NA :NA :NA 	 (71)Name of Applicant : 1)EIZO Corporation Address of Applicant :153 Shimokashiwano machi Hakusan shi Ishikawa 9248566 Japan (72)Name of Inventor : 1)HOGO Hidekazu 2)KOJIMA Kentaro 3)AMEMIYA Kenichi
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(57) Abstract :

T o provide an optical sensor device having a configuration, which makes it possible t o smoothly insert and take out a sensor unit into and from the device even i f the thickness o f a frame i s reduced, and which corresponds even t o a position - al change due t o heat generated b y the image display panel when the image display panel i s driven. [Solution] A n optical sensor device (1) i s provided with: a main body frame (2); a sensor unit (3) having an optical sensor (108) incorporated therein; a guide member (16) which guides the sensor unit (3); and a drive means which moves the sensor unit (3) t o a measuring position. Sliding members (1) are disposed on both the sides o f the sensor unit (3), the sensor unit (3) diagonally moves forward along an inclined surface (162) formed on the front side o f the guide member (16), and a light blocking member (9) disposed on the sensor unit (3) i s brought into contact with a display screen (101 a o f the image display panel. Then, after measurement, the sensor unit (3) diagonally moves backward and i s stored i n the main body frame (2).

No. of Pages : 55 No. of Claims : 6

(21) Application No.11253/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:B22C9/00	(71)Name of Applicant :
(31) Priority Document No	:13/338998	1)BEDLOE INDUSTRIES LLC
(32) Priority Date	:28/12/2011	Address of Applicant :2711 Centerville Road Suite 300 Pmb
(33) Name of priority country	:U.S.A.	#8033 Wilmington DE 19808 U.S.A.
(86) International Application No	:PCT/US2012/071719	(72)Name of Inventor :
Filing Date	:27/12/2012	1)NIBOUAR F. Andrew
(87) International Publication No	:WO 2013/101876	2)SMERECKY Jerry R.
(61) Patent of Addition to Application	:NA	3)DAY Kelly S.
Number	:NA :NA	4)SALAMASICK Nick
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

(54) Title of the invention : METHOD AND SYSTEM FOR MANUFACTURING RAILCAR COUPLER LOCKS

(57) Abstract :

A casting assembly for manufacturing a lock of a railcar coupler includes drag and cope por 300 tions of a first mold that defines exterior surfaces of the lock, wherein the first mold comprises a first molding material. The casting assembly also includes a second mold formed of a second molding material. The second mold defines a cavity with an interior sur face that substantially complements an exterior sur face of the first mold. A down sprue is formed in the second mold. A gating system is formed in the second mold that and is in fluid communication with the down sprue. An in-gate is formed in the second mold and is in fluid communication with the gating system and the first mold.

No. of Pages : 31 No. of Claims : 36

(21) Application No.11254/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

		T
(51) International classification	:F02D45/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/070806	(72)Name of Inventor :
Filing Date	:13/09/2011	1)MIYAJI Kazuya
(87) International Publication No	:WO 2013/038490	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : INTERNAL COMBUSTION ENGINE CONTROL APPARATUS

(57) Abstract :

An ECU executes a program including the steps of: when an aging completion flag is ON (YES in S200), determining that a predetermine value serves as an abnormality determination threshold value (S202); when the aging completion flag is OFF (NO in S200), determining the abnormality determination threshold value depending on to what extent aging has progressed (S204); and determining whether or not an air/fliel ratio sensor is abnormal using the determined threshold value (S206).

No. of Pages : 56 No. of Claims : 13

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PRODUCING PEPTIDE

 (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 	:C07K1/06,C07C227/22,C07C227/42 :2011122943 :31/05/2011 :Japan :PCT/JP2012/064073 :31/05/2012 :WO 2012/165545 :NA	 (71)Name of Applicant : 1)AJINOMOTO CO. INC. Address of Applicant :15 1 Kyobashi 1 chome Chuo ku Tokyo 1048315 Japan (72)Name of Inventor : 1)TAKAHASHI Daisuke
(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 production method of a protected amino acid, protected peptide or peptide, including 5 precipitation and solid-liquid separation of C-protected amino acid or -C-protected peptide in a solvent containing watercontaining acetonitrile, after removing the N-terminal protecting group from N-protected C-protected amino acid or Nprotected C-protected peptide wherein the C-terminal carboxy 10 group is protected by an anchor group.

No. of Pages : 55 No. of Claims : 16

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PRODUCING PEPTIDE (51) International (71)Name of Applicant : :C07K1/06,C07C269/06,C07C271/22 classification 1)AJINOMOTO CO. INC. (31) Priority Document No :2011122798 Address of Applicant :15 1 Kyobashi 1 chome Chuo ku Tokyo 1048315 Japan (32) Priority Date :31/05/2011 (33) Name of priority (72)Name of Inventor : :Japan 1)TAKAHASHI Daisuke country (86) International :PCT/JP2012/064074 Application No :31/05/2011 Filing Date (87) International :WO 2012/165546 Publication No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract :

The present invention provides a production method of peptide, which includes the following step (1). 5 (1) removing N-terminal Fmoc group of N-Fmoc C-protected amino acid or N-Fmoc C-protected peptide wherein a C-terminal carboxy group is protected by an anchor group derived from an anchor soluble in halogenated solvents or ether solvents, insoluble in polar solvents and having a molecular weight of not less than 10 300, with a non-nucleophilic organic base in a halogenated solvent or ether solvent to give a C-protected amino acid or C-protected peptide, neutralizing with an acid, adding N-Fmoc amino acid or N-Fmoc peptide, a condensing agent and a condensation accelerator to the reaction solution after 15 neutralization, and condensing the N-terminal of the C-protected amino acid or C-protected peptide with N-Fmoc amino acid or N-Fmoc C-protected peptide.

No. of Pages : 48 No. of Claims : 12

(21) Application No.11258/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:G01N21/17	(71)Name of Applicant :
(31) Priority Document No	:2012063984	1)SUMITOMO ELECTRIC INDUSTRIESLTD.
(32) Priority Date	:21/03/2012	Address of Applicant :5 33 Kitahama 4 chome Chuo ku Osaka
(33) Name of priority country	:Japan	shi Osaka 5410041 Japan
(86) International Application No	:PCT/JP2013/057139	(72)Name of Inventor :
Filing Date	:14/03/2013	1)HASEGAWA Takemi
(87) International Publication No	:WO 2013/141128	2)HIRANO Mitsuharu
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : OPTICAL PROBE AND OPTICAL MEASURING METHOD

(57) Abstract :

An optical measurement method that can suppress variation in detection sensitivity even if an optical probe is bent, and an optical probe suitably used for the method are 5 provided. An optical probe 10 includes an optical fiber 11 that transmits light between a proximal end 11a and a distal end 1 lb, an optical connector 12 connected with the optical fiber 11 at a side of the proximal end 11a, a focusing optical system 13 and a deflecting optical system 14 optically connected with the optical fiber 11 at a side of the distal end lib, and a support tube 15 and a jacket tube 16 surrounding the optical fiber 11 and 10 extending along the optical fiber 11. The optical fiber 11 is twisted by a number of turns in a range from one tum/m to 50 turns per meter around an axis of the optical fiber as the center and fixed relative to the support tube 15.

No. of Pages : 18 No. of Claims : 6

(54) Title of the invention : SHIELDING FOR CABLE COMPONENTS AND METHOD

(21) Application No.11241/DELNP/2013 A

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

()		
(51) International classification	:H01B11/06,H01B13/22	(71)Name of Applicant :
(31) Priority Document No	:61/505772	1)GENERAL CABLE TECHNOLOGIES CORPORATION
(32) Priority Date	:08/07/2011	Address of Applicant :4 Tesseneer Drive Highland Heights
(33) Name of priority country	:U.S.A.	Kentucky 41076 U.S.A.
(86) International Application No	:PCT/US2012/045570	(72)Name of Inventor :
Filing Date	:05/07/2012	1)WEITZEL Jared D.
(87) International Publication No	:WO 2013/009570	2)CAMP II David P.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A shielded cable component and method that comprises a main body that has an outer surface and the main body is o formed of a dielectric material and a coating that is applied to the outer surface of the main body where the coating includes a con \neg ductive or semi-conductive shielding material. An outer layer is disposed on the coating that completely encapsulates the coating and the main body and the outer layer is formed of a dielectric material.

No. of Pages : 31 No. of Claims : 53

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPUTING SYSTEMS AND METHODS FOR ELECTRONICALLY INDICATING THE ACCEPTABILITY OF A PRODUCT

(57) Abstract :

Computing systems and methods for electronically indicating the acceptability of a product. An image capture and o communication device may analyze a product label that includes one or more momtors, authentication elements, and identification elements. The image capture and communication device may determine the type and features of the monitors, authentication ele o ments, and identification elements and, based on the type of the momtors, authentication elements, and identification elements. The image capture and communication device may transmit data based on the type and features to a host server, which may transmit data associated with the host product to the image capture and communication device in, inter alia, the form of an acceptability report.

No. of Pages : 69 No. of Claims : 29

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A DUAL RISER CATALYTIC CRACKING PROCESS FOR MAKING MIDDLE DISTILLATE AND LOWER OLEFINS

 (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 	:C10G11/18 :61/503221 :30/06/2011 :U.S.A. :PCT/US2012/044495 :28/06/2012 :WO 2013/003515 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant :Carel van Bylandtlaan 30 NL 2596 The Hague Netherlands (72)Name of Inventor : 1)CHEN Ye Mon
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(57) Abstract :

A dual riser catalytic cracking process for preferentially making middle distillate and lower olefins. The system and process provide for the processing of multiple hydrocarbon feedstocks so as to selectively produce middle distillate boiling range product and lower olefins. The system and process uses two riser reactors, a single vessel for separating the cracked product and cracking catalyst received from both riser reactors, and a regenerator for regenerating coked or spent cracking catalyst.

No. of Pages : 26 No. of Claims : 7

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A DUAL RISER CATALYTIC CRACKING PROCESS FOR MAKING MIDDLE DISTILLATE AND LOWER OLEFINS

 (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 	:C10G11/18,B01J8/18 :61/503209 :30/06/2011 :U.S.A. :PCT/US2012/044493 :28/06/2012 :WO 2013/003514 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant :Carel van Bylandtlaan 30 NL 2596 The Hague Netherlands (72)Name of Inventor : 1)MO Weijian
Filing Date	:NA	

(57) Abstract :

A fluidized catalytic cracking process and system that provide for the processing of hydrocarbon feedstocks to select o ively produce a middle distillate boiling range product and lower olefms. The inventive process uses two riser reactors each having associated therewith a separator/stripper for separating the cracked product and cracking catalyst received from the respective riser o reactor and a single regenerator for regenerating coked or spent cracking catalyst received from the separator/strippers. The two riser reactors, two separator/strippers and regenerator are operatively integrated to provide a process system for carrying out the process of the invention.

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

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MAIN BODY CORE SET ASSEMBLY AND CORE BOX FOR A COUPLER BODY (51) International classification :B22C9/10 (71)Name of Applicant : (31) Priority Document No **1)BEDLOE INDUSTRIES LLC** :13/337558 (32) Priority Date Address of Applicant :2711 Centerville Road Suite 300 PMB :27/12/2011 (33) Name of priority country #8033 Wilmington DE 19808 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/070140 (72)Name of Inventor : Filing Date 1)NIBOUAR F. Andrew :17/12/2012 (87) International Publication No :WO 2013/101525 2)SMERECKY Jerry R. (61) Patent of Addition to Application **3)BROOKS Noland** :NA Number 4)SALAMASICK Nick :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A main body core box assembly for creating coupler head cores which are attachable to various shank cores includes a main body core box including two halves, each half including a pattern configured to form the outer walls of a first head core having a first shank core. A plug is 310- insertable into an end of respective patterns to form a second, alternative head core having a first half of a connec - tion joint attachable to a second shank core that includes a second half of the connection joint, the second shank core being different than the first shank core. The first half of the connection joint may be a male connector, where the plug includes a recess having an angled surface to create a notch 302 on the male connector. The second half of the connection joint may be a female connector with a raised surface cor responding to the notch.

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

(21) Application No.10267/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR RECONSTRUCTING CARDIAC ACTIVATION INFORMATION (51) International classification :A61B5/0452 (71)Name of Applicant : 1)TOPERA INC. (31) Priority Document No :61/481607 (32) Priority Date :02/05/2011 Address of Applicant :11445 E. Via Linda Suite 2 P.O. Box (33) Name of priority country 224 Scottsdale AZ 85259 U.S.A. :U.S.A. (86) International Application No 2) THE REGENTS OF THE UNIVERSITY OF :PCT/US2012/029935 Filing Date CALIFORNIA :21/03/2012 (87) International Publication No :WO 2012/151008 (72)Name of Inventor : (61) Patent of Addition to Application 1)BRIGGS Carey Robert :NA Number 2)NARAYAN Sanjiv :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An example system and method of reconstructing cardiac activation information are disclosed. A first cardiac signal and a second cardiac signal are processed via a computing device to determine whether there is a point of change in a derivative of the first cardiac signal with respect to a derivative of the second cardiac signal above a threshold. An activation onset time is assigned in the first cardiac signal at the point of change to define cardiac activation indicating a beat in the first cardiac signal if it is determined that the point of change is above the threshold.

No. of Pages : 45 No. of Claims : 20

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MOLECULAR DIAGNOSTICS PLATFORM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (61) Patent of Addition to (62) Divisional to Application Number Filing Date (63) Date 	 (71)Name of Applicant : 1)ADVANCED LIQUID LOGIC INC. Address of Applicant :PO Box 14025 Research Triangle Park NC 27709 U.S.A. (72)Name of Inventor : 1)BORT Donovan 2)GRAHAM Carrie 3)PAMULA Vamsee 4)POLLACK Michael 5)SISTA Ramakrishna 6)SRINIVASAN Vijay
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(57) Abstract :

A method of mixing a droplet the method comprising providing a droplet on a surface forming the droplet into a first U shape having a bottom region and two terminal ends and simultaneously merging the terminal ends and splitting the droplet at the bottom region to form a second U shape which is substantially opposite the first U shape.

No. of Pages : 94 No. of Claims : 44

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

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

 (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 	:PCT/EP2012/062311 :26/06/2012 :WO 2013/000890 :NA :NA	 (71)Name of Applicant : 1)VERSALIS S.P.A. Address of Applicant :Piazza Boldrini 1 I 20097 Milan Italy (72)Name of Inventor : 1)LIMA Romano 2)DE SANTI Davide
Number Filing Date	:NA	

(57) Abstract :

Process for the preparation of a nitrile rubber comprising : - subjecting at least one a, b-unsaturated nitrile, at least 00 one conjugated diene and, optionally, one or more further copolymerizable monomers, to emulsion polymerization, in the presence o of at least one alkyl thiol containing from 12 to 16 carbon atoms and at least three tertiary carbon atoms and having the sulfur bound o to one of said tertiary carbon atoms, at a pH ranging from 7 to 10, preferably from 8 to 9, obtaining a latex; - subjecting said latex to coagulation, in the presence of at least one metal sulfate selected from magnesium, sodium, potassium, preferably magnesium, at a temperature higher than or equal to 30 °C, preferably ranging from 40°C to 60°C, obtaining a coagulated nitrile rubber: - subjecting o said coagulated nitrile rubber to washing with water, in the presence of at least one inorganic base, selected from sodium hydroxide, potassium hydroxide, nagnesium hydroxide, lithium hydroxide, preferably potassium hydroxide, at a pH higher than or equal to 10, preferably ranging from 11 to 12. The nitrile rubber thus obtained is capable of giving vulcamzable elastomeric o compositions having a high vulcanization rate and a good vulcanization yield. Furthermore, said elastomeric compositions cause a low fouling of the moulds and can consequently be advantageously used in injection moulding processes.

No. of Pages : 57 No. of Claims : 20

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 1 3 BUTADIENE AND STYRENE COPOLYMERS AND USE THEREOF IN VULCANIZABLE ELASTOMERIC COMPOSITIONS

(51) International classification(31) Priority Document No	:C08C19/44,C08F236/10 :MI2011A001198	(71)Name of Applicant : 1)VERSALIS S.P.A.
(32) Priority Date	:29/06/2011	Address of Applicant : Piazza Boldrini 1 I Milan 20097 Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/061981	1)SODDU Luca
Filing Date	:21/06/2012	2)VENERI Gabriele
(87) International Publication No	:WO 2013/000817	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the preparation of a 1,3-butadiene and styrene copolymer comprising the following steps: a) anionically polymerizing a blend comprising from 5% by weight to 40% by weight of styrene and from 60% by weight to 95% by weight of 1,3- 00 butadiene, with respect to the overall weight of the mixture, in the presence of at least one hydrocarbon solvent, of at least one lithi - oo um-based catalyst having the general formula LiRi wherein R i represents a linear or branched -C 10 alkyl group, and of least one polar modifier; b) optionally, reacting the copolymer obtained in step (a) with at least one chain-end monomer selected from 1,3- butadiene, styrene and a-methylstyrene; c) reacting from 10% by weight to 70% by weight, preferably from 20% by weight to 50% by weight, of the lithium-terminated polymeric chains present in the copolymer obtained in step (a) or in step (b), with at least one o coupling agent selected from liquid polyepoxides having at least three reactive sites capable of reacting with the carbon-lithium chain-ends; d) optionally, reacting the copolymer obtained in step (c) with at least one chain-end monomer selected from 1,3- butadiene, styrene and a-methylstyrene; e) reacting the linear polymeric chains remaining in the copolymer obtained in step (c) or in o step (d), with at least one tin compound having the general formula XSn(R2 wherein X represents a halogen atom such as, for ex ample, chlorine and R2 represents a linear or branched C 1-C 10 alkyl group.

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

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LOW MOLAR HOMOGENEOUSLY SUBSTITUTED HEC FOR USE IN CEMENT BASED SYSTEMS

(57) Abstract :

Hydroxyethylcellulose with a low molar substitution and which is uniformly substituted is useful in cement based systems including mortars. The cement based system exhibits long pot life as well as very high water retention capability at hot temperature as well as better paste stability and optimized setting behavior for hot as well as cold temperature compared to typical cement based systems with commercial cellulose ether compounds. Less hydrophilic cellulose ethers such as methylhydroxyethylcellulose can be added as a second cellulose ether.

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

(22) Date of filing of Application :28/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : POLYETHYLENE TEREPHTHALATE GRAPHENE NANOCOMPOSITES

(51) International classification	n:C08L67/03,C08K3/04,B82Y30/00	(71)Name of Applicant :
(31) Priority Document No	:61/482048	1)THE BOARD OF REGENTS FOR OKLAHOMA STATE
(32) Priority Date	:03/05/2011	UNIVERSITY
(33) Name of priority country	:U.S.A.	Address of Applicant :203 Whitehurst Oklahoma State
(86) International Application	:PCT/US2012/036376	University Stillwater OK 74078 U.S.A.
No	:03/05/2012	(72)Name of Inventor :
Filing Date	.03/03/2012	1)HANAN Jay Clarke
(87) International Publication	:WO 2012/151433	
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A nanocomposite material comprises polyethylene terephthalate (PET) as a base polymer and a nanoparticle that increases the strength of the base polymer.

No. of Pages : 20 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

:F16L3/08	(71)Name of Applicant :
:13/219206	1)RILCO MANUFACTURING COMPANY INC.
:26/08/2011	Address of Applicant :11435 Brittmoore Park Drive Housto
:U.S.A.	TX 77041 U.S.A.
:PCT/US2012/046157	(72)Name of Inventor :
:11/07/2012	1)ZAGORSKI Kenneth
:WO 2013/032583	2)DONOGHUE Joseph A.
.NT A	3)BOCK Michael E.
INA	
:NA	
:NA	
	:13/219206 :26/08/2011 :U.S.A. :PCT/US2012/046157 :11/07/2012 :WO 2013/032583 :NA :NA :NA

(54) Title of the invention : PIPE ANCHOR

(57) Abstract :

A pipe anchor is disclosed having a pipe trunnion stop for at taching to an outer surface of a pipe by welding. A mating top cradle and bottom cradle generally encircle and hold a length of the pipe. The bottom cradle has a pass-through to accommodate the pipe trunnion stop. There is a base onto which the bottom cradle sets, the base includes a void into which the pipe trunnion is secured. An insulation layer is positioned between the pipe and the top cradle and bottom cradle, and around the pipe trunnion stop, A bolting assembly on the top cradle portion and a mating bolting assembly on the bottom cradle portion secures the top cradle portion and the bottom cradle sets multiple pipe trunnion stops along with respective pass-through and base void sections.

No. of Pages : 17 No. of Claims : 20

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PRODUCING AN AQUEOUS SOLUTION OF SALTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (27) International Publication 	PCT/EP2012/060616 :05/06/2012	 (71)Name of Applicant : 1)UHDE INVENTA FISCHER GMBH Address of Applicant :Holzhauser Str. 157 159 13509 Berlin Germany (72)Name of Inventor : 1)SIEBECKE Ekkehard 2)B,,R Mirko 3)RAUE Eberhard
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA ¹ :NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for continuously producing a solution of salts in particular for producing hexamethylenediamine adipate and to a device for carrying out such a method. According to the invention in a first step a substoichiometric quantity of alkane diamine in relation to the alkane dicarboxylic acid is reacted in water and in a subsequent second step an additional metered amount of alkane diamine is added wherein the stoichiometric relationships are adjusted by means of a pH value measurement at a constant temperature.

No. of Pages : 18 No. of Claims : 13

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR COMPUTER AIDED CONSUMPTION OF INFORMATION FROM APPLICATION DATA FILES

(51) International classification	:G06F9/06.G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:61/519578	1)ANAND Indu M.
(32) Priority Date	:24/05/2011	Address of Applicant :15 Green Way Chelmsford MA 01824
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/039482	2)WAKHLU Anurag
Filing Date	:24/05/2012	3)ANAND Pranav
(87) International Publication No	:WO 2012/162572	4)ANAND Ishan
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number	:NA :NA	1)ANAND Indu M.
Filing Date	.INA	2)WAKHLU Anurag
(62) Divisional to Application Number	:NA	3)ANAND Pranav
Filing Date	:NA	4)ANAND Ishan

(57) Abstract :

The present invention provides a system and method for collecting and aggregating user generated data based on user provided parameters and measures of relevance of underlying content. A user s data is combined with already existing collective data to generate relevant mark ups for a document or other consumable data file such as audio or video. The marked up version of the document or data file is then displayed to users to help increase efficiency and assist in comprehension.

No. of Pages : 49 No. of Claims : 27

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOUNDS FOR TREATING RESPIRATORY SYNCYTIAL VIRUS INFECTIONS

 (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 	:C07D487/22,C07D513/22,C07D491/22 :61/515514 :05/08/2011 :U.S.A. :PCT/AU2012/000912 :03/08/2012 :WO 2013/020164 ⁰⁰ :NA :NA :NA	 (71)Name of Applicant : 1)BIOTA SCIENTIFIC MANAGEMENT PTY LTD Address of Applicant :10/585 Blackburn Road Notting Hill Victoria 3168 Australia (72)Name of Inventor : 1)PITT Gary Robert William 2)MAYES Penelope Anne 3)ANDRAU Laura
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(57) Abstract :

The present invention relates to com pounds of formula (I) or salts, racemates, isomers and/or prodrugs thereof useful in the treatment of viral infections, in particular respiratory syncytial viral (RSV) infections. The present invention also relates to processes for preparing the compounds and intermedi ates used in their preparation.

No. of Pages : 56 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : IBUPROFEN CHEWABLE TABLET

 (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 	:PCT/CN2012/077089 :18/06/2012	 (71)Name of Applicant : 1)SINO AMERICAN TIANJIN SMITHKLINE AND FRENCH LAB. LTD Address of Applicant :Cheng Lin Zhuang Industrial Zone Dongli District Tianjin 300163 China (72)Name of Inventor : 1)YANG Lei 2)YANG Fang 3)LIU John Jiangnan
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

A taste masked and directly compressed ibuprofen chewable tablet is disclosed. The ibuprofen chewable tablet comprises therapeutically effective amount of ibuprofen and a pharmaceutically acceptable carrier wherein said ibuprofen have average particle size between 250 µm and 400µm.

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

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ELECTRONIC DEVICE TRANSMISSION CABLE CATEGORY DISCERNING METHOD AND TRANSMISSION CABLE

 (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 	:G06F1/18 :61/504010 :01/07/2011 :U.S.A. :PCT/JP2012/065791 :20/06/2012 :WO 2013/005572 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075 Japan (72)Name of Inventor : 1)TOBA Kazuaki
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(57) Abstract :

In the present invention a transmission cable category is cheaply and easily discerned. By applying a predetermined voltage to a predetermined pin in a receptacle that has a plurality of pins for connecting a transmission cable plug the transmission cable category is discerned. A new HDMI cable has a resistor connected between the predetermined pin in the plug and a shield shell. When a voltage is applied the fact that the cable is a new HDMI cable is discerned by detecting the current flow. Conventional HDMI cables do not have a resistor between a predetermined pin in the plug and a shield shell and therefore no current flows when a voltage is applied.

No. of Pages : 97 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PERSONAL HEALTH DATA COLLECTION

No :26/06/2 Filing Date :26/06/2 (87) International Publication :WO 20 (61) Patent of Addition to :WA Application Number :NA Filing Date :NA (62) Divisional to Application :NA Number :NA	/2011 GB2012/000549	Address of Applicant :Quartier de lInnovation Batiment I CH 1015 Lausanne Switzerland (72)Name of Inventor : 1)ELLIOTT Christopher 2)JONES Mark Eric 3)BENNETT Mark 4)NAGOGA Mikhail
Filing Date :NA		

(57) Abstract :

The present application relates to means for collecting personal health data, in particular to a personal hand-held monitor (hereafter a PHHM) comprising a signal acquisition device for acquiring signals which can be used to derive one or more measurements of parameters related to the health of a user, the signal acquisition device being integrated with a personal hand-held computing device (hereafter a PHHCD). The PHHM uses the processor of the PHHCD to control and analyse signals received from the signal acquisition device. The present application also relates to a signal acquisition device adapted to be integ - rated with such a PHHCD and to systems for operating the PHHM and for hand ling the signals acquired by the signal acquisition device. The present application further relates to a system for analysing, storing and transmitting signals acquired by the PHHM via the Internet or for regulating the uses to which the data derived from those signals may be put. A PHHM comprises a signal acquisition device (4) for acquiring signals which can be used to derive a measurement of a parameter related to the health of the user, the signal acquisition device being integrated with the PHHCD, wherein the parameter is blood pressure and the signal acquisition device comprises a blood flow occlusion means (21) adapted to be pressed against one side only of a body part or to have one side only of a body part pressed against it, a means (4) for measuring the pressure applied by or to the body part, and a means for detecting the flow of blood through the body part in contact with the blood flow occlusion means.

No. of Pages : 45 No. of Claims : 6

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND DEVICE FOR SERIAL DATA TRANSMISSION HAVING A FLEXIBLE MESSAGE SIZE AND A VARIABLE BIT LENGTH

 (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 	:10 2011 078 266.4 :29/06/2011 :Germany :PCT/EP2012/062357 :26/06/2012 :WO 2013/000911 :NA :NA	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : HARTWICH Florian HORST Christian
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(57) Abstract :

The invention relates to a method for serial data transmission in a bus system having at least two bus nodes, which exchange messages by means of the bus. The sent messages have a logical structure as per CAN standard ISO 11898-1. The logical structure comprises a start-offrame bit, an arbitration field, a control field, a data field, a CRC field, an acknowledge field, and an end-of-firame sequence. The control field comprises a data length code, which contains information about the length of the data field. The method is characterized in that the control field of the messages comprises more than six bits, in deviation from CAN standard ISO 11898-1, if a first marker (EDL) is present, at least one additional bit (ESI) being added to the control field of the message if the first marker (EDL) is present, and information about the error passive state of the bus node being integrated into sent fi-ames by means of the additional bit (ESI) or one of the additional bits.

No. of Pages : 29 No. of Claims : 21

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND DEVICE FOR SERIAL DATA TRANSMISSION HAVING A FLEXIBLE MESSAGE SIZE AND A VARIABLE BIT LENGTH

 (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 	:10 2011 078 266.4 :29/06/2011 :Germany	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)HARTWICH Florian 2)HORST Christian
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(57) Abstract :

The invention relates to a method for serial data transmission in a bus system having at least two bus nodes, which exchange messages by means of the bus. The sent messages have a logical structure as per CAN standard ISO 11898-1. The logical structure comprises a startof- frame bit, an arbitration field, a control field, a data field, a CRC field, an acknowledge field, and an end-of-firame sequence. The control field comprises a data length code, which contains information about the length of the data field. The method is characterized in that the control field of the messages comprises more than six bits, in deviation fi-om CAN standard ISO 11898-1, if a first marker (EDL) is present, the first marker (EDL) occurring by means of a recessive bit in the control field and at least one dominant bit (rO, rl) following the recessive bit of the first marker (EDL) in all data messages if the first marker is present.

No. of Pages : 29 No. of Claims : 21

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND DEVICE FOR SERIAL DATA TRANSMISSION HAVING A FLEXIBLE MESSAGE SIZE AND A VARIABLE BIT LENGTH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06F13/42,H04L12/413 :10 2011 078 266.4 :29/06/2011 :Germany :PCT/EP2012/062342	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor :
Filing Date (87) International Publication No	:26/06/2012 :WO 2013/000902	1)HARTWICH Florian 2)HORST Christian
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for serial data transmission in a bus system having at least two bus nodes, which exchange messages by means of the bus, wherein the sent messages have a logical structure as per CAN standard ISO 11898-1, wherein the control field of the messages comprises more than six bits, in deviation from CAN standard ISO 11898-1, if a first marker (EDL) is present and the data field of the messages can comprise more than eight bytes, in deviation fi-om CAN standard ISO 11898-1, if the first marker (EDL) is present, wherein the values of the four bits of the data length code are interpreted at least partially in deviation from CAN standard ISO 11898-1 in order to determine the size of the data field, and wherein if a second marker (BRS) is present, the bit length for at least one specified or specifiable range within the message assumes a value that is shortened compared to the bit length used before the presence of the second marker, wherein the range begins with the second marker at the earliest and ends with the CRC delimiter at the latest and the second marker (BRS) appears only if the first marker (EDL) is present and occurs in the control field of the messages that comprises more than six bits in deviation fi-om CAN standard ISO 11898-1.

No. of Pages : 28 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ADJUSTABLE SAFETY BRAKE		
 (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 	:NA :NA :NA	 (71)Name of Applicant : 1)OTIS ELEVATOR COMPANY Address of Applicant :10 Farm Springs Road Farmington CT 06032 U.S.A. (72)Name of Inventor : 1)WEI Wei

(57) Abstract :

A brake device having a block member a first and second brake member movable relative to each other and at least one adjustment member positioned between the block member and the first brake member to adjust the distance there between.

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

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H04W24/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
(32) Priority Date	:NA	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/062115	1)LOBORG Peter
Filing Date	:15/07/2011	2)GUNNARSSON Fredrik
(87) International Publication No	:WO 2013/010566	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : NEIGHBOUR RELATIONS MANAGEMENT

(57) Abstract :

A radio base station and a method therein for management of neighbour relations with respect to neighbouring radio base stations are provided. The radio base station is connected to an Operation and Maintenance O&M system requesting performance measurement data relating to the neighbour relations from the radio base station. The radio base station 200 300 400 is configured to associate each neighbour relation with a predefined first or a predefined second neighbour relation type wherein the first neighbour relation type indicates that the neighbour relation is to be monitored and the second neighbour relation type indicates that the neighbour relation is further configured to collect performance measurement data relating to mobility for neighbour relation sassociated with the first neighbour relation type and to send the collected performance measurement data only for neighbour relations associated with the first neighbour relation type to the O&M system.

No. of Pages : 41 No. of Claims : 19

(21) Application No.11293/DELNP/2013 A

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : POLYUREA COATINGS CONTAINING SILANE

(51) International classification	:C08G18/10,C08G18/32,C08G18/38	(71)Name of Applicant : 1)PPG INDUSTRIES OHIO INC.
(31) Priority Document No	:61/503779	Address of Applicant :3800 West 143rd Street Cleveland Ohio
(32) Priority Date	:01/07/2011	44111 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2012/044971 :29/06/2012	1)SHETH Kamlesh J. 2)McCARTHY James E.
(87) International Publication	¹ :WO 2013/006448	
(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 directed to a polyurea coating composition formed from an amine-functional component and an isocyanateiunctional component. The amine-functional component can include an aspartic ester-based amine-functional resin o and a blocked primary amine. The isocyanate-iunctional component can include a polyisocyanate having a functionality greater than 2.0 and an isocyanate equivalent weight of greater than 300, and a silane.

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

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AUSTENITE STEEL WELDED JOINT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:B23K35/30,B23K9/167,B23K9/23 :2011149692 :06/07/2011 :Japan :PCT/JP2012/065694 :20/06/2012 :WO 2013/005570	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : 1)HIRATA Hiroyuki 2)OMURA Tomohiko 3)TOMIO Yusaku
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)NAKAMURA Jun

(57) Abstract :

This austenite steel weld joint is welded by a gas tungsten arc welding method using an austenite steel base material that has a specific chemical composition and using an austenite steel welding material that has a specific chemical composition. The chemical composition of the welding metal contains C = 0.1% Si = 0.8% Mn: 1.5 5.5% Ni: 8 15% Cr: 18 24% Al < 0.05% and N: 0.15 0.35% and as necessary contains one or more of V = 0.5% Nb = 0.5% and Mo = 4.5% with the remainder being formed from Fe and impurities. The impurities are O = 0.02% P = 0.05% and S = 0.03% the chemical composition satisfies [413 462(C + N) 9.2Si 8.1Mn 13.7Cr 9.5Ni 18.5Mo = 70] and an austenite steel weld joint in which the amount of ferrite in the welding metal is 20% or less by area ratio is provided with both high strength and excellent resistance to hydrogen embrittlement which are characteristics required for high pressure hydrogen gas pipes even when post weld heat treatment is not carried out.

No. of Pages : 30 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PISTON RING

 (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 	:PCT/JP2012/077923 :29/10/2012 :WO 2013/065652 :NA :NA	 (71)Name of Applicant : 1)KABUSHIKI KAISHA RIKEN Address of Applicant :13 5 Kudankita 1 chome Chiyoda Ku Tokyo 1028202 Japan (72)Name of Inventor : 1)HAYASHI Toshikatsu 2)SUGIMOTO Kouhei 3)WATANABE Yoshinari 4)SASAKI Hayato
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(57) Abstract :

To provide a piston ring which when used in a high power engine can retain over a long period the excellent effect of preventing aluminum adhesion. [Solution] The upper and/or lower surface of a piston ring is coated with a resinous coating film which contains a fibrous filler having an average fiber diameter of 50 500 nm and an aspect ratio of 30 500. The content of the fibrous filler is 0.5 10 vol.% relative to the whole resinous coating film. As the fibrous filler is used at least one filler selected from carbon fibers silica fibers and boron nitride fibers.

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

(22) Date of filing of Application :23/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENGINE SPEED CONTROL METHOD CONTROL SYSTEM AND JIB TYPE ENGINEERING MACHINE

 (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 	:PCT/CN2012/074034 :14/04/2012 :WO 2013/000319	 (71)Name of Applicant : 1)HUNAN SANY INTELLIGENT CONTROL EQUIPMENT CO. LTD Address of Applicant :Sany Industry Town Economic and Technological Development Zone Changsha Hunan 410100 China 2)SANY HEAVY INDUSTRY CO. LTD (72)Name of Inventor : 1)YI Xiaogang 2)PU Dongliang 3)LIU Qiang
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In one aspect of the invention, an engine speed control method used to control an output speed of an engine of a boom-type engineering machine during a boom action includes: detecting a load pressure of a hydraulic system and a moving speed of a boom; determining a target speed of the engine according to the load pressure and the moving speed of the boom, by a central control unit; and sending, by the central control unit, the target speed of the engine to an engine control unit, and performing, by the engine control unit, a speed closed-loop adjustment according to a current speed value fed back by the engine, so that a current speed of the engine is consistent with the target speed of the engine. Further aspects are an engine speed control system and a boom-type engineering machine having the engine speed control system.

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

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:F24F1/24	(71)Name of Applicant :
(31) Priority Document No	:2011151181	1)Toshiba Carrier Corporation
(32) Priority Date	:07/07/2011	Address of Applicant :23 17 Takanawa 3 chome Minato ku
(33) Name of priority country	:Japan	Tokyo 1088580 Japan
(86) International Application No	:PCT/JP2012/067237	(72)Name of Inventor :
Filing Date	:05/07/2012	1)WATANABE Makoto
(87) International Publication No	:WO 2013/005810	2)HIGASHIJI Hiroaki
(61) Patent of Addition to Application	:NA	3)YAMAUCHI Hirofumi
Number	:NA :NA	4)NIWA Hiroyuki
Filing Date	.NA	5)KIMURA Akihiro
(62) Divisional to Application Number	:NA	6)SATO Kazuhisa
Filing Date	:NA	

(54) Title of the invention : OUTDOOR UNIT FOR REFRIGERATION CYCLE DEVICE

(57) Abstract :

In an outside unit for a refrigeration cycle device in an embodiment the interior of the outdoor unit (1) is partitioned by a partition plate (3) into a heat exchange chamber (4) and a mechanical chamber (5) a heat exchanger (7) and fan (8a 8b) are housed in the heat exchange chamber (4) and a compressor (10) and heat cycle components (11) are housed in the mechanical chamber (5). Inverter boards (15 16) on which electrical components have been mounted to operate the compressor (10) and the fan (8a 8b) are housed in front of the heat exchanger (7) and above the fan (8a 8b) and heat sinks (23 24) for cooling the electrical components are mounted on the back sides of the inverter boards (15 16). The inverter boards (15 16) and the heat sinks (23 24) are supported on an incline so that the upper end is to the rear of the lower end. This more efficiently cools electrical components which generate a significant amount of heat prevents adverse thermal effects with respect to the other electrical components and improves reliability.

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

(21) Application No.11301/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

contrate occent that	
:F16H61/00,F16H9/12	(71)Name of Applicant :
:2011133554	1)YANMAR CO. LTD.
:15/06/2011	Address of Applicant :1 9 Tsurunocho Kita ku Osaka shi
:Japan	Osaka 5308311 Japan
:PCT/JP2012/055130	(72)Name of Inventor :
:29/02/2012	1)OUCHIDA Takeshi
:WO 2012/172836	2)ISHINO Fumitoshi
·NI A	
INA	
:NA	
:NA	
	:F16H61/00,F16H9/12 :2011133554 :15/06/2011 :Japan :PCT/JP2012/055130 :29/02/2012 :WO 2012/172836 :NA :NA :NA

(54) Title of the invention : BELT TYPE CONTINUOUSLY VARIABLE TRANSMISSION

(57) Abstract :

Provided is a belt-type continuously variable transmission which may prevent a servo spool irom sliding even when a movable sieve slides due t o reduced pressure in a hydraulic cylinder. A hydraulic servo mechanism (280) comprises a servo spool (283) and a feedback spool (84), and contiguous members (278F, 278R) coming into contact with the feedback spool (84) between a hydraulic cylinder (270) and the feedback spool (84). The present invention also comprises a spool position maintaining unit that makes i t possible for the contiguous members (278F, 278R) t o slide i n relation t o a movable side cylinder case (271) when pressure in the hydraulic cylinder (270) i s lower than a predetermined value.

No. of Pages : 85 No. of Claims : 4

(21) Application No.11304/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:C07C41/22,C07C43/12	(71)Name of Applicant :
(31) Priority Document No	:13/210272	1)BAXTER INTERNATIONAL INC.
(32) Priority Date	:15/08/2011	Address of Applicant : One Baxter Parkway Deerfield IL
(33) Name of priority country	:U.S.A.	60015 U.S.A.
(86) International Application No	:PCT/US2012/049558	2)BAXTER HEALTHCARE S.A
Filing Date	:03/08/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/025377	1)KUDZMA Linas
(61) Patent of Addition to Application	:NA	2)BELL Ronald
Number	:NA :NA	3)ZENG Yongxian
Filing Date	.11A	4)ROZOV Leonid A.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		Letter and the second se

(54) Title of the invention : PROCESS FOR THE MANUFACTURING OF SEVOFLURANE

(57) Abstract :

The present invention provides a method for forming sevoflurane comprising (i) combining chlorosevo ether, a nucleophilic fluoride reagent, and a solvent comprising sevoflurane to form an initial reaction mixture and (ii) reacting the initial reac - tion mixture to form additional sevoflurane relative to the amount of sevoflurane present in the imitial reaction mixture. The present disclosure is also directed to a method for forming sevoflurane, comprising: initiating a reaction between chlorosevo ether and a nuc - leophilic fluoride reagent in an initial reaction mixture further comprising a solvent comprising sevoflurane, thereby forming addi - tional sevoflurane relative to the amount of sevoflurane present in the initial reaction mixture.

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

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ALUMINUM PLATED STEEL PLATE HAVING EXCELLENT EXTERNAL APPEARANCE AND CORROSION RESISTANCE TO ALCOHOL OR GASOLINE MIXED THEREWITH AND METHOD FOR MANUFACTURING SAME

 (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 	n:C23C2/12,C22C21/02,C22C21/06 :NA :NA :NA :PCT/JP2011/066627 :14/07/2011 :WO 2013/008341 :NA :NA :NA	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku (72)Name of Inventor : Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku (72)Name of Inventor : Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku (72)Name of Inventor : Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
Filing Date	:NA	

(57) Abstract :

The present invention relates to: an aluminum plated steel plate that does not require a coating treatment after plating has high production flexibility allowing conventional manufacturing processes to be used demonstrates excellent corrosion resistance to an alcohol petroleum fuel mixture and has an exceptional outward appearance; and a fuel tank characterized in being manufactured using the steel plate. The means for solving the above is characterized in that Si Mg Ca and Ti components in the aluminum plating layer are prescribed and the cooling method after hot dip aluminum plating is controlled whereby MgSi particles having a major axis of 10 μ m or less and an aspect ratio of 1 to 3 inclusive are dispersed and allowed to crystallize in the plating layer. The MgSi particles provide excellent corrosion resistance to an alcohol petroleum fuel mixture and degradation in external appearance by MgO can be inhibited.

No. of Pages : 36 No. of Claims : 5

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

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

 (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 	:H04W28/16,H04J11/00,H04W24/10 :2011150550 :07/07/2011 :Japan :PCT/JP2012/004066 :22/06/2012 :WO 2013/005382 :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)TAKANO Hiroaki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A communication device and method provide a way for multiple transmitting base stations that share a same cell ID o to transmit a predetermined signal to a user equipment that allows the user equipment to subsequently communicate with the most effective subset of said multiple transmitting base stations for that particular user equipment. The user equipment receives the prede - o termined signal from all of the base stations, and then provides feedback regarding the quality of signal reception. Based on the feed - back, a message format is created that informs the user equipment which base stations are included in a subset of base stations that will be used to communicate with the user equipment.

No. of Pages : 53 No. of Claims : 20

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR OBTAINING CARDIOVASCULAR INFORMATION BY MEASURING BETWEEN TWO EXTREMITIES

	 (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 	:P201131331 :29/07/2011 :Spain :PCT/ES2012/070574 :26/07/2012 :WO 2013/017718 :NA :NA	 (71)Name of Applicant : 1)UNIVERSITAT POLIT^CNICA DE CATALUNYA Address of Applicant :Til·lers planta 1 Jordi Girona 31 E 08034 Barcelona Spain (72)Name of Inventor : 1)PALLS ARENY Ramon 2)CASANELLA ALONSO Ramon 3)GMEZ CLAPERS Joan
Filing Date INA			

(57) Abstract :

The invention relates to a method and an apparatus for continuously obtaining information about the cardiovascular system beat by beat exclusively based on measurements between two extremities carried out by means of a pair of distal electrodes on each extremity. The measurement is carried out by circulating an alternating current between an electrode on each extremity and measuring the voltage between the other two electrodes one also on each extremity. Said voltage has a low frequency component that is the electrocardiogram (or ECG) and another component that has the frequency of the injected alternating current and from which the so called impedance plethysmogram is extracted. The cardiovascular information is determined by measuring the lapse between a predefined characteristic element of the ECG and one from the IPG.

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

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ABSORBENT ARTICLE HAVING INTAKE STRUCTURE

 (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 	:A61F13/537,A61F13/535,A61F13/539 :NA :NA :NA :PCT/SE2011/050859 :28/06/2011 :WO 2013/002686 ' :NA :NA :NA	 (71)Name of Applicant : 1)SCA HYGIENE PRODUCTS AB Address of Applicant :S 405 03 Gteborg Sweden (72)Name of Inventor : 1)ANDERSSON Patrik 2)BERGSTR-M Per 3)LUNDMAN Malin
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(57) Abstract :

An absorbent article (1) comprising a fluid permeable topsheet (2), a fluid impermeable backsheet (4) and an absorbent core (6) enclosed between the topsheet (2) and the backsheet (4). The absorbent core (6) comprises a first absorbent layer (22) having an opening (25) extending therethrough. A fluid flow control structure (24) is arranged between the first absorbent layer (22) and the backsheet (4). The fluid flow control structure (24) is a layered structure comprising a non-perforated fibrous polymeric layer (31) and a first perforated polymeric layer (32) having a basis weight of from 50 g/m2 to 100 g/m2.

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

(21) Application No.11112/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

		1
(51) International classification	:F17C1/16,F17C1/06	(71)Name of Applicant :
(31) Priority Document No	:20110930	1)HEXAGON RAGASCO AS
(32) Priority Date	:28/06/2011	Address of Applicant : P.O. Box 50 N 0123 Raufoss Norway
(33) Name of priority country	:Norway	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/062471	1)ULEKLEIV Rune
Filing Date	:27/06/2012	2)HAMNVIK Per Vidar
(87) International Publication No	:WO 2013/000956	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : IMPROVED BOSS FOR COMPOSITE CONTAINER

(57) Abstract :

A boss (1) for a composite pressure container for fluids is disclosed. The structure of the boss comprises depressurisation means securing that internal pressure built up inside the boss is avoided.

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

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIQUID CONTAINER

 (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 	n :A61J1/16,B65D23/08,B65D25/24 :10 2011 079 031.4 :12/07/2011 :Germany :PCT/EP2012/063747 :12/07/2012 :WO 2013/007806 :NA :NA :NA	 (71)Name of Applicant : 1)ALGETA ASA Address of Applicant :Kjelssveien 172A N 0884 Oslo Norway (72)Name of Inventor : 1)JAKOBSEN Jan B,rge 2)B[*]RRETZEN Peer 3)HAUGSETER Bj,rn
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(57) Abstract :

The present invention relates to a container for liquids a method of filling it and the use of the container according to the invention for holding and storing radioactive substances. The container for a liquid comprises a cavity for holding the liquid the cavity being bounded by walls (1) at the sides and at the bottom an opening for filling the cavity with the liquid a closure for closing off the cavity the closure having a piercing region for inserting a cannula into the cavity a bottom casing (20) which surrounds the walls of the cavity in the standing area a top casing (10) which surrounds the pierceable closure with the exception of the piercing region and a film (30) which extends from the top casing to the bottom casing and surrounds those areas of the walls of the cavity which are not already surrounded by the top casing or bottom casing.

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

(21) Application No.11341/DELNP/2013 A

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:A61M25/00	(71)Name of Applicant :
(31) Priority Document No	:61/503546	1)COVIDIEN LP
(32) Priority Date	:30/06/2011	Address of Applicant :15 Hampshire Street Mansfield MA
(33) Name of priority country	:U.S.A.	02048 U.S.A.
(86) International Application No	:PCT/US2012/045184	(72)Name of Inventor :
Filing Date	:02/07/2012	1)SHIMADA Lynn
(87) International Publication No	:WO 2013/003835	2)TORRES Seferino
(61) Patent of Addition to Application	:NA	3)STRAUSS Brian
Number		4)VALKO Jeffrey
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DISTAL ACCESS ASPIRATION GUIDE CATHETER

(57) Abstract :

Distal access aspiration guide catheter system and methods for delivering implantable devices, catheters, or sub - o stances in or near and/or restoring flow through body lumens, such as blood vessel lumens are described. A distal access aspiration guide catheter having a proximal, medial, and distal possessing high flexibility, high resistance to kinking and a large lumen to wall thickness ratio.

No. of Pages : 41 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR THE CREATION OF A FUNCTION FOR A CONTROL DEVICE

 (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 	G05B17/00 10 2011 081 346.2 22/08/2011 Germany PCT/EP2012/064147 19/07/2012 WO 2013/026635 NA NA NA NA	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : STREICHERT Felix MARKERT Heiner KRUSE Thomas IMHOF Volker HUBEr Thorsten ULMER Holger DIENER Rene ANGERMAIER Stefan KLOPPENBURG Ernst
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(57) Abstract :

A method for feeding data to a function (46) for a control device is presented. In said method system measurements (34) are performed at different measurement points on a test stand and a global data based model (38) is established on the basis of the obtained measured values. Virtual measurements simulating real measurements on the test stand are performed on the global data based model (38) uncertainties about virtual measured values of the virtual measurements are determined in the global data based model (38) and said uncertainties about the virtual measured values are taken into account when feeding data to the function (46) for the control device.

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

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR DETECTING THE ENVIRONMENT AROUND A VEHICLE BY MEANS OF ULTRASOUND AND DEVICE FOR CARRYING OUT THE METHOD

 (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 	:G01S7/52,G01S15/93 :10 2011 083 337.4 :23/09/2011 :Germany :PCT/EP2012/065356 :06/08/2012 :WO 2013/041294 :NA :NA :NA :NA	 (71)Name of Applicant : ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : KARL Matthias
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(57) Abstract :

The present invention relates to a method for detecting the environment around a vehicle by means of ultrasound, wherein an ultrasonic sensor is stimulated by means of a transmission pulse for transmitting an ultrasonic pulse, at least one measurement signal is generated, by means of the ultrasonic sensor, from an ultrasonic pulse reflected on an object from the vehicle environment and received by the ultrasonic sensor and the measurement signal is amplified by means of an amplifier before a signal evaluation, wherein the pulse energy of the transmission pulse is chosen at a sufficiently low level to enable an override time of the o amplifier and/or a reverberation time of a Converter for the ultrasonic sensor to be reduced.

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

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TURBOCHARGER

(57) Abstract :

The present invention relates to a turbocharger (1) with variable turbine geometry (VTG) having a turbine housing (2) with a supply duct (9) for exhaust gases; having a turbine wheel (4) which is mounted rotatably in the turbine housing (2); and having a guide grate (18) which surrounds the turbine wheel (4) radially at the outside which has a blade bearing ring (6) which has a multiplicity of guide blades (7) which have in each case one blade shaft (8) mounted in the blade bearing ring (6) which has an adjusting ring (5) operatively connected to the guide blades (7) via associated blade levers (20) which are fastened to the blade shafts (8) at one of the ends thereof wherein each blade lever (20) has at the other end a lever head (23) which can be placed in engagement with an associated engagement recess (24) which has a base wall (26) of the adjusting ring (5) and which has a stop (25) at least for setting the minimum throughflow through the nozzle cross sections formed by the guide blades (7) characterized in that the stop is a first support point (25) on the base wall (26) wherein in the minimum throughflow position the lever head (23) makes contact by means of a wall surface (27) facing toward the base wall (26) with said first support point.

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

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

 (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 	:PCT/US2012/047952 :24/07/2012 :WO 2013/022598 :NA :NA	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills MI 48326 U.S.A. (72)Name of Inventor : 1)STILGENBAUER Michael 2)KANOFFSKY Nico
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an exhaust-gas turbocharger (1) having a turbine (2) which is provided with a variable turbine geometry (18) and/or a wastegate; and having an actuator (11) which is connected to the variable turbine geometry (18) and/or the wastegate via a coupling rod (14), wherein the coupling rod (14) is connected at its end re gions (21, 22) at one side to a pin of the actu ator (11) by means of a lock washer (25) and at the other side to a pin (33) of an adjusting shaft (5) of the variable turbine geometry (18) and/or of the wastegate by means of a lock washer (26), wherein the lock washers (25, 26) are integrated in the coupling rod (14).

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

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

 (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 	:PCT/US2012/049246 :02/08/2012 :WO 2013/022683 :NA :NA	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A. (72)Name of Inventor : 1)RAMB Thomas 2)KANOFFSKY Nico
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(57) Abstract :

The present invention relates to an exhaust-gas turbocharger (1) having a turbine (2) which is provided with a variable turbine geometry (18) and/or a wastegate; and having an actuator (11) which is connected to the vari able turbine geometry (18) and/or the wastegate via a coupling rod (14; 14; 14), wherein the coupling rod (14; 14) is connected at its end re gions (21, 22) at one side to the actuator (11) and at the other side to a pin (19) of an adjust ing shaft arrangement (23; 26) of the variable turbine geometry (18) and/or of the wastegate, wherein the pin (19) of the adjusting shaft ar rangement (23; 26) is in the form of a bayonet pin, and wherein that end region (22) of the coupling rod (14) which interacts with the pin (19) is in the form of a bayonet receptacle (24; 27) which is matched to the bayonet pin (19).

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

(21) Application No.11318/DELNP/2013 A

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A MICROORGANISM FOR METHIONINE PRODUCTION WITH ENHANCED GLUCOSE IMPORT

	:C12P13/12,C12N9/12,C12P13/00	
(31) Priority Document No	:61/502528	1)METABOLIC EXPLORER
(32) Priority Date	:29/06/2011	Address of Applicant : Biopole Clermont Limagne F 63360
(33) Name of priority country	:U.S.A.	Saint Beauzire France
(86) International Application	DCT/ED2012/0/2/74	(72)Name of Inventor :
No	:PCT/EP2012/062674	1)DISCHERT Wanda
Filing Date	:29/06/2012	2)FIGGE Rainer
(87) International Publication No	:WO 2013/001055	
(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 a recombinant microorganism for improved methionine production comprising modifications to produce methionine from glucose as main carbon source by fermentation, and modifications to improve glucose import, wherein the glucose import is improved by modifying the expression of at least one gene selected from ptsG, sgrT sgrS and dgsA. The invention is also related to a method for the fermentative production of methionne or methionine derivatives comprising the steps of: -culturing the recombinant microorganism as described above in an appropriate culture medium comprising a ferment - able source of carbon containing glucose and a source of sulphur, and -recovering methionine or methionine derivatives from the culture medium.

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

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PREMIUM PREP TABLE		
 (54) Title of the invention : PREMIUM PI (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 	:A47B37/00,F24F7/00 :61/492355 :01/06/2011 :U.S.A.	 (71)Name of Applicant : 1)THE DELFIELD COMPANY LLC Address of Applicant :980 South Isabella Road Mt. Pleasant MI 48858 U.S.A. (72)Name of Inventor : 1)MAJORDY Moe H. 2)SEISS Richard A.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The present disclosure provides an improved food preparation table. Cooled air is passed over the top of each food pan individually preventing the food from spoiling at high ambient temperatures. The sides of the food pans are also cooled at the same time.

No. of Pages : 17 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGNIN CONVERSION PROCESS

 (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 	PCT/US2012/042746 :15/06/2012 :WO 2012/174429 :NA :NA	 (71)Name of Applicant : BIOCHEMTEX S.p.A Address of Applicant :Strada Ribrocca 11 I 15057 Tortona (Alessandria) Italy (72)Name of Inventor : MURRAY Aaron RYBA Steven
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:15/06/2012 :WO 2012/174429 :NA :NA	

(57) Abstract :

This specification discloses a complete method to manufacture polyester articles from freshly harvested ligno-cellulosic biomass. The process steps include pretreating the biomass and the converting the lignin to one of several possible organic steams in a one step process by combining the lignin with water, hydrogen, and an elemental metal catalyst such as Raney Nickel at ³/₄ the specificied temperature and pressures to produce very specific products, separating the orgames, and then processing the organ - ics into polyester feedstocks and converting those feedstocks to polyester.

No. of Pages : 53 No. of Claims : 16

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RECORDING DISK DRIVE DEVICE AND RESIN COMPONENT THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 	:G11B25/04,C08L101/00,G11B21/02 :2011147750 :01/07/2011 :Japan	 (71)Name of Applicant : 1)NTN CORPORATION Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan (72)Name of Inventor : 1)NODA With the second se
country (86) International Application No Filing Date (87) International Publication No	:PCT/JP2012/066656 :29/06/2012 :WO 2013/005664	1)NODA Hiroyuki 2)NIWA Hiroshi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

Provided are a resin component used inside a recording disk drive device having superior fire retardancy while the generation of outgas is reduced and a recording disk drive device using the resin component having high reliability. A resin component used inside a recording disk drive device (1) is an insulating bushing for protecting a lead wire from a motor (2) when the lead wire is connected to a circuit board a carriage (4) for having a weight balanced structure with a swing arm (3) which is integrally formed with a coil for driving the swing arm (3) having a pickup head (3a) provided at the tip thereof in order to read information from and write information to a recording disk (7) or a ramp (5) for receiving the pickup head (3a) while the recording disk is stopped. The resin component is a resin compact of an amorphous resin a crystalline resin or a liquid crystal resin and the outgas generated from the resin compact is no more than 30 ppm when measured by a prescribed method.

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

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM TO DETERMINE IF A VEHICLE IS CORRECTLY POSITIONED DURING WEIGHING A SCALE TICKET DATA SYSTEM AND METHODS FOR USING THE SAME

 (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 	:G01G19/02 :13/183719 :15/07/2011 :U.S.A. :PCT/US2012/046585 :13/07/2012 :WO 2013/012695 :NA :NA :NA :NA	 (71)Name of Applicant : 1)INTERNATIONAL PAPER COMPANY Address of Applicant :6400 Poplar Avenue Memphis TN 38197 U.S.A. (72)Name of Inventor : 1)SASSER Calvin S.
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(57) Abstract :

A vehicle weighing system for counting the 808 804 number of vehicle axles before and after weighing of an un VEHICLE WEIGHING SYSTEM loaded vehicle to determine if the unloaded vehicle is cor USER COMPUTER rectly positioned during weighing, as well as method for generating a scale ticket to record vehicle axle count data 812 from the vehicle weighing system. Also, a scale ticket data 820 system with a plurality of such scale tickets and a scale tick et electronic database which collects the scale tickets and identifies those scale tickets corresponding to unloaded and weighed vehicles which are correctly or incorrectly positioned during those scale tickets corresponding to unloaded and weighed vehicles 832 872 which are correctly or incorrectly positioned during weigh ing.

No. of Pages : 44 No. of Claims : 37

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(51) International classification :H02M7/5387,H02P27/08 (71)Name of Applicant : (31) Priority Document No :102011078842.5 **1)ROBERT BOSCH GMBH** (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :08/07/2011 (33) Name of priority country :Germany Germany (86) International Application No (72)Name of Inventor : :PCT/EP2012/063222 Filing Date **1)MEHRINGER Paul** :06/07/2012 (87) International Publication No :WO 2013/007623 **2)ROESNER Julian** (61) Patent of Addition to Application **3)MAGINI Fabio** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR ACTUATING A MULTI PHASE MACHINE

(57) Abstract :

The invention relates to a method for actuating a multi phase machine that is connected to a battery said machine having a DC link that is provided with a DC link capacitor phase windings and for each phase a high side switch and a low side switch. A control unit controls the switches associated with the individual phases in such a way that sinusoidal phase currents are pre defined that at least one phase current is activated at any point in each actuation cycle and that a fixed pulsed actuation model exists for each actuation cycle in which model the actuation widths of the actuation signals associated with the phases are constant. The actuation pulses that are associated with the individual phases are pre defined in such a way that the DC link current that occurs is minimised.

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

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENDLESS C.	ABLE WINCH	
 (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 	:B66D1/20 :10 2011 106 636.9 :04/07/2011 :Germany	 (71)Name of Applicant : 1)TRACTEL GREIFZUG GMBH Address of Applicant :Scheidtbachstrae 19 21 51469 Bergisch Gladbach Germany (72)Name of Inventor : 1)ROTTLAENDER Thomas 2)OTT Klaus Dieter 3)GSELL Juergen

(57) Abstract :

Disclosed is an endless cable winch, in particular for a service lift, in particular for wind power plants, having a working cable (28) and having a safety cable (16), having a driving cable pulley (58) around at least a part of which the working cable (28) is wrapped, having a drive for driving the driving cable pulley (58), and having a safety device for the safety cable (16), which safety device has a non-driven cable pulley (68), which is rotatably mounted in a housing (54) and around at least a part of which the safety cable (16) is wrapped, and also has an arresting device (31) which is coupled via a brake (71) to the cable pulley (68) and which blocks, and brakes the safety cable (16) by means of the brake (71), at a predetermined speed of the safety cable (16) at least in one direction.

No. of Pages : 22 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLUID MAN	IFOLD SYSTEMS	
 (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 	:B65B3/00 :61/506283 :11/07/2011 :U.S.A. :PCT/US2012/046095 :10/07/2012 :WO 2013/009765 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HYCLONE LABORATORIES INC. Address of Applicant :925 West 1800 South Logan UT 84321 U.S.A. (72)Name of Inventor : 1)GOODWIN Michael E. 2)LARSEN Jeremy K. 3)DRAPER Patrick L. 4)KNUDSEN Brandon M.

(57) Abstract :

A fluid manifold system includes a mamfold having at least portions of opposing flexible sheets welded together to form a fluid flow path therebetween, a fluid inlet communicating with the fluid flow path. A plurality of receiving containers are in fluid communication with the fluid flow path of the manifold, each receiving container bounding a compartment. The receiving containers can be formed integral with the mamfold by welding together a second portion of the opposing flexible sheets or can comprise separate containers that are coupled to the manifold.

No. of Pages : 61 No. of Claims : 39

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR PERFORMING MEASUREMENTS IN A WIRELESS NETWORK

(51) International classification	:H04W24/10	(71)Name of Applicant :
(31) Priority Document No	:61/499685	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:21/06/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/SE2012/050038	1)AXMON Joakim
Filing Date	:19/01/2012	2)KAZMI Muhammad
(87) International Publication No	:WO 2012/177203	3)SIOMINA Iana
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 (

(57) Abstract :

Embodiments herein relate to a user equipment, UE (1200), configured to performing measurements in a wireless o communication network. The UE acquires system information, SI, of a cell during autonomous gaps, and also performs at least one non-SI measurement related to a serving and/or to one or more neighbour cells during a time period comprising the autonomous gaps. The embodiments also relate to a serving network node (1300), a target network node (1400) and respective method therein.

No. of Pages : 74 No. of Claims : 40

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PROTECTING COMPUTING DEVICES FROM MALICIOUS CONTENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA	 (71)Name of Applicant : 1)HackaHolic IT Services Private Limited Address of Applicant :70, Gopal Katla, Near Jhule Lal Mandir, Bordi ke Kuwe ka Rasta, Gangori Bazar, Jaipur, (PIN : 302001) Rajasthan India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Vaibhav Agarwal
(61) Patent of Addition to Application Number	:NA	2)Raghav Pande
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for protecting a computing device from malicious content when the computing device is connected to a communication network, the computing device including a virtual memory and a hard disk drive, and executing one or more browser processes that have one or more program codes stored at one or more addresses of the virtual memory. The method includes injecting an antimalware payload into a browser process, using the anti-malware payload for scanning each thread of each browser process executing on the computing device, for determining one or more browser processes in which a malicious code is injected into corresponding program codes during communication with the communication network, and removing the malicious code from the one or more program codes of the one or more browser processes by overwriting corresponding malicious code with a corresponding original code.

No. of Pages : 29 No. of Claims : 11

(21) Application No.11195/DELNP/2013 A

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:13/174589	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:30/06/2011	Address of Applicant : P.O. Box 8102 Reno NV 89507 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/044716	1)GIGLIOTTI Samuel S.
Filing Date	:28/06/2012	2)TRAHAN Matthew L.
(87) International Publication No	:WO 2013/003634	3)JENKINS Jonathan A.
(61) Patent of Addition to Application	:NA	4)TAYLOR Brett R.
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11 ()		•

(54) Title of the invention : REMOTE BROWSING SESSION MANAGEMENT

(57) Abstract :

A browsing process is directed to the generation and management of a browse session at a network computing and storage provider, A client computing device requests a remote browse session instance at a network computing and storage provider. The browse session instance may correspond to requested network content. The network computing and storage provider determines o a browse configuration. The browse configuration may identify a communication protocol and various processing actions. The net - work computing and storage provider retrieves the requested content through an instantiated network browse session instance, and o performs a first set of processing actions to generate a processing result. The processing result may be provided to the client comput - ing device for display, including performing a second set of processing actions on the processing result at the client computing device.

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

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIQUID PHARMACEUTICAL COMPOSITION COMPRISING NITISINONE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K9/10,A61K31/122,A61P3/00 :11505856 :23/06/2011 :Sweden :PCT/SE2012/050681 :20/06/2012	 (71)Name of Applicant : 1)SWEDISH ORPHAN BIOVITRUM INTERNATIONAL AB Address of Applicant :S 112 76 Stockholm Sweden (72)Name of Inventor : 1)SVENSSON Lennart 2)SID‰N Hans
(87) International Publication No	:WO 2012/177214	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention concerns a liquid pharmaceutical formulation suitable for oral administration, comprising a suspension of an effective amount of micromzed 2-(2- nitro-4-trifluoromethylbenzoyl)-1,3-cyclohexanedione (nitisinone); and citric acid buffer having a pH in the range of 2.5 to 3.5. The formulation is useful in the treatment of disorders and diseases in which inhibition of 4-hydroxyphenylpyruvate dioxygenase (HPPD) is desirable, e.g. in hereditary tyrosinaemia type I.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION		(21) Application No.11199/DELNP/2013 A
(19) INDIA		
(22) Date of filing of Application :26/12/2	2013	(43) Publication Date : 02/01/2015
(54) Title of the invention : SYSTEMS M DEVICES USING DIFFERENT COMM		PARATUS FOR ENABLING COMMUNICATION BETWEEN
 (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 	:G06F15/177 :2011902569 :29/06/2011 :Australia :PCT/AU2012/000741 :25/06/2012 :WO 2013/000011 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FREESTYLE TECHNOLOGY PTY LTD Address of Applicant :Unit 1 Building A 18 24 Ricketts Road Mount Waverley Victoria 3149 Australia (72)Name of Inventor : 1)DONAGHEY Andrew Paul 2)LE BLANC David Victor Octave

(57) Abstract :

An integration system for enabling communication between service providers and end-devices, comprising at least one memory for storing data about end-devices and an interface for receiving communications from service providers intended for a o plurality of end-devices and retransmitting the communication to the plurality of end-devices. The plurality of end-devices being configured to communicate with two or more different service providers and the integration system is configured to translate the in coming communication from the service provider to the protocol corresponding to the end-device.

No. of Pages : 65 No. of Claims : 51

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A LIGHT WEIGHT PRE CAST, BI-AXIALLY RIBBED, FIBRE-REINFORCED CONCRETE PANEL FOR USE IN BUILDING AND ROAD CONSTRUCTION AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:E04B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MITRA MUKULESH
(32) Priority Date	:NA	Address of Applicant :B-3, SAHYADRI APARTMENTS 9-A,
(33) Name of priority country	:NA	INDRA PRASTHA EXTENSION DELHI-110092 Delhi India
(86) International Application No	:NA	2)MITRA GITA
Filing Date	:NA	3)MITRA DEBASMITA
(87) International Publication No	: NA	4)MITRA SUSMITA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MITRA MUKULESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to making of bi-axially stiffened membrane panels made of fibre-reinforced concrete to be used for construction of walls/roofs/floors of buildi1.1gs as also of roads and of other structural components needed for posttensioned segmental construction of various types of structures like bridges etc. The stiffeners of these panels are made generally taperless to keep their weight low even when they are very deep (say 6 1 Cm) The stiffeners can be given various shapes like I-sections and can be metal-encased also. For achieving such novel-shaped stiffenerqnew type of formworks made of a combination of steeVwood and thermocole is used. The thermocole portions are to be cut-away by knives for completion of demoulding. The membrane of the panel can be biaxially stiffened both in the front and the back sides, if necessary. The panels can be used in two or three layers sandwiched together to facilitate manually erected prefabrication of houses at high speeds using very light-weight , components. The invention also involves manufacturing of various types of claddings (which can be modular also)for the panels for achieving higher architectural flexibility of both the exteriors and interiors of the houses. Achieving safe construction using a much lower quantity of niaterials in order to reduce carbon foot-print of structures is the cardinal objective of this invention. This invention suggests for the first time in the history of Civil Engineering, the use of self-stressed fibre-reinforced concrete as a means for augmenting structural optimization.

No. of Pages : 44 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :27/12/2013

(54) Title of the invention : OPTICAL TRANSMISSION LINE

(43) Publication Date : 02/01/2015

(51) International classification	:G02B6/02,G02B6/036	(71)Name of Applicant :
(31) Priority Document No	:2011206526	1)SUMITOMO ELECTRIC INDUSTRIESLTD.
(32) Priority Date	:21/09/2011	Address of Applicant :5 33 Kitahama 4 chome Chuo ku Osak
(33) Name of priority country	:Japan	shi Osaka 5410041 Japan
(86) International Application No	:PCT/JP2012/073040	(72)Name of Inventor :
Filing Date	:10/09/2012	1)KONISHI Tatsuya
(87) International Publication No	:WO 2013/042568	2)NAKANISHI Tetsuya
(61) Patent of Addition to Application	:NA	3)HAYASHI Tetsuya
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(1

(57) Abstract :

There is provided an optical transmission line that includes a bend insensitive fiber 5 (BIF) defined by ITU-T Recommendation G.657 and that reduces the influence of MPI. An optical transmission line 1 includes a first optical fiber 11, a second optical fiber 12 joined to an incident end of the first optical fiber 11, and a third optical fiber 13 joined to an exit end of the first optical fiber 11. The first optical fiber 11 is a bend insensitive fiber (BIF), and each of the second optical fiber 12 and the third optical fiber 13 is a 10 general single mode optical fiber. An attenuation coefficient of an LPI 1 mode in the first optical fiber 11 at a wavelength of 1310 nm, a splice loss between the first optical fiber and the second optical fiber, a splice loss between the first optical fiber and the third optical fiber, and a length of the first optical fiber satisfy a predetermined relational equation.

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

(21) Application No.11261/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H04W8/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/CN2011/001320	1)CHEN Ping
Filing Date	:10/08/2011	2) DE GREGORIO RODRIGUEZ Jesus Angel
(87) International Publication No	:WO 2013/020249	3)RUIZ BALMASEDA Cristina
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : HSS FAULT RECOVERY FOR NON 3GPP ACCESS

(57) Abstract :

A method for restoring faulty subscriber related data in an Evolved Packet System (EPS) network including a Home Subscriber Server (HSS) and a 3GPP AAA server be characterized by comprising the following steps performed at the 3GPP AAA server: receiving an indicator from the HSS the indicator identifying one or more subscribers having the faulty subscriber related data stored in the HSS; and for an interaction with an access from a non 3GPP network if the access corresponding to one of the identified subscribers instructing the HSS to restore the faulty subscriber related data for one or all of the identified subscribers.

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

(22) Date of filing of Application :27/12/2013

(54) Title of the invention : SULFIDE SOLID ELECTROLYTE MATERIAL LITHIUM SOLID STATE BATTERY AND METHOD FOR PRODUCING SULFIDE SOLID ELECTROLYTE MATERIAL

(31) Priority Document No:2011150002Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471 8571 Japan(32) Priority Date (33) Name of priority country:06/07/2011(72)Name of Inventor : 1)OHTOMO Takamasa 2)KAWAMOTO Koji 3)HAMA Shigenori 4)KATO Yuki(86) International Application No Filing Date:PCT/IB2012/001203 :19/06/2012:JMA :NA :NA(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2013/005085:HMA :NA :NA(62) Divisional to Application Number Filing Date:NA :NA:NA :NA:NA :NA	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	:2011150002 :06/07/2011 :Japan :PCT/IB2012/001203 :19/06/2012 :WO 2013/005085 :NA :NA :NA	8571 Japan (72)Name of Inventor : 1)OHTOMO Takamasa 2)KAWAMOTO Koji 3)HAMA Shigenori
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(57) Abstract :

A sulfide solid electrolyte material con tains glass ceramics that contains Li, A, X, and S, and has F IG. 5 peaks at $2Q = 20.2^{\circ}$ and 23.6° in X-ray diffraction meas urement with CuKa line. A is at least one kind of P, Si, Ge, Al, and B, and X is a halogen. A method for produ cing a sulfide solid electrolyte material includes amorph- 1x 1 COMPARATIVE izing a raw material composition containing Li2S, a sulf EXAMPLE 2 EXAMPLE 8 ide of A, and LiX to synthesize sulfide glass, and heating the sulfide glass at a heat treatment temperature equal to or more than a crystallization temperature thereof to syn 1 x 10 3 thesize glass ceramics having peaks at $2Q = 20.2^{\circ}$ and 23.6° in X-ray diffraction measurement with CuKa line, in which a ratio of the LiX contained in the raw material composition and the heat treatment temperature are con trolled to obtain the glass ceramics.

No. of Pages : 38 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) The of the Invention . DATA LOCK	EK STREIKORIZATI	
(51) International classification	:G06F7/04	(71)Name of Applicant :
(31) Priority Document No	:13/172052	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:29/06/2011	Address of Applicant : P.O. Box 8102 Reno NV 89507 U.S.A
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/044586	1)EVANS Ethan Z.
Filing Date	:28/06/2012	2)FRAZZINI Michael Anthony
(87) International Publication No	:WO 2013/003556	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DATA LOCKER SYNCHRONIZATION

(57) Abstract :

Disclosed are various embodiments enabling a saved state of an application to be stored at a central location and to be retrieved by multiple computing devices executing the application. Accordingly, saved states of applications and inter faces are also enabled to follow a user from one personal com puting device to the next.

No. of Pages : 73 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A JOB PORTAL WITH ASSEMSMENT SCORES

 (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 	:NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)VARUN AGGARWAL Address of Applicant :323, UDYOG VIHAR, PHASE-2, GURGAON, HARYANA. Haryana India (72)Name of Inventor : 1)VARUN AGGARWAL 2)HIMANSHU AGGARWAL
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	2)HIMANSHU AGGARWAL
Filing Date	:NA	

(57) Abstract :

A system and computer implemented method for candidate screening using an online interface is provided. The method includes steps for providing assessment modules and receiving candidate responses for the assessment modules, and generating a job attribute score for each assessment module, where each assessment module has at least one assessment attribute and a job attribute score generator. Candidate inputs are received for resume attributes as well. Next a tagged candidate profile is generated by tagging the job attribute score and the resume attribute for each candidate. This tagged candidate profile is then matched with a job requirement to generate a list of short listed candidates. Alternately, the tagged candidate profile is matched with system generated job profiles and a list of suitable jobs based on the tagged candidate profile for a candidate are generated.

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

(21) Application No.11121/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(51) International classification :G08B13/24,E05B73/00 (71)Name of Applicant : (31) Priority Document No 1)TYCO FIRE & SECURITY GMBH :13/167211 (32) Priority Date :23/06/2011 Address of Applicant : Victor Von Bruns Strasse 21 CH 8212 (33) Name of priority country Neuhausen Am Rheinfall Switzerland :U.S.A. (86) International Application No :PCT/US2012/043120 (72)Name of Inventor : Filing Date 1)LIAN Ming Ren :19/06/2012 (87) International Publication No 2)STEWART Justin :WO 2012/177621 (61) Patent of Addition to Application **3)PATTERSON Hubert A.** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : SECURITY SYSTEM TAG MAGNETIC CLUTCH AND METHOD

(57) Abstract :

A tag having a magnetic clamp for use in securing an item in order to prevent the unauthorized removal of the item from, for example, a retail store. The magnetic tag includes an attachment element that secures the item to the tag. A clamp having a locking region secures the attach ment element such that the item cannot be separated from the tag. A keyed magnetic element on the clamp includes one or more hard magnets, where each hard magnet has . either an outward-facing north or south po larity. By applying a magnetic force to the S N magnets, the locking region moves away from the attachment element thus allowing the item to be removed from the tag. The ar 29 3 1 rangement of magnets to disengage the clamp from the attachment element to al FIG. 1 low removal of the tag from the item.

No. of Pages : 28 No. of Claims : 20

(21) Application No.11122/DELNP/2013 A

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD OF TREATING VISION DISORDERS

 (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 	:C07K16/22,A61P27/02 :61/490774 :27/05/2011 :U.S.A. :PCT/US2012/036425 :04/05/2012 :WO 2012/166287 :NA :NA :NA :NA	 (71)Name of Applicant : NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland VITAL ART AND SCIENCE INCORPORATED (72)Name of Inventor : SMITH Craig WANG Yi Zhong BARTLETT Michael B.
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(57) Abstract :

(19) INDIA

This invention is in the field of the treatment of eye disorders. In particular it relates to the use of a remote monitoring system for determining patient response to therapeutic treatment in particular with VEGF antagonists.

No. of Pages : 17 No. of Claims : 29

(21) Application No.11123/DELNP/2013 A

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

 (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 	:G06Q30/06,G07G1/14 :13/168466 :24/06/2011 :U.S.A. :PCT/US2012/043703 :22/06/2012 :WO 2012/177974 :NA :NA	 (71)Name of Applicant : 1)TYCO FIRE & SECURITY GmbH Address of Applicant :Victor von Bruns Strasse 21 8212 Neuhausen am Rheinfall Switzerland (72)Name of Inventor : 1)RELIHAN Timothy J. 2)WAGNER Jeffrey Paul 3)RASBAND Paul Brent
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ELECTRONIC PRICE LABEL SYSTEM AND METHOD

(57) Abstract :

A product display system and method. A database stores product information for a corresponding product. An access point which can be a reader receives the product information. The access point is arranged to wirelessly transmit the product information within a corresponding interrogation zone. The wireless transmission uses an electronic product code (EPC) transmission protocol. An electronic price label (EPL) has an antenna an RFID element and a display. The antenna is arranged to receive the product information from the access point. The RFID element is in communication with the antenna. The RFID element stores the received product information. The display is arranged to display the received product information.

No. of Pages : 29 No. of Claims : 20

(21) Application No.11124/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TREATMENT WITH ANTI PCSK9 ANTIBODIES

 (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 	:61/507865 :14/07/2011 :U.S.A. :PCT/IB2012/053534 :10/07/2012 :WO 2013/008185 :NA :NA	 (71)Name of Applicant : 1)PFIZER INC. Address of Applicant :235 East 42nd Street New York New York 10017 U.S.A. (72)Name of Inventor : 1)UDATA Chandrasekhar
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(57) Abstract :

The present invention concerns dosages for the treatment of human patients susceptible to or diagnosed with a disorder characterized by marked elevations of low density lipoprotein particles in the plasma with a PCSK9 antagonist antibody alone or in combination with a statin.

No. of Pages : 97 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BIOMARKE	RS FOR LUNG CANCEI	R
 (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 	:C12Q1/68 :61/490021 :25/05/2011 :U.S.A. :PCT/EP2012/059784 :24/05/2012 :WO 2012/160177 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)MISSIAGLIA Edoardo 2)WIRAPATI Pratyaksha 3)ROSSI Simona 4)KROLL Werner

(57) Abstract :

The present invention relates, in part, to methods for determining a prognosis of early stage lung cancer in an indi - vidual using one or more biomarkers.

No. of Pages : 58 No. of Claims : 35

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : REDUCED GRAPHENE OXIDE-SILVER PHOSPHATE (RGO-AGP) AND A PROCESS FOR THE PREPARATION THEREOF FOR THE PHOTODEGRADATION OF ORGANIC DYES

(51) International classification	:B01J37/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DIPTI PRAKASINI DAS
(61) Patent of Addition to Application Number	:NA	2)ALAKA SAMAL
Filing Date	:NA	3)JASOBANTA DAS
(62) Divisional to Application Number	:NA	4)AJIT DASH
Filing Date	:NA	

(57) Abstract :

Solar radiation accounts for 5% of UV and 43% of visible radiation which has not yet been exploited. So, the development of visible light driven photocatalyst has become one of the most challenging topics today which can address the problems recombination of charge carriers during light illumination and the problems of electron transport to the substrate in experimental point of view and practically it can resolve the enery and environmental problems. AgP having band gap energy 2.1 eV is reported to be a visible light semiconductor. But, the main drawback with this material is that it undergoes photocorrosion during light illumination and it has very low adsorptive capacity. So, we have thought of coupling RGO with AgP in a very novel one-pot photo-reduction technique in presence of a sacrificial agent like dry ethanol. The dirty green semiconducting material thus collected was tested towards adosoptive photodegradation of textile dyes. The results showed that 4 wt.% RGO-AgP can degrade 100, 76, 98.57, 67.88, 69.92% of RhB, Rh6G, MB, CR and MO, respectively within only 05 min under VISL illumination over 1.5 g/L of catalyst.

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

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND BIOMARKERS FOR THE DETECTION OF DENGUE HEMORRHAGIC FEVER

		(71)Name of Applicant : 1)THE BOARD OF REGENTS OF THE UNIVERSITY OF
(51) International classification	:C12Q1/70	TEXAS SYSTEM
(31) Priority Document No	:61/493923	Address of Applicant :201 West 7th Street Austin TX 78701
(32) Priority Date	:06/06/2011	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2012/041131	1)BRASIER Allan
Filing Date	:06/06/2012	2)RECINOS Adrian
(87) International Publication No	:WO 2012/170556	3)WIKTOROWICZ John E.
(61) Patent of Addition to Application	:NA	4)SPRATT Heidi
Number	:NA	5)JU Hyunsu
Filing Date	.NA	6)VASILAKIS Nikos
(62) Divisional to Application Number	:NA	7)MARQUES Ernesto E. T.
Filing Date	:NA	8)TENORIO Marli
		9)GIL Laura H. V. G.
		10)NASCIMENTO Eduardo

(57) Abstract :

The present invention provides compositions and methods for detecting, analyzing, and identifying biomolecules used to diagnose patient with risk of DHF. More particularly, the invention provides plasma biomarkers including complement factor D to complement factor H (FactorD/FactorH) ratio and levels of one or more of IL2, desmoplakin, and high molecular weight albumin, which are used to detect risk of developing DHF.

No. of Pages : 56 No. of Claims : 10

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MULTI BEAM MULTI RADIO ANTENNA (51) International classification :H01Q1/24,H01Q3/26,H01Q25/00 (71)Name of Applicant : (31) Priority Document No :2011/04180 1)FOURIE Andries Petrus Cronje (32) Priority Date :06/06/2011 Address of Applicant :24 Kilkenny Road Parkview 2193 (33) Name of priority country :South Africa Johannesburg South Africa (86) International Application (72)Name of Inventor : :PCT/IB2012/052849 **1)FOURIE Andries Petrus Cronje** No :06/06/2012 Filing Date (87) International Publication :WO 2012/168878 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

An antenna system (10) comprises a transmitter part (12) comprising n inputs (40.1 to 40. n) to the antenna system, a transmitter part antenna array 18 comprising k radiating elements; a respective beam-forming network (20. 1 to 20. n) connected to each of the n inputs with each beamforming network having a plurality of outputs; and k signal combiners (22. 1 to 22. k) each having a plurality of inputs and a respective output. Each out put of each beam-forming network is connected to a respective input of each of the signal combiners and the output of each signal combiner is connected via an output stage to a respective one of the k radiating elements. The beamforming networks are configured such that each of the transmitter part inputs is associated with a respective transmitter part beam (24. 1 to 24. n) having a respective beam-width.

No. of Pages : 31 No. of Claims : 14

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AIR ENTRAINMENT IN CEMENT MORTARS BY COLLOIDAL GAS APHRONS (CGA) FOR MANUFACTURE OF AERATED

(31) Priority Document No:N(32) Priority Date:N(33) Name of priority country:N(33) Name of priority country:N(86) International Application No:NFiling Date:N(87) International Publication No: N(61) Patent of Addition to Application Number:NFiling Date:N(62) Divisional to Application Number:N	C09K8/00(71)Name of Applicant :NA1)INDIAN INSTITUTE OF TECHNOLOGY DELHINAAddress of Applicant :HAUZ KHAS, NEW DELHI 110016NADelhi IndiaNA(72)Name of Inventor :NA1)BHASKARWAR, ASHOK NIWRITTINA2)TIWARY, Narendra KumarNANANANANANA
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(57) Abstract :

The present disclosure relates to a composition comprising a solid constituent; and an air entraining agent in a ratio of weight/volume of 10:1 to1:1, wherein the air entraining agent is colloidal gas aphrons (CGA), comprising water and a surfactant selected from the group consisting of sodium lauryl sulphate, sodium dodecyl benzene sulfonate, sodium oleyl sulfate, nonylphenolethoxylate, sodium olenate and mixtures thereof. The present disclosure further relates to a process for producing aerated concrete.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : QTLS FOR MILK YIELD IN BUFFALOES (71)Name of Applicant : :A01J5/00 (51) International classification 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (31) Priority Document No :NA (ICAR) (32) Priority Date :NA Address of Applicant : INDIAN COUNCIL OF (33) Name of priority country :NA AGRICULTURAL RESEARCH KRISHI BHAVAN, DR. (86) International Application No :NA RAJENDRA PRASAD ROAD, NEW DELHI-110114. INDIA. Filing Date :NA Delhi India (87) International Publication No : NA (72)Name of Inventor: (61) Patent of Addition to Application Number :NA **1)VIJH RAMESH KUMAR** Filing Date :NA 2)BANERJEE PRIYANKA (62) Divisional to Application Number :NA **3)JOSHI JYOTI** Filing Date :NA **4)SHARMA UPASNA**

(57) Abstract :

The present invention relates to identification of QTL for milk yield in buffalo (Bubalus bubalis) using microsatellite markers. A core set of 20 microsatellite markers from BTA6 (BBU7) and BTA9 (BBU10) from cattle genome database were identified and were amplifiable in buffaloes. Genotyping was done on a reference population by selection of daughters of 12 sires (half sib family) of buffaloes; the bulls were selected from the breed tract of Murrah buffaloes. The phenotypic records of milk yield of 1243 buffalos were obtained and verified for normal distribution. The data was subjected to analysis using single marker analysis using QTL Cartographer, interval mapping using Rlqtl and meta-QTL analysis using Biomercator. The QTL positions obtained in BBU7 were between 40-60 and 80-100cM. The QTL peak positions were identified between 40 - 60cM and 80 -100cM in BBU10. The peak positions were confirmed by meta-analysis using Biomercator and Joint trait analysis using QTL Cartographer.

No. of Pages : 27 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RZ OPTICAL MODULATOR AND RZ OPTICAL MODULATING METHOD (51) International classification :G02F1/01 (71)Name of Applicant : (31) Priority Document No :2011147562 **1)NEC CORPORATION** (32) Priority Date Address of Applicant :7 1Shiba 5 chomeMinato ku Tokyo :01/07/2011 (33) Name of priority country 1088001 Japan :Japan (86) International Application No :PCT/JP2012/066460 (72)Name of Inventor : Filing Date 1)SUZUKIKouichi :21/06/2012 (87) International Publication No :WO 2013/005623 2)MORIEMasao (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

In order to improve the quality of a modulated transmission signal in an optical transmission system that uses RZ encoding this RZ modulator is provided with: an RZ curver; a polarization adjustment means that increases the polarization extinction ratio for optical pulse trains output by the RZ curver; and an optical modulation means that modulates and outputs the optical pulse trains output by the polarization adjustment means.

No. of Pages : 25 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMMUNICATION SYSTEM WITH EXTENSION CARRIER

(51) International classification	:H04W24/10,H04W36/02,H04L5/00	(71)Name of Applicant : 1)NEC Corporation
(31) Priority Document No	:1111374.3	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(32) Priority Date	:04/07/2011	1088001 Japan
(33) Name of priority country	y:U.K.	(72)Name of Inventor :
(86) International Application No	:PCT/JP2012/067412 :02/07/2012	1)SHARMA Vivek 2)AWAD Yassin Aden
Filing Date (87) International Publication No	^h :WO 2013/005855	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A communication system is presented in which a base station operates a first cell using a first component carrier and o a second cell using a second component carrier. A control channel and reference signals of a first type are provided using the first component carrier. The control channel and the reference signals of the first type are not provided, and reference signals of a second o type are provided, using the second component carrier. The base station determines from results of measurements performed on reference signals of the second type whether or not the mobile communication device is within an area covered by said second cell and, if it is, transmits cell configuration information to the mobile communication device.

No. of Pages : 38 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

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

(32) Priority Date:NA RESEARCH (33) Name of priority country:NAAddress of Applicant	ENTIFIC & INDUSTRIAL t :ANUSANDHAN BHAWAN, RAFI 10001, INDIA Delhi India AS
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(57) Abstract :

The present patent discloses an atom-efficient, liquid-phase, alkali-free, room temperature process for the preparation of tetrahydrofuran in practically quantitative yield by hydrogenation of furan with hydrogen in presence of a supported Pd catalyst.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR PRODUCING FURAN		
 (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 		 (71)Name of Applicant : (71)Name of Applicant :

(57) Abstract :

An efficient, hydrogen gas-free, high yielding, moderate temperature and safe-tohandle process for producing furan and i t s derivatives from furfural, which comprises contacting furfural and water-isopropanol mixture wth a supported Pd or Pt catalyst at a temperature in the range of 200 - 250 C, i s reported.

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

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHTING CONTROL UNIT FOR INTERMEDIATE JET TRAINER AIRCRAFT FOR MILITARY AND CIVIL AVIATION.

(57) Abstract :

Lighting Control Unit for Intermediate Jet Trainer Aircraft Lighting Control Unit has been designed for independent control of Integral and Floodlights illumination levels of the different types of lighting loads in the cockpit as well as panel lights of different instrument mounted inside the cockpit, and will be interfaced with Multi Channel Dimmer. This unit has Multiple outputs, giving controlled voltage outputs & has been designed for controlling the different types of lighting loads. During night flying, the cockpit instruments should be visible and readable to the Pilots. For this purpose, every instrument onboard has a provision for Integral lighting. These integral lighting shall be controlled for illumination / brightness by the Pilot whenever required. The Lighting Control Unit controls the light illumination I brightness of lighting loads of aircraft cockpit.

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

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MULTI CHANNEL DIMMER UNIT FOR INTERMEDIATE JET TRAINER FOR MILITARY AND CIVIL AVIATION.

(57) Abstract :

This Dimmer is Multichannel, giving controlled voltage outputs & has been designed for controlling the different types of lighting loads in the cockpit as well as panel lights of different instrument mounted inside the cockpit, and will be interfaced with Lighting Control Unit. During night flying, the cockpit instruments should be visible and readable to the Pilots. For this purpose, every instrument onboard has a provision for Integral lighting. These integral lighting shall be powered externally and controlled for illumination / brightness by the Pilot whenever required. There is also requirement for Floodlights, which will illuminate the Cockpit panels for easy identification of switches and legends on it. The Multi Channel Solid State Dimmer controls the light illumination 1 brightness of lighting loads of aircraft cockpit.

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

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYNTHESIS OF BIOCOMPATIBLE TWO TAILED DENDRITIC COPOLYMERS

 (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Name of priority country (35) International Application No (36) International Application No (37) International Publication No (38) International Publication No (30) NA (31) Name of priority country (32) NA (33) Name of priority country (34) NA (35) Name of priority country (36) International Application No (37) International Publication No (38) NA (39) Name of Inventor : (30) NA (30) NA (31) Name of Inventor : (32) NAGANATHA GANAPATARAO PATIL (32) NAGANATHA GANAPATARAO PATIL (33) Name of Inventor : (34) NA (35) NA (36) Divisional to Application Number (36) Divisional to Application Number (36) NA (37) NA (38) NA (39) NA (30) NA (31) NA (32) NAGANATHA GANAPATARAO PATIL (32) NAGANATHA GANAPATARAO PATIL (33) NA (34) NA (35) NA (35) NA (36) Divisional to Application Number (36) NA (37) NA (38) NA (38) NA (39) NA (39) NA (31) NA (31) NA (32) NAGANATHA GANAPATARAO PATIL (32) NA (32) NA (33) NA (34) NA (35) NA (35) NA (36) NA (37) NA (37) NA (38) NA (38) NA (39) NA (31) NA (32) NA (32) NA 	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA :NA : NA :NA :NA	MARG, NEW DELHI - 110001, INDIA. Delhi India (72)Name of Inventor : 1)ASHOOTOSH VASANT AMBADE
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(57) Abstract :

Disclosed herein novel mltifunctional.b iocompatible, amphiphilic, linear-dendritic hybrid copoljmer, conposition comprising dendrons of substituted pol!-amidoarnines (PAMAM) andlor bismethyl01 propionic acid (bis-MPA)-based polyesters and at least two biocompatible polymer chains attached through triazole lmkages, having formula-I and formula-I1 respectively. Further the invention probides process for synthesis of said biocompatible lineardendritic hybrid copolymers

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

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MANOMETRIC MODULE OF JAGUAR AIRCRAFT

(51) International classification	:G01P5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASERDC, HAL, ACCESSORIES DIVISION LUCKNOW
(32) Priority Date	:NA	Address of Applicant :DGM(EQUIPMENT) ASERDC
(33) Name of priority country	:NA	ACCESSORIES DIVISION, FAIZABAD ROAD, LUCKNOW-
(86) International Application No	:NA	226016, U.P, INDIA. Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)UMAKANT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Pressure changes with changes in altitude and differential pressure changes with aircraft speed. Solid state absolute and differential type of pressure transducers are therefore used to give analog output voltages corresponding to a particular altitude and speed of aircraft. The unit uses piezo-resistive absolute and differential pressure transducers to give electrical outputs proportional to static and dynamic pressure of Pitot-static system as a measure of aircraft altitude and speed. M, (Umakant)

No. of Pages : 3 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : REAL TIME TRACTION ENHANCEMENT (RTTE) TECHNOLOGY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:G06T5/00 :NA :NA :NA	 (71)Name of Applicant : 1)HARRIT DIWAN Address of Applicant :HARRIT DIWAN A-41, CHANDER NAGAR, JANAKPURI, NEW DELHI - 110058 Delhi India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)HARRIT DIWAN
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	2)AKSHAY KUMAR KHANDELWAL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

When a car encounters a bump of frequency near to that of natural frequency of its unsprung mass, resonance condition occurs and the tires vibrate with a high amplitude due to this phenomena. There is a lot of traction loss and ultimately acceleration loss of car is there after such a bump. We have developed a system which can in real time avoid this loss of traction and acceleration by sensing such bumps. The system senses the frequency of the bump through the travel of the front suspension and with the help of a microcontroller the damping coefficient of the rear shock absorbers is increased if the frequency is close to the natural frequency of the unsprung mass.

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

(19) INDIA

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:C12Q1/68	(71)Name of Applicant :
(31) Priority Document No	:PI2011003339	1)ACGT INTELLECTUAL LIMITED
(32) Priority Date	:15/07/2011	Address of Applicant : Craigmuir Chambers Road Town
(33) Name of priority country	:Malaysia	Tortola VIRGIN ISLANDS
(86) International Application No	:PCT/MY2011/000212	(72)Name of Inventor :
Filing Date	:30/09/2011	1)CHEAH Suan Choo
(87) International Publication No	:WO 2013/012308	2)YONG Sock Hwa
(61) Patent of Addition to Application	:NA	3)LEE Weng Wah
Number	:NA	4)YAP Soon Joo
Filing Date	.INA	5)POH Yang Ming
(62) Divisional to Application Number	:NA	6)LEE Ying Wah
Filing Date	:NA	

(54) Title of the invention : SSR MARKERS FOR PLANTS AND USES THEREOF

(57) Abstract :

Jatropha curcasSimple sequence repeat (SSR) markers identified in and useful for the molecular genotyping of plants. are described. These markers may be used for identifying allele polymorphisms identifying identical or related plants differentiating plants and studying genetic diversity in a population. The markers may also be used in genetic and phenotype studies using statistical methods for example linkage analysis association mapping linkage disequilibrium and the like. The information may be used for breeding and/or selection of plants.

No. of Pages : 42 No. of Claims : 19

(19) INDIA(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SINGLE SOLENOID ELECTRO SELECTOR FOR LIGHT COMBAT AIRCRAFT (LCA)

(51) International classification	:B64D 37/00	(71)Name of Applicant : 1)ASERDC, HAL, ACCESSORIES DIVISION LUCKNOW
(31) Priority Document No	:NA	Address of Applicant :DGM(EQUIPMENTS) ASERDC
(32) Priority Date	:NA	ACCESSORIES DIVISION, FAIZABAD ROAD, LUCKNOW-
(33) Name of priority country	:NA	226016, U.P., INDIA. Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHOOPENDRA 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 :

This device relates to Electro Selector Valve with application of supplying pressurized hydraulic fluid to operate Hydraulic Motor Driven Generator (HMDG) in emergency when there is power failure in aircraft. It is a solenoid operated 2 positions, 3 ways Electro Selector Valve. It has 3 ways that is Pressure port connected to hydraulic power source of the aircraft, Return port which returns hydraulic oil to Reservoir of the unit and service port which supplies oil to HMDG. This valve has two positions each corresponding to de-energize condition (when there is no command for Solenoid) and energized condition (when there is command for Solenoid). In first position, at single stage, a steel ball, pushed under pressure, is seated on the return seat and allows pressure to control chamber of 2nd stage which keeps the slide valve in a position that isolates pressure port and Service port is connected to Return port. In second position, when solenoid is energized, at 1st stage, its plunger pushes the ball on to the pressure seat and connects the control chamber (in second stage) to return line and which in turn pushes the slide valve to a position when Pressure port is connected to service port and isolates the return port. A diode mounted on PCB subassembly, connected between solenoid pin and electrical connector suppresses the transient spikes encountered during switching ON the electrical supply for energizing of Solenoid. A Non Return Valve fitted on pressure port, prevents back flow of the fluid.

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

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NON RETURN VALVE - 63 MM FOR LIGHT COMBAT AIRCRAFT (LCA)

(51) International classification	·F41G3/00	(71)Name of Applicant :
	:NA	1)ASERDC, HAL, ACCESSORIES DIVISION LUCKNOW
· · · ·		
	:NA	Address of Applicant :DGM (EQUIPMENTS) ASERDC
(33) Name of priority country	:NA	ACCESSORIES DIVISION, FAIZABAD ROAD, LUCKNOW-
(86) International Application No	:NA	226016, U.P, INDIA. Uttar Pradesh India
8	:NA	(72)Name of Inventor :
(-,)	: NA	1)P K JENA
(61) Patent of Addition to Application Number	:NA	
	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a label equipped with a function for absorbing carbon dioxide, a printing paper top layer formation material, an information-bearing medium, a solid fuel, a wristband clip, and a carbon dioxide reduction method using the same. Provided are a label (101, 120, 130, 140) t o which a novel carbon dioxide absorbent is added, a printing paper top layer formation material (201, 246, 2661, an information-bearing medium (301, 330, 350, 3601, a solid fuel (401), and a wristband clip (510). Further provided is a carbon dioxide reduction method for absorbing carbon dioxide by burning the same.

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

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOSE UNDERCARRIAGE DOOR JACK FOR LIGHT COMBAT AIRCRAFT (LCA)

 (86) International Application No Filing Date (87) International Publication No (87) International Publication No (87) International Publication Number Filing Date (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (87) International Publication Number (87) International Publication	 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA :NA :NA :NA :NA	(72)Name of Inventor : 1)G C S NEGI
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(57) Abstract :

This device relates to hydraulic jack with application of opening and closing of Nose Undercarriage Door of Military Aircraft. It has two main sub assemblies i.e Cylinder Sub Assembly and Micro switch Sub Assembly. Cylinder Sub Assembly consists of Piston, Eye end and Gland Sub Assembly (at Fork End Side) in which eye end provides attachment to the fixed structure on aircraft through Spherical plain Bearings to cater for any misalignment while operation and fork end Sub Assembly provides attachment to the movable undercarriage door. The Micro switch Sub Assembly consists of Spring housing, Switch housing, Rocker, Lever, Spring and other parts & connected with cable harness which mounted further on to the cylinder sub assembly to provide three independent signals for extended position of jack to indicate completion of opening of Nose Undercarriage door as well as to facilitate the sequencing of lowering of Nose Undercarriage of Aircraft.

No. of Pages : 6 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SOLAR PLANT

(57) Abstract :

The invention enables the transformation of solar energy using the majority of the solar spectrum with a very efficient yield. The invention comprises at least one solar collector (11) that comprises a Z J \Box focal point and is suitable for collecting solar radiation and concentrating it in the focal 1 15 point; a solar liser device (10) for transforming the radiation received from the focal points into liser radiation; and a receiver (1) and/or a solar reactor (21) suitable for receiving the radiation from the liser device (10) and transforming it into another type of energy. The invention can comprise flexible light guides (8) or fat mirrors (26) for transporting the radiation received from the liser device to the solar reactor (21) and/or the receiver (1). It can also comprise photovoltaic cells (18) inserted between the collectors and 1 the liser devices for transforming the 00 concentrated radiation of the focal points into o 5 electricity and letting through the radiation o that they do not transform to the liser devices.

No. of Pages : 33 No. of Claims : 28

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A BOMB FOR DEPLOYMENT FROM AN AIR VEHICLE

(31) Priority Document No:111099(32) Priority Date:28/06/2(33) Name of priority country:U.K.(86) International Application	/2011 GB2012/000552 /2012	 (71)Name of Applicant : 1)MBDA UK LIMITED Address of Applicant :Six Hills Way Stevenage Hertfordshire SG1 2DA U.K. (72)Name of Inventor : 1)IRVINE Rodney Andrew
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(57) Abstract :

A bomb for deployment from an air vehicle includes a rocket motor (1) for propelling the bomb. The rocket motor in o cludes propellant (5) which at least partially defines a void (11) downstream of an initial burning surface. As the propellant (5) is burned the void 11 will be exposed, increasing the surface area of the burning surface (9) of the propellant (5) to increase the thrust of the rocket motor.

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

(22) Date of filing of Application :23/04/2012

(54) Title of the invention : TARGETED DRUG DELIVERY FOR CARCINOMA USING SILYMARIN-DRUG CONJUGATES

(51) International classification(31) Priority Document No(32) Priority Date	:A61K 47/00 :NA :NA	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DEEPSHIKHA PANDE KATARE
Filing Date	:NA	2)JOHN E MOSES
(87) International Publication No	:NA	3)S.K. JAIN
(61) Patent of Addition to Application Number	:NA	4)HARSHA KHARKWAL
Filing Date	:NA	5)PALLAVI SHARMA
(62) Divisional to Application Number	:NA	6)KUMUD BALA
Filing Date	:NA	7)D.D. JOSHI

(57) Abstract :

The present invention relates to the target drug delivery system using silymarin-drug conjugates for liver hepatocytes as anti-cancer agents. The present invention also relates to the development of conjugate silibinin to a number of known anticancer agents (such as curcummin, sarofanib, taxol etc.) by a linker which, in principle, should be delivered selectively to liver cells via the silibinin complex. The linker could either be permanent that requires the drug-silibinin conjugate to act as a delivery vector and active drug or, that the linker is cleaved once inside the cell, thus releasing the active drug and silibinin (silibinin itself is a potential cancer drug). This novel anti-cancer conjugates prepared by click chemistry which proves to be more effective treating liver carcinoma and prepared with a formulation which can control bioavailability of the drug increases the potency of the treatment.

No. of Pages : 30 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54)) Title o	of the	invention .	Δ	FAN	ASSEMBLY
(34) 1 me o	n the	invention.	A	ΓAIN	ASSEMIDL I

 (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 	:26/06/2012	 (71)Name of Applicant : 1)DYSON TECHNOLOGY LIMITED Address of Applicant : Tetbury Hill Malmesbury Wiltshire SN16 0RP U.K. (72)Name of Inventor : 1)STANIFORTH Mark 2)PULLEN Jude
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fan assembly includes a nozzle and a body on which the nozzle is mounted. The nozzle has a rear section having at least one first air inlet at least one first air outlet and a first interior passage for conveying air from said at least one first air inlet to said at least one first air outlet; and a front section having at least one second air inlet at least one second air outlet and a second interior passage which is isolated from the first interior passage for conveying air from said at least one second air inlet to said at least one second air outlet. The sections of the nozzle defining a bore through which air from outside the fan assembly is drawn by air emitted from the nozzle. The body includes flow generating means for generating a first air flow through the first interior passage and a second air flow through the second interior passage and means for changing one of the temperature humidity and electrical charge of the second air flow before it enters the second interior passage.

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

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

METHOD FOR SUCH A MEASURING DEVICE (51) International classification :G01C1/04,G06F3/01 (71)Name of Applicant : (31) Priority Document No 1)LEICA GEOSYSTEMS AG :11175257.2 (32) Priority Date :25/07/2011 Address of Applicant : Heinrich Wild Strasse CH 9435 (33) Name of priority country :EPO Heerbrugg Switzerland (86) International Application No (72)Name of Inventor : :PCT/EP2012/064307 Filing Date 1)METZLER Bernhard :20/07/2012 (87) International Publication No :WO 2013/014084 2)SIEBER Stefan (61) Patent of Addition to Application 3)LIENHART Werner :NA Number 4)ZOGG Hans Martin :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : MEASURING DEVICE THAT CAN BE OPERATED WITHOUT CONTACT AND CONTROL

(57) Abstract :

The invention relates to a geodetic measuring Instrument (1), in particular a theodolite or a total Station, for determining the Position of a target point, comprising a sighting apparatus (5), in particular a telescope, wherein the sighting apparatus (5) can be pivoted in a motorized manner with respect to a base (11) of the measuring Instrument (1) in order to change the orientation of the sighting apparatus and has at least one objective unit (21) that defines an optical target axis (6), angle measurement o functionality for detecting the orientation of the target axis (6) highly precisely, and evaluating means for storing data and Controlling the orientation of the sighting apparatus (5), characterized by an eye image recording unit (4, 4), which is designed to record eye images of an eye (3) of a user, and characterized in that the evaluating means are designed to perform automatic sighting functionality regardless of viewing direction in such a way that the following occurs automatically after the function has started: at least one eye image is recorded, a viewing direction of the user eye (3) is determined, or eye Information suitable for deriving a viewing direction of the user eye (3) is determined, by means of image processing on the basis of the at least one eye o image, and the orientation of the sighting device (5) is changed in a motorized manner according to the viewing direction of the user eye (3) or according to the eye Information.

No. of Pages : 47 No. of Claims : 15

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SWITCH MODE POWER SUPPLY AND METHOD FOR OPERATING THE SWITCH MODE POWER SUPPLY

 (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 	:H02M5/458,H02M1/00 :11175353.9 :26/07/2011 :EPO :PCT/EP2012/059009 :15/05/2012 :WO 2013/013850 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen Germany (72)Name of Inventor : 1)PORTISCH Daniel 2)DRESCHER Hans
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(57) Abstract :

The invention relates to a switch mode power supply (9) to a method for operating said power supply (9) and to the use of the thereof. Said switch mode power supply (9) comprises a control for controlling a control element and which is connected to a DC link of the converter. Said switch mode power supply (9) comprises a startup delay so that the control of the switch element is blocked until a predetermined start delay duration (T) has lapsed. Said start delay duration (T) is longer than the time span between DC link charging.

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

(21) Application No.11276/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

 (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 	:201110173535.5	 (71)Name of Applicant : 1)INNER MONGOLIA FURUI MEDICAL SCIENCE CO. LTD Address of Applicant :No. 103 Jiefang Road Jining District Wulanchabu Inner Mongolia 012000 China (72)Name of Inventor : 1)WANG Guanyi
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:PCT/CN2011/083695 :08/12/2011	Wulanchabu Inner Mongolia 012000 China (72)Name of Inventor : 1)WANG Guanyi 2)YANG Yong
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	3)WANG Xinhong

(54) Title of the invention : HEPATIC FIBROSIS DETECTION APPARATUS AND SYSTEM

(57) Abstract :

A hepatic fibrosis detection apparatus and system comprise: an input device (11) for receiving age and serum biochemical indicators the serum biochemical indicators at least comprising blood platelet hyaluronic acid serum direct bilirubin prothrombin time serum glutamic pyruvic transaminase and serum glutamic oxaloacetic transaminase; a classifier (12) for performing hepatic fibrosis staging according to the age and serum biochemical indicators received by the input device (11) and transient elasticity imaging data; and an output device (13) for outputting a result of the hepatic fibrosis staging of the classifier (12). The system has advantages such as non invasiveness high practicability simple method low cost and high safety.

No. of Pages : 42 No. of Claims : 12

(21) Application No.303/DELNP/2014 A

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : INDUCTION HARDENING STEEL AND CRANK SHAFT MANUFACTURED BY USING SAME

 (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 	:C22C38/00,C22C38/60,F16C3/06 :2011165899 :28/07/2011 :Japan :PCT/JP2012/067102 :04/07/2012 :WO 2013/015085 :NA :NA	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : NKIM Kisung TAHIRA Hiroaki KAWANO Kaori WATARI Koji
Application Number Filing Date		·)····
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is an induction hardening steel with a high level of quenching crack resistance. The induction hardening steel of the present invention contains: C: 0.35% to 0.6%; Si: 0.01% to less than 0.40%; Mn: 1.0% to 2.0%; S: more than 0.010% to 0.05%; Cr: 0.01% 0.5%; Al: 0.001% 0.05%; N: Ti / 3.4% 0.02%; and Ti: 0.005% 0.05% in percentage by mass the remainder is formed of Fe and impurities and formula (1) is satisfied: 2S 3Ti < 0.040 (1). The content (percentage by mass) of the corresponding element is used for each of the chemical symbols in formula (1.

No. of Pages : 34 No. of Claims : 3

(21) Application No.11232/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

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:G06T7/40	(71)Name of Applicant :
:2011131910	1)EIZO Corporation
:14/06/2011	Address of Applicant :153 Shimokashiwano machi Hakusan
:Japan	shi Ishikawa 9248566 Japan
:PCT/JP2011/070573	(72)Name of Inventor :
:09/09/2011	1)CHEN Haifeng
:WO 2012/172699	2)NAKAO Masashi
·NA	
.INA	
:NA	
:NA	
	:2011131910 :14/06/2011 :Japan :PCT/JP2011/070573 :09/09/2011 :WO 2012/172699 :NA :NA :NA

(54) Title of the invention : CHARACTER REGION PIXEL IDENTIFICATION DEVICE AND METHOD THEREOF

(57) Abstract :

To prevent anti-aliasing font characters on the monitor fi m being falsely identified as an image area. [Solution] uiven a pixel 01 interest, that pixel and four previous and succeeding pixels (a total of nine pixels) are extracted (S3). For the nine extracted pixels, the largest value of the sub -pixels is set as the representative value of each of the pixels (S5). A histogram of the representative values of the nine pixels is taken, and HO, HI, H2... are set starting fi m the representative value having the highest distribution (S7). It is determined whether formula (1) is satisfied (S9). H0+H1+H2 < T H ... (1). I f formula (1) is satisfied, said pixel is determined t o b e a character area pixel, and i f said formula is not satisfied, said pixel is determined t o b e a character area pixel (SI 1, S I 3).

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

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ANIMAL SUPPLEMENTS AND FOOD COMPOSITIONS CONTAINING SOLUBLE MONENSIN COMPOSITION AND METHODS AND PROCESSES THEREFOR

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	A23K1/16,A23K1/17,A23K1/175 :61/515451 :05/08/2011 :U.S.A.	 (71)Name of Applicant : 1)ELI LILLY AND COMPANY Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 U.S.A.
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2012/048215 :26/07/2012 :WO 2013/022603	(72)Name of Inventor :1)GAWLAK Jon Thomas2)LUBETKIN Steven Duff
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present disclosure provides animal feed supplements comprising a therapeutically effective amount of monensin, a solvent, and a mineral mix, wherein the mineral mix is substantially free of monocalcium phosphate. In addition, the present dis - closure provides processes of preparing animal feed supplements and animal food compositions comprising such animal feed supplements. The present disclosure provides animal feed supplements comprising a therapeutically effective amount of monensin, a solvent, and an alkaline component. In addition, the present disclosure provides animal food compositions containing such animal feed supplements, and methods for their use.

No. of Pages : 46 No. of Claims : 34

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : POWER PLANT AND METHOD OF OPERATING A POWER PLANT

(31) Priority Document No:N/A(32) Priority Date: -(33) Name of priority country:(86) International Application		 (71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor : 1)MERCIER Jacques 2)DRENIK Olivier
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(57) Abstract :

A fossil fuel fired power plant (PP) can provide an improved dynamic response by means of condensate stop and op - tionally with indirect firing. The power plant (PP) having a water steam cycle comprises six condensate preheaters (21 -26) arranged o in series for the preheating by heat exchange with steam extracted from the steam turbines (7-10). Steam extraction lines (23-26) have a quick-action valve (23-26) able to stop the extraction steam flow, whereby the additional steam flowing through the tur o bines enables a large load increase up to 10% within a short time of 10 seconds. In case of a coal-fired power plant (PP), the power plant (PP) comprises a supply silo (45) for pulverized coal that enables a quick increase in supply rate of coal to the boiler (1) and of the firing rate. This allows the load increase to be maintained over a longer time period.

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

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONNECTOR IN PARTICULAR AN ELECTRICAL CONNECTOR

 (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 (2) Divisional to 	:H01R13/52,H01R13/506,H01R13/58 :102011078284.2 :29/06/2011 :Germany :PCT/EP2012/062008 :21/06/2012 :WO 2013/000822 :NA :NA	 (71)Name of Applicant : 1)TYCO ELECTRONICS AMP GMBH Address of Applicant :Amperestrasse 12 14 64625 Bensheim Germany (72)Name of Inventor : 1)ECKEL Markus 2)WITTROCK Frank
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a connector in particular an electrical high voltage plug type connector (1) for applications in the automotive or electrical engineering sector having an outer housing (10) a seal (20) and an inner housing (30) the seal (20) being provided between the outer housing (10) and the inner housing (30) and the seal (20) being constructed and arranged in the connector (1) in such a manner that a common contact region (3) of the connector (1) with a complementary counter connector (5) can be sealed by means of the seal (20). The invention further relates to a ready made cable an apparatus or a device the ready made cable the apparatus or the device having a connector (1) according to the invention. The invention further relates to a connection in particular an electrical high voltage plug type connection (1 5) for applications in the automotive or electrical engineering sector having a connector (1) according to the invention (5).

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

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CAPILLARY FLUID FLOW MEASURMENT AND CAPILLARY FLOW DEVICE THEREFORE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01N11/04,G01N33/49,B01L3/00 :1109203.8 :01/06/2011 :U.K. :PCT/GB2012/051182	 (71)Name of Applicant : 1)CARCLO TECHNICAL PLASTICS LIMITED Address of Applicant :PO Box 88 27 Dewsbury Road Ossett Yorkshire WF5 9WS U.K. (72)Name of Inventor : 1)WILLIAMSON Ian 2)ALLEN Gerald John
Filing Date	:25/05/2012	
(87) International Publication No	:WO 2012/164263	
(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 liquid flow device, in partic ular a capillary testing device provided as a chip, comprising a second path way which intersects the first pathway at a downstream point of convergence, so that the two pathways share an outlet and when liquid in the second path way reaches the point of convergence, liquid flow in the first pathway stops. Means for measuring the distance travelled by liquid in the first pathway are provided to determine the extent of liquid flow and to enable correlation with the amount of analyte in the liquid.

No. of Pages : 43 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SPONSORS	HIP SYSTEM	
 (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 	:G06Q30/00,G06Q30/08 :2011902207 :03/06/2011 :Australia :PCT/AU2012/000237 :07/03/2012 :WO 2012/162721 :NA :NA :NA :NA	 (71)Name of Applicant : 1)INSTANT SPONSOR.COM PTY LTD Address of Applicant :101D Yarranabbe Road Darling Point New South Wales 2027 Australia (72)Name of Inventor : 1)PUNTORIERO Anthony

(57) Abstract :

A sponsorship method comprising the steps of: a) providing an electronic database including sponsorship opportunity information; b) allowing one or more potential sponsors to gain access to the sponsorship opportunity information c) emabling the one or more potential sponsors to offer to purchase a sponsorship opportunity; d) using data processing means to determine using one or more selection criteria the suitability of the one or more potential sponsors to the sponsorship opportunity; and e) if the offer to purchase the sponsorship opportunity is accepted using the data processing means to generate a sponsorship agreement based on information in the electronic database and/or information entered into the electronic interface by the one or more potential sponsors.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION		(21) Application No.2/DELNP/2014 A	
(19) INDIA			
(22) Date of filing of Application :01/01/2	2014	(43) Publication Date : 02/01/2015	
(54) Title of the invention : DISC PACKA	AGE ASSEMBLY	1	
 (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 	:B65D85/87 :100212445 :07/07/2011 :Taiwan :PCT/US2011/053553 :27/09/2011 :WO 2013/006191 :NA :NA :NA :NA	 (71)Name of Applicant : PRINCO CORP. Address of Applicant :No. 6 Creation 4th Road Science Based Industrial Park Hsinchu Taiwan Taiwan PRINCO MIDDLE EAST FZE (72)Name of Inventor : HSU Peng Kai 	

(57) Abstract :

A disc package assembly for packaging and accommodating multiple discs is provided. The disc package assembly includes an upper cover and a base. The upper cover comprises a through hole a first annular protrusion a second annular protrusion and a restraining portion. The thickness of the upper cover gradually increases from the edge of the upper cover toward the center. Further the base comprises a hollow fastening portion and a third annular protrusion. An annular part is formed at the upper end of the fastening portion and has several slots. The fastening portion comprises a central through hole penetrating through the base. The thickness of the base gradually increases from the edge of the center. The disc package assembly may further include a thermal shrink film for wrapping over the disc package assembly and the discs.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : COAGULAT	ION CONTROLLING A	GENTS AND DEVICES COMPRISING THE SAME
 (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 	:A61B5/15 :61/504496 :05/07/2011 :U.S.A.	GENTS AND DEVICES COMPRISING THE SAME (71)Name of Applicant : 1)BECTON DICKINSON AND COMPANY Address of Applicant :1 Becton Drive Franklin Lakes NJ 07417 U.S.A. (72)Name of Inventor : 1)MONROE Dougald 2)NOVARRA Shabazz 3)HOKE Randal Alan 4)HOLMES Paul F. 5)DUDARONEK Justyna
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A device and kit and method for controlling coagulation in a blood sample. The coagulation controlling agent is at least one of citrate a protamine salt its homologs and derivatives benzamidine or para aminobenzamidine. Additives such as water soluble polymers and sugars are also contemplated. The device and kit comprise a container (10) that contains an effective amount of thrombin and a coagulation controlling agent. The method combines thrombin and a coagulation controlling agent to stabilize thrombin or accelerate its activity in a blood sample.

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

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : MOBILE ASSEMBLY COMPRISING A STARTER DRIVE UNIT AND A CONTROL LEVER FOR A HEAT ENGINE STARTER

 (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 	:F02N15/02,F02N15/06 :1156805 :26/07/2011 :France :PCT/FR2012/051746 :23/07/2012 :WO 2013/014385 :NA :NA	 (71)Name of Applicant : 1)VALEO EQUIPEMENTS ELECTRIQUES MOTEUR Address of Applicant :2 rue Andr Boulle F 94046 Creteil Cedex France (72)Name of Inventor : 1)SEILLIER Guillaume 2)MORNIEUX Christian 3)CHALMET Alexis
Number		3)CHALMET Alexis
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The mobile assembly (500) for meshing with a toothed starter ring gear (C) of a heat engine comprises: a drive unit (1) provided with a pinion (11); a starter drive element (118); a pivoting control lever (20) including a lower forked end having two arms; and a friction clutch (300) said pinion being rotationally fixed with a casing partially housing the drive element (118) and comprising the reaction plate (112) of the clutch. The lever (20) is associated with means for closing the clutch and is configured to move the casing axially while the closure means are configured to move the drive element axially in order to tighten the friction clutch. The heat engine starter comprises such a mobile assembly.

No. of Pages : 94 No. of Claims : 27

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS AND METHOD FOR MANUFACTURING A GREEN TYRE

(51) International classification	:B29D30/20,B29D30/46,B29D30/70	(71)Name of Applicant : 1)VMI Holland B.V.
(31) Priority Document No	:2007058	Address of Applicant :Gelriaweg 16 NL 8161 RK Epe
(32) Priority Date	:06/07/2011	Netherlands
(33) Name of priority country	:Netherlands	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/NL2012/050456 :28/06/2012	1)GRASHUIS Jan Kornelis 2)SLOTS Antonie
(87) International Publication No	:WO 2013/006043	
(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 an assembly and a method for manufacturing a green tyre. The assembly comprises a building drum (52) an extrusion device (75) for extruding a strip (70) of an unvulcanized rubber a transfer drum (72) for helically winding the strip (70) of the unvulcanized rubber thereon into a layer of rubber material and a cutting device (76) for at least substantially in axial direction severing the layer of rubber material wherein the transfer drum (72) is movable between a first position near the extrusion device (52) and a second position near the building drum (52) for transferring the layer of rubber material from the transfer drum (72) to the building drum (52).

No. of Pages : 30 No. of Claims : 25

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DISINTEGRANT FREE COMPOSITION OF CINACALCET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	 (71)Name of Applicant : 1)JUBILANT LIFE SCIENCES LIMITED Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA- 201301, UP, INDIA Uttar Pradesh India (72)Name of Inventor :
 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA : NA :NA :NA :NA :NA	1)MUHURI, GOUTAM 2)GAT, GANESH VINAYAK 3)MUKHERJEE, SWATI 4)BHUSHAN, BHARAT

(57) Abstract :

The present invention relates to pharmaceutical composition of Cinacalcet or a pharmaceutically acceptable salt thereof comprising diluents, binders and lubricants, wherein said composition is substantially free of disintegrant. It further relates to process for preparing such compositions.

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

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMMUNICATIONS SYSTEM AND BIT LOADING METHOD USED IN A COMMUNICATIONS SYSTEM

 (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 	:1110139.1 :15/06/2011 :U.K.	 (71)Name of Applicant : 1)XSILON LTD Address of Applicant :17 Whitehills Green Goring on Thames Reading RG8 0EB U.K. (72)Name of Inventor : 1)HILTON Christopher David 2)MEHTA Mehul 3)BAKER Michael Paul
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(57) Abstract :

A communications system comprises a transmitter receiver and channel. The transmitter transmits multiple copies of each data bit in a multi dimension modulation scheme matrix the dimensions being selected from frequency time and code. Each dimension is divided into sub groups. A bit loading method is used such that copies of each data bit (b11 b12 b13) are allocated within the matrix according to a predetermined arrangement so that within each dimension copies of the same data bit reside within different sub groups.

No. of Pages : 31 No. of Claims : 68

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : GEL COMPOSITION

 (51) International classification :A23L1/0532,A23L1/054,A23 (31) Priority Document No :PCT/CN2011/076937 (32) Priority Date :07/07/2011 (33) Name of priority country :China (86) International Application :PCT/EP2012/057949 :01/05/2012 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA Filing Date :NA Filing Date :NA Filing Date :NA Filing Date :NA Filing Date 	 L1/39 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)WANG Yu 2)LIAN HWEE PENG Rebecca
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(57) Abstract :

A composition in the form of a gel for preparing a food product the composition comprising water flavourings salt and gelling agents where the gelling agents comprise at least agar and xanthan.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : DISCONTIN	UOUS RECEPTION	
 (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 	:H04W52/02 :NA :NA :NA :PCT/CN2011/001658 :30/09/2011 :WO 2013/044415 :NA :NA :NA	 (71)Name of Applicant : 1)NOKIA SOLUTIONS AND NETWORKS OY Address of Applicant :Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor : 1)WU Chunli 2)SEBIRE Benoist Pierre 3)DU Lei

(57) Abstract :

A method may be provided. The method may comprise selecting one of a first discontinuous cycle of a first length and a second discontinuous reception cycle of a second length. The second discontinuous reception cycle may be of a different length to the first cycle. Both of the first and second cycles may be available for selection. The method may further comprise using said selected cycle.

No. of Pages : 29 No. of Claims : 45

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : OPTICAL ARTICLE COMPRISING A SURFACTANT BASED TEMPORARY ANTIFOG COATING WITH AN IMPROVED DURABILITY

 (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 	:G02B1/10,G02B27/00 :1156704 :22/07/2011 :France :PCT/EP2012/062620 :28/06/2012 :WO 2013/013929 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SATISLOH AG Address of Applicant :Neuhofstrasse 12 CH 6340 Baar Switzerland (72)Name of Inventor : 1)CADET Mamonjy 2)CRETIER Annette 3)SAINT LU Charlotte
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(57) Abstract :

The present invention relates to an optical article comprising a substrate coated with a coating preferably comprising silanol groups on its surface and directly contacting this coating an antifog coating precursor coating said precursor coating preferably having a static contact angle with water of more than 10° and of less than 50° and being obtained through the grafting of at least one organosilane compound possessing a polyoxyalkylene group and at least one silicon atom bearing at least one hydrolyzable group and is further coated with a film obtained by applying a composition containing at least one surfactant of formula F(CF) (CH CHO)H (VIII) wherein x is an integer ranging from 1 to 14 y is an integer lower than or equal to 10 compounds of formula (VIII) in which y=6 representing at least 90% by weight by weight relative to the weight of compounds (VIII) present in the composition so as to form an antifog coating having preferably a static contact angle with water lower than or equal to 10°.

No. of Pages : 29 No. of Claims : 20

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMMUNICATION CONTROL DEVICE COMMUNICATION CONTROL METHOD AND PROGRAM

 (51) International :H04W72/04,H04W16/02,H04W16/28 (31) Priority Document No :2011150549 (32) Priority Date :07/07/2011 (33) Name of priority :Japan (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 (57) Abstraction 	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)TAKANO Hiroaki
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(57) Abstract :

The present invention provides a communication control device provided with with a setting unit that sets the timing for sending a particular signal from only some of a plurality of base stations having the same cell ID and a determination unit that on the basis of reception results for a communication device using the aforementioned timing determines the combination of base stations from among the plurality of base stations to be used for sending a signal to the communication device.

No. of Pages : 64 No. of Claims : 15

(21) Application No.30/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR SELECTIVE REGULATION OF PROTEIN EXPRESSION

 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 	:U.S.A. :PCT/US2012/045040 :29/06/2012 :WO 2013/006472 :NA :NA	 (71)Name of Applicant : MONSANTO TECHNOLOGY LLC Address of Applicant :800 North Lindbergh Blvd. St. Louis MO 63167 U.S.A. (72)Name of Inventor : HUANG Jintai IVASHUTA Sergey QI Youlin WIGGINS Barbara E. ZHANG Yuanji
Number	:NA :NA	

(57) Abstract :

The invention provides methods and compositions for selectively suppressing the expression of a recombinant protein in a male reproductive tissue of a transgenic plant. The invention also provides methods and compositions for inducing male sterility in a transgenic plant. Plants plant cells plant parts seeds and commodity products including such compositions are aspects of the invention.

No. of Pages : 89 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:B05B11/00	(71)Name of Applicant :
(31) Priority Document No	:RM2011A000419	1)EMSAR S.p.A.
(32) Priority Date	:03/08/2011	Address of Applicant : Via Po 49 Z .I. di Sambuceto I 66020
(33) Name of priority country	:Italy	San Giovanni Teatino (CH) Italy
(86) International Application No	:PCT/IT2012/000236	(72)Name of Inventor :
Filing Date	:31/07/2012	1)CARTA Lamberto
(87) International Publication No	:WO 2013/018117	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DISPENSER

(57) Abstract :

A dispenser comprises a containment body (2) which is hollow and at least partly insertable into a bottle the containment body (2) having a hole (19) located inside the bottle and an orifice (5) for pumping a liquid product contained inside the bottle; a ring nut (14) able to be engaged on a neck of the bottle and externally associated with the containment body (2); a piston (7) slidable inside the containment body (2) between a raised position and a lowered position; a hollow stem (8) slidable inside the containment body (2) and associated with a dispensing spout (9) to actuate the piston (7) in order to dispense the fluid contained in the bottle; and at least one aperture (18) formed in the containment body (2) to selectively place an ambient air inlet passage in fluid communication with the hole (19) in the containment body (2); the ring nut (14) having a first substantially cylindrical portion (14a) and a second substantially cylindrical portion (14b) which are mutually coupled to define the air inlet passage between them.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:A23G3/34	(71)Name of Applicant :
(31) Priority Document No	:2011131489	1)STEPHANOVICH Oleg Valeryevich
(32) Priority Date	:26/07/2011	Address of Applicant :ul. Lesozavodskaya 14a 14 Syktyvkar
(33) Name of priority country	:Russia	167009 Komi Respublika Russia
(86) International Application No	:PCT/RU2012/000506	2)FAYERSHTEIN Anton Viktorovich
Filing Date	:26/06/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/015713	1)STEPHANOVICH Oleg Valeryevich
(61) Patent of Addition to Application	:NA	2)FAYERSHTEIN Anton Viktorovich
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		1

(54) Title of the invention : FILLING SWEET (VARIANTS) AND METHOD FOR MAKING SAME

(57) Abstract :

The invention relates to the food industry. The sweet contains a protein mass and a high boiled sugar mass. The high boiled sugar mass consists of sugar and/or a sugar substitute and water and the protein mass consists of wheat flour and gram flour or pea meal or a composition thereof and melted fat preferably real butter. The method for making the sweet involves the concurrent preparation of the protein mass and the high boiled sugar mass. The sweet is then shaped in the form of a layered product made up of fine fibres by the repeated stretching of the high boiled sugar mass and the saturation thereof with the protein mass. The group of inventions makes it possible to produce a sweet in the style of a pastry which is comprised of fine readily separating fibres and has an enhanced biological and nutritional value and digestibility and an increased shelf life.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : ACID DYE MIXTURES FOR POLYAMIDE AND WOOL CONTAINING DIMER ACID DYES

 (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 	:C09B67/22,D06P3/24 :10 2011 104 362.8 :16/06/2011 :Germany :PCT/EP2012/002497 :13/06/2012 :WO 2012/171638 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CLARIANT INTERNATIONAL LTD Address of Applicant :Rothausstrasse 61 CH 4132 Muttenz Switzerland (72)Name of Inventor : 1)SIEBER Helmut 2)NUSSER Rainer 3)MARAZZI Rino
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(57) Abstract :

The invention relates to an acid dye mixture comprising a) between 70 and 95 wt. % of at least one dye A of general structure (A) and b) between 5 and 30 wt. % of at least one dye B of general structure (B).

No. of Pages : 20 No. of Claims : 13

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEPTH OR DISPARITY MAP UPSCALING

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) International Application (87) International Publication (87) International Publication (87) International Publication (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	51/504814 06/07/2011	 (71)Name of Applicant : TELEFONAKTIEBOLAGET L M ERICSSON (publ) Address of Applicant :Torshamnsgatan 21 23 S 164 83 Stockholm Sweden (72)Name of Inventor : GIRDZIJAUSKAS Ivana SCHWARZ Sebastian SJ–STR–M Mrten OLSSON Roger
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(57) Abstract :

Method and arrangement for increasing the resolution of a depth or disparity map related to multi view video. The method comprises deriving a high resolution depth map based on a low resolution depth map and a masked texture image edge map. The masked texture image edge map comprises information on edges in a high resolution texture image, which edges have a correspondence in the low resolution depth map. The texture image and the depth map are associated with the same frame.

No. of Pages : 33 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

		-
(51) International classification	:G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:13/174505	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:30/06/2011	Address of Applicant : P.O. Box 8102 Reno Nevada 89507
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/044911	(72)Name of Inventor :
Filing Date	:29/06/2012	1)SORENSON James Christopher III
(87) International Publication No	:WO 2013/003713	2)LIN Yun
(61) Patent of Addition to Application	:NA	3)SALYERS David C.
Number	:NA	4)KHETRAPAL Ankur
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SHADOWING STORAGE GATEWAY

(57) Abstract :

Methods, apparatus, and computer-access ible storage media for shadowing data stored on a local store to a remote store provided by a service provider. A gateway may be configured as a Methods, apparatus, and computer-accessible storage media for shadowing data stored on a local store to a remote store provided by a ser vice provider. A gateway may be configured as a shadowing gateway on a customer network in response to receiving configuration information. The shadowing gateway may re ceive reads and writes to the local store. The gateway passes the requests to the local store, and also uploads write data indicated by the writes to the service provider to update a snapshot of the local store maintained by the service pro - vider on the remote store. The write data may be buffered to a write log for uploading, and may be uploaded as blocks according to a block storage format used by the service pro vider. The shadowing process may be transparent to pro cesses on the customer network. The shadowed data may be used to recover data on the local store.

No. of Pages : 94 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PREDICTING THE CLINICAL RESPONSE TO CHEMOTHERAPY IN A SUBJECT WITH CANCER

 (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 	:C12Q1/68 :11382211.8 :20/06/2011 :EPO :PCT/EP2012/061790 :20/06/2012 :WO 2012/175537 :NA	 (71)Name of Applicant : 1)TRASLATIONAL CANCER DRUGS PHARMA S.L. Address of Applicant :Jos Antonio Primo de Rivera 4 2º izda. E 47001 Valladolid Spain (72)Name of Inventor : 1)LACAL SANJUN Juan Carlos
(87) International Publication No		1)LACAL SANJUN Juan Carlos
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the use of choline kinase alpha as predictive marker for the determination of the response to a chemotherapeutic treatment in a subject suffering from cancer particularly for predicting the clinical response of a subject suffering from non small cell lung cancer to a platinum based chemotherapeutic treatment. The invention relates to methods for designing a personalised therapy for subjects suffering from cancer particularly from non small cell lung cancer based on the expression levels of choline kinase alpha as well as to methods for the treatment of non small cell lung cancer using a platinum based chemotherapeutic treatment based in a subject wherein the subject is selected based on the expression levels of choline kinase alpha.

No. of Pages : 80 No. of Claims : 41

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE HAVING AT LEAST ONE CYLINDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Not Filing Date (87) International Publication Not (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:24/05/2012	 (71)Name of Applicant : 1)AVL LIST GMBH Address of Applicant :Hans List Platz 1 A 8020 Graz Austria (72)Name of Inventor : 1)OBENAUS Thomas 2)MELDE TUCZAI Helmut 3)BRANDL Thomas 4)TOTH Gyula 5)MAIER Gerhard
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an internal combustion engine having at least one cylinder (2) with a piston which moves to and fro wherein the cylinder head (3) and cylinder block (4) are configured in one piece as a head/block unit (5) having at least one exhaust gas turbocharger (ATL). In order to minimize the machining and manufacturing outlay and to reduce the overall volume it is provided that at least one spiral (8) of the exhaust gas turbocharger (ATL) is integrated into the head/block unit (5).

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

(21) Application No.323/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:G01N21/64	(71)Name of Applicant :
(31) Priority Document No	:2011143709	1)KYOTO PREFECTURAL PUBLIC UNIVERSITY
(32) Priority Date	:29/06/2011	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :465 Kajii cho Kawaramachi dori
(86) International Application No	:PCT/JP2012/066609	Hirokoji agaru Kamigyo ku Kyoto shi Kyoto 6028566 Japan
Filing Date	:28/06/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/002350	1)KOIZUMI Noriaki
(61) Patent of Addition to Application	:NA	2)TAKAMATSU Tetsuro
Number	:NA :NA	3)HARADA Yoshinori
Filing Date	.NA	4)OTSUJI Eigo
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		1

(54) Title of the invention : TUMOR SITE IDENTIFICATION DEVICE AND METHOD

(57) Abstract :

The invention provides a tumor site identification device which spectroscopically detects the fluorescence of protoporphyrins present at a tumor site in a test subject wherein the protoporphyrins are protoporphyrin IX (PpIX) and photo protoporphyrin (PPp) and the identification device comprises a light irradiation unit that converts part of PpIX to PPp a light splitting unit that splits the fluorescence of PpIX and the fluorescence of PPp a spectroscopic detection unit that detects the relative fluorescence intensities of the fluorescence of PpIX and the fluorescence of PPp and a tumor discrimination unit that discriminates between a tumor site and a non tumor site on the basis of the relative fluorescence intensities of PpIX and PPp.

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

(19) INDIA

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:B22C9/08	(71)Name of Applicant :
(31) Priority Document No	:13/339007	1)BEDLOE INDUSTRIES LLC
(32) Priority Date	:28/12/2011	Address of Applicant :2711 Centerville Road Suite 300
(33) Name of priority country	:U.S.A.	Pmb#8033 Wilmington DE 19808 U.S.A.
(86) International Application No	:PCT/US2012/071717	(72)Name of Inventor :
Filing Date	:27/12/2012	1)NIBOUAR F. Andrew
(87) International Publication No	:WO 2013/101874	2)SMERECKY Jerry R.
(61) Patent of Addition to Application	:NA	3)DAY Kelly S.
Number	:NA :NA	4)SALAMASICK Nick
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD AND SYSTEM FOR MANUFACTURING RAILCAR COUPLERS

(57) Abstract :

A casting apparatus for casting a railcar coupler, which includes a shank portion and a head por tion, includes cope and drag portions that define an ex ternal shape of the coupler, The casting apparatus also includes one or more cores that define an interior of the shank portion and a separate head core with an exterior that defines an interior of the head portion that includes lock chamber, guard arm side portion, and knuckle side portions of the head. The head core is a single piece with a hollow center section that defines a front face gating system that includes at least one in- gate con figured to direct molten material to top and bottom re gions of the head to define the lock chamber, guard arm side portion, and knuckle side of the head.

No. of Pages : 44 No. of Claims : 55

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DOWN SPRUE CORE FOR USE IN CASTING RAILCAR COUPLER KNUCKLES

(51) International classification	:B22C9/02,B22C9/08,B22C9/10	(71)Name of Applicant :
(31) Priority Document No	:13/194601	1)BEDLOE INDUSTRIES LLC
(32) Priority Date	:29/07/2011	Address of Applicant :2711 Centerville Road Suite 300 PMB
(33) Name of priority country	:U.S.A.	#8033 Wilmington DE 19808 U.S.A.
(86) International Application N	o :PCT/US2012/048002	(72)Name of Inventor :
Filing Date	:24/07/2012	1)NIBOUAR F. Andrew
(87) International Publication No	o :WO 2013/019479	2)SMERECKY Jerry R.
(61) Patent of Addition to	:NA	3)DAY Kelly
Application Number		4)SALAMASICK Nick
Filing Date	:NA	5)MAKARY Vaughn
(62) Divisional to Application	- NT A	6)STEVENSON Roy
Number	:NA	
Filing Date	:NA	

(57) Abstract :

A core for use in railcar coupler part casting processes is provided. The core has a hollow body, a top with a first opening defined therein, a bottom having a generally rounded wall, and second and third openings defined in the side wall of the body.

No. of Pages : 55 No. of Claims : 80

(22) Date of filing of Application :27/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RIGGING SYSTEM FOR CASTING RAILCAR COUPLER PARTS

(51) International classification (31) Priority Document No	:B22C9/08,B22C9/22,B22D25/02 :13/194704	(71)Name of Applicant : 1)BEDLOE INDUSTRIES LLC
(32) Priority Date	:29/07/2011	Address of Applicant :2711 Centerville Road Suite 300 PMB
(33) Name of priority country(86) International ApplicationNo	:U.S.A. :PCT/US2012/047589 :20/07/2012	 #8033 Wilmington DE 19808 U.S.A. (72)Name of Inventor : 1)NIBOUAR F. Andrew
Filing Date (87) International Publication No	:WO 2013/019429	2)SMERECKY Jerry R. 3)DAY Kelly 4)SALAMASICK Nick
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)MAKARY Vaughn 6)STEVENSON Roy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A rigging system for casting railcar coupler knuckles is provided. The rigging system comprises cope and drag portions of a mold, a down sprue defined in said cope por tion, at least one riser defined in said mold, at least two ingates defined at least partially in said mold and connec ted to said at least one riser, at least two knuckle mold cavities defined in said mold, and wherein said ingates have a non-circular shape.

No. of Pages : 64 No. of Claims : 93

(19) INDIA

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:B65H45/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCA HYGIENE PRODUCTS AB
(32) Priority Date	:NA	Address of Applicant :S 405 03 Gteborg Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/061937	1)ANDERSSON Anders
Filing Date	:13/07/2011	2)LARSSON Bjrn
(87) International Publication No	:WO 2013/007301	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : STACK OF INTERFOLDED FIRST AND SECOND SHEETS

(57) Abstract :

A stack (1) of hygiene sheet products comprising first and second webs (2 3) that are interfolded with each other. The stack includes a top panel (11) of the first web (2) and a top panel (12) of the second web (13) wherein the top panel of the first web overlays the top panel of the second web but has been cut away so that the top panel of the second web is revealed by the top panel of the first web. An adherence layer (14) is placed on the top panel of the first web and the top panel of the second web and is exposed at the top of the stack so that it can adhere to an adjacent stack so that when the last sheets of the adjacent stack are pulled through a dispenser opening of a dispenser the first and second sheets are pulled securely through with it as a result of the direct adherence.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

 (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 	:NA	 1)HANWHA Q CELLS GMBH Address of Applicant :Sonnenallee 17 21 OT Thalheim 06766 Bitterfeld Wolfen Germany (72)Name of Inventor : 1)STEKOLNIKOV Andrey 2)SEGUIN Robert 3)K-NTOPP Max 4)SCHERFF Maximilian 5)ENGELHART Peter
Number		

(54) Title of the invention : SOLAR CELL AND METHOD FOR PRODUCING SAME

(57) Abstract :

The present invention relates to a solar cell (1) comprising a semiconductor wafer (3) at least one dielectric layer (5) arranged on the semiconductor wafer (3) a metal layer (7) arranged on the dielectric layer and a contact structure arranged in the dielectric layer (5) such that the contact structure provides an electrical connection between the metal layer (7) and the semiconductor wafer (3) wherein the contact structure has at least one first structure (9a) having a minimum dimension and at least one second structure (9b) having a maximum dimension wherein the minimum dimension and the maximum dimension are defined along a surface of the semiconductor wafer (3) and the minimum dimension of the first structure (9a) is greater than the maximum dimension of the second structure (9b). Furthermore the present invention relates to a solar cell production method comprising the following method steps: providing a semiconductor wafer (3) with at least one dielectric layer (5) forming a metal layer (7) on the dielectric layer (5) and a contact structure arranged in the dielectric layer (5) such that the contact structure provides an electrical connection between the metal layer (7) and the semiconductor wafer (3) wherein at least one first structure (9a) having a minimum dimension and at least one second structure (9b) and a contact structure arranged in the dielectric layer (5) such that the contact structure provides an electrical connection between the metal layer (7) and the semiconductor wafer (3) wherein at least one first structure (9a) having a minimum dimension and at least one second structure (9b) having a maximum dimension of the second structure (9b) having a maximum dimension of the second structure (9b) having a maximum dimension of the second structure (9b).

No. of Pages : 32 No. of Claims : 15

(19) INDIA

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

(54) Title of the invention : A ROBOTIC SYSTEM

(43) Publication Date : 02/01/2015

(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 	:NA :NA :NA :NA :NA :NA	 I)THE DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION [DRDO] Address of Applicant :Ministry of Defence, Govt. of India, Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New Delhi 110105, India. Delhi India (72)Name of Inventor : 1)KRISHNAMURTHY RAMESH 2)SARTAJ SINGH 3)VELLIYAR CHANDRAMOULI RAVI 4)NIKHIL MAHALE
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(57) Abstract :

The present disclosure relates to a robotic system (1). The robotic system (1) comprises bracket (112) fixed to flanges (108) of steam generator (101), linear slide (114) mountable onto the bracket (112), configured with a cable mechanism (618) for loading and unloading a robot arm (116) from the steam generator (101) and a locking-unlocking assembly (620) attached to distal end of the pair of guides (602) of the linear slide (114); the robot arm (116) fixed onto a mounting base (609) of the linear slide (114), comprises at least one end effector (1008) for holding a probe hose, and the end effector (1008) comprising a camera (1112) for positional error correction of the robot arm (116) and a limit switch for enabling calibration of the robot arm (116) with respect to tube sheet plane (102) under the heat exchanger tubes (100) for inspection.

No. of Pages : 32 No. of Claims : 17

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR MANUFACTURING SODIUM HYPOCHLORITE OR HYPOCHLOROUS ACID AND WATER TREATMENT SYSTEM IN GENERAL

 (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 	:PCT/EP2012/061620 :18/06/2012	 (71)Name of Applicant : 1)MP TECHNIC Address of Applicant :465 Chemin des Plaideurs F 13090 Aix en Provence France (72)Name of Inventor : 1)POYET Michel
Application Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a device for producing sodium hypochlorite or hypochlorous acid for water treatment the device comprising: a cylinder (16) for storing salt in solid form adapted for being fed directly via a pressurized water pipe and comprising one or more tubes that form one or more electrolytic chambers (15); one or more electrolytic cells received in the electrolytic chambers (15); the tubes of the cylinders being perforated to allow the contacting of the electrolytic cells with the salt saturated water while preventing the electrolytic cells from being short circuited by the solid salt. The invention makes it possible to produce sodium hypochlorite or hypochlorous acid from salt saturated water in a cylinder connected directly to the pipe of the water to be treated without the latter being loaded with salt.

No. of Pages : 45 No. of Claims : 20

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : ALBUMIN PRODUCTION AND CELL PROLIFERATION

 (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 	:C12N13/113,G06F19/00,A61P33/00 :61/499637 :21/06/2011 :U.S.A. :PCT/GB2012/051422 :20/06/2012 :WO 2012/175958 :NA :NA	 (71)Name of Applicant : 1)MINA THERAPEUTICS LIMITED Address of Applicant :21 Wilson St London Greater London EC2M 2TD U.K. (72)Name of Inventor : 1)S†TROM Pl
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides short activating RNA molecules which up regulate albumin production. The present invention also provides methods of up regulating albumin production such methods involving the use of short activating RNA molecules capable of increasing the expression of albumin. The present invention also provides the use of the short activating RNA molecules in therapy such as treating or preventing a hyperproliferative disorder and/or a disorder characterised by hypoalbuminemia.

No. of Pages : 78 No. of Claims : 21

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METALLIC SOAP COMPOSITIONS FOR VARIOUS APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		 (71)Name of Applicant : 1)ELEVANCE RENEWABLE SCIENCES INC. Address of Applicant :2501 Davey Road Woodridge IL 60517 U.S.A. (72)Name of Inventor : 1)HUNT Zachary Jon 2)FLOWERS James Louis 3)CHRISTENSEN S. Alexander
(87) International Publication No	:WO 2013/009605	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Metallic soap compositions for use in various applications including as adhesives as having anti corrosion properties on certain surfaces or materials and as asphalt modifiers to reduce viscosity in an asphalt mixture and process for making the same are disclosed. The processes comprise at least a partial saponification of a mixture of an oil often a natural oil which may be hydrogenated and/or metathesized and a metal compound via a fusion process or may comprise at least a partial saponification of a mixture of a similar oil and a metal compound or optionally a fatty acid derived from a similar oil via an aqueous process with an optional addition of an inorganic metal salt via at least one ion exchange reaction.

No. of Pages : 39 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :29/11/2013

(54) Title of the invention CONSTRUCTION MACHINE

(43) Publication Date : 02/01/2015

(54) Litle of the invention : CON	STRUCTION MACHINE	
(51) International classification	:H02P23/00,E02F9/20,E02F9/24	(71)Name of Applicant :
(31) Priority Document No	:2011130630	1)HITACHI CONSTRUCTION MACHINERY CO. LTD.
(32) Priority Date	:10/06/2011	Address of Applicant :5 1 Koraku 2 chome Bunkyo ku Tokyo
(33) Name of priority country	:Japan	1128563 Japan
(86) International Application No	p:PCT/JP2012/063989	(72)Name of Inventor :
Filing Date	:30/05/2012	1)OGAWA Takashi
(87) International Publication No	:WO 2012/169413	2)SAKURAI Kohei
(61) Patent of Addition to	:NA	3)MORITA Yuichiro
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	.NA :NA	
Filing Date	.1NA	

(57) Abstract :

A construction machine is provided with: a rotating body (1d); an electric motor (16) for driving the rotating body; an operating device (4b) for outputting an operating signal according to an operating amount and operating direction; an inverter device (13) for controlling the electric motor on the basis of a control signal generated according to the operating signal; a position sensor (24) for detecting an actual speed of the electric motor; and a second controller (22) for determining whether at least one of a first condition and a second condition is satisfied wherein the first condition is satisfied when a sign of a value obtained by subtracting an actual speed (V) from a target speed (V) of the electric motor which is defined by the control signal is different from a sign of acceleration of the electric motor and the second condition is satisfied when the difference between the target speed and the actual speed is greater than a reference value (th). By virtue of this configuration misjudgment and detection failure of an electronic control system can be prevented.

No. of Pages : 41 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(51) International classification	:A01N43/64	(71)Name of Applicant :
(31) Priority Document No	:PCT/US2011/041866	1)INTRA CELLULAR THERAPIES Inc.
(32) Priority Date	:24/06/2011	Address of Applicant :3960 Broadway New York New York
(33) Name of priority country	:U.S.A.	10032 U.S.A.
(86) International Application No	:PCT/US2012/043880	(72)Name of Inventor :
Filing Date	:22/06/2012	1)LI Peng
(87) International Publication No	:WO 2012/178112	2)PENG Youyi
(61) Patent of Addition to Application	:NA	3)TOMESCH John
Number		4)WENNOGLE Lawrence P.
Filing Date	:NA	5)ZHANG Qiang
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		1

(54) Title of the invention : ORGANIC COMPOUNDS

(57) Abstract :

The invention relates to compounds and methods of treatment relating to nicotinic receptor antagonists. For example, the compounds and methods of treatment function block the activity of certain acetylcholine receptors and subtypes therein, and are useful treating diseases and conditions mediated by nicotinic receptor stimulation, e.g., small cell lunch cancer.

No. of Pages : 58 No. of Claims : 30

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOSITION AND METHOD FOR TREATING HPV

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11174193.0 :15/07/2011 :EPO :PCT/EP2012/063796 :13/07/2012	 (71)Name of Applicant : 1)FEMALON S.P.R.L. Address of Applicant :Rue du Travail 16 B 4460 Grce Hollogne Belgium 2)UNIVERSITE LIBRE DE BRUXELLES (72)Name of Inventor : 1)PIETTE Marie 2)EVRARD Brigitte 3)CO A Isabelle
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(57) Abstract :

The present invention relates to lyophilized compositions comprising cidofovir hydroxypropyl methylcellulose (HPMC) or hydroxyethylcellulose (HEC) and optionally a plasticizer. In particular the present invention relates to such compositions which form a sheet shaped porous solid matrix. The invention also relates to methods for producing such compositions. The invention further relates to such compositions for use in treating human papillomavirus (HPV) infections and HPV associated malignancies in particular HPV lesions and cervical cancer.

No. of Pages : 83 No. of Claims : 30

(21) Application No.344/DELNP/2014 A

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLAME RETARDANT POLYAMIDE COMPOSITION

(57) Abstract :

The present invention relates to a flame retardant polyamide composition comprising (A) a semi crystalline semi aromatic polyamide having a melting temperature (TmA) and having a number average molecular weight in the range between 7 500 and 30 000 g/mol; (B) a semi crystalline aliphatic polyamide having a melting temperature (TmB); and having a number average molecular weight in the range between 7 500 and 50 000 g/mol; and (C) a halogen free flame retardant system comprising a metal salt of a phosphinic acid and/or a diphosphinic acid wherein TmA is higher than TmB and weight ratio of (A): (B) is in the range between 0: 50 and 75: 25. The invention also relates to a process for moulding the flame retardant polyamide composition and moulded parts made of the flame retardant polyamide composition.

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

(19) INDIA

(22) Date of filing of Application :25/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CAN MANU	JFACTURE	
 (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 	:B21D22/24,B21D22/28 :11176206.8 :01/08/2011 :EPO :PCT/EP2012/064530 :24/07/2012 :WO 2013/017485 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CROWN PACKAGING TECHNOLOGY INC. Address of Applicant :11535 S Central Avenue Alsip Illinois 60803 2599 U.S.A. (72)Name of Inventor : 1)PRESSET Alain 2)VINCENT KeithAlan 3)MONRO StuartAlexander

(57) Abstract :

A method for manufacture of a metal can body is described in which two or more stretching operations are used so as to reduce the thickness of the central part of a cup base, prior to drawing the cup sidewall and forming a can body. By using two or more stretching operations, it has been found possible to control the thickness of the base without significantly reducing pressure performance of the finished can. Alternative embodiments of apparatus comprising tooling for carrying out this method are also de - scribed.

No. of Pages : 26 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification :A01J5/00 (71)Name of Applicant : (31) Priority Document No 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH :NA (32) Priority Date (ICAR) :NA (33) Name of priority country :NA Address of Applicant : INDIAN COUNCIL OF (86) International Application No AGRICULTURAL RESEARCH KRISHI BHAVAN, DR. :NA RAJENDRA PRASAD ROAD, NEW DELHI-110114 Delhi India Filing Date :NA (87) International Publication No (72)Name of Inventor: : NA (61) Patent of Addition to Application Number :NA **1)VIJH RAMESH KUMAR** Filing Date :NA 2)BANERJEE PRIYANKA (62) Divisional to Application Number :NA **3)JOSHI JYOTI** Filing Date :NA **4)SHARMA UPASNA**

(54) Title of the invention : QTLS FOR SOMATIC CELL COUNT IN BUFFALOES

(57) Abstract :

The present invention relates to identification of QTL for increased somatic cell count in buffalo (Bubalus bubalis) using microsatellite markers. A core set of 20 microsatellite markers from BTA9 (BBUIO) and BTAI4 (BBUI5) from cattle genome database were identified and were amplifiable in buffaloes. Genotyping was done on a reference population by selection of daughters of 12 sires (half-sib family) of buffaloes; the bulls were selected from the breed tract of Murrah buffaloes. The phenotypic records of milk somatic cell count of 1,678 buffalos in 3 different phases of lactation were obtained. The mean value of the records of three different stages of lactation was then subjected to analysis for the detection of QTL. The scale transformation of the somatic cell count data to somatic cell score was made to make a normal distribution and to remove the non-additive interactions. The data was subjected to analysis using Biomercator. The QTL positions obtained in BBUIO were between 40-60 and 80-100cM while QTL peak positions were identified between 20-30cM and 50-60cM in BBUI5.

No. of Pages : 29 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:H04B1/26	(71)Name of Applicant :
(31) Priority Document No	:1113130.7	1)BAE SYSTEMS PLC
(32) Priority Date	:29/07/2011	Address of Applicant :6 Carlton Gardens London SW1Y 5AD
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2012/051794	(72)Name of Inventor :
Filing Date	:26/07/2012	1)SMITH Andrew James
(87) International Publication No	:WO 2013/017845	2)NEWMAN Mark Trevor
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : RADIO FREQUENCY COMMUNICATION

(57) Abstract :

An analogue modem circuit (224) and carrier recovery method for use between an RF receiver and a digital modem circuit; comprising :receiving a baseband RF input signal;an up converter (506) with frequency supplied by an up converter voltage controlled oscillator VCO (522);a down converter (510) with frequency supplied by a down converter VCO (520);a Costas loop sub module (518); and outputting baseband outputs from the down converter (520) to a digital modem circuit; wherein :the up converter (522) feeds the down converter (510) and the Costas loop module (518) performs Costas loop functionality on the output of the down converter (510) to control the up converter VCO (522) frequency output to thereby control modification of the rotation of the symbols of the baseband signal. One or both VCOs may be controlled dependent upon a residual frequency difference between the VCOs when the Costas loop functionality is being started.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : ACID DYE MIXTURES FOR POLYAMIDE AND WOOL

 (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 (62) Divisional to Application Number Filing Date (62) Divisional to Application Number KA 	 (71)Name of Applicant : (71)Name of Applicant : (1)CLARIANT INTERNATIONAL LTD Address of Applicant :Rothausstrasse 61 CH 4132 Muttenz Switzerland (72)Name of Inventor : (72)NIEBER Helmut (72)NUSSER Rainer (73)MARAZZI Rino
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(57) Abstract :

The invention relates to an acid dye mixture comprising a) between 20 and 95 wt. % of at least one dye A of general structure (A) and b) between 5 and 80 wt. % of at least one dye B of general structure (B).

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

(12) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : PACKAGES FOR CONSUMABLE PRODUCTS AND METHODS FOR USING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:B65D1/30,B65D21/02,B65D77/04 :61/507101 :12/07/2011 :U.S.A. :PCT/US2012/046029 :10/07/2012 :WO 2013/009732	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant : Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)WILMERS Kimberly Ann 2)OCONNOR Clara Eleanor Grainne 3)WURTH Stephen Andrew 4)GASPERSON Bethanie Lynn
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)KIM Ki Sun 6)JAMES Thomas

(57) Abstract :

In a general embodiment the packages of the present disclosure include a body having a surface defining a recessed portion having a shape and a lid having a surface defining a projection having a shape and a size that corresponds to the shape and size of the recessed portion. The packages include a color that corresponds to a type of the consumable product.

No. of Pages : 57 No. of Claims : 27

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PALLET WITH SUPPORT ELEMENTS CONFIGURED AS ONE PIECE SKIDS AND RELATED METHOD

 (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 	:B65D19/00 :11174175.7 :15/07/2011 :EPO :PCT/EP2012/063731 :12/07/2012 :WO 2013/010920 :NA :NA :NA	 (71)Name of Applicant : 1)CHEP TECHNOLOGY PTY LIMITED Address of Applicant :Level 40 Gateway 1 Macquarie Place Sydney New South Wales 2000 Australia (72)Name of Inventor : 1)TAKYAR Sanjiv
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A pallet (10) includes a base layer (20), a cargo layer (30) and spaced apart support elements (40) positioned between o the base layer (20) and the cargo layer (30) and forming a gap (50) therebetween for receiving a lifting member. The cargo layer (30) includes a pair of spaced apart connector boards (32) and a pair of spaced apart end deck boards (34) orthogonal to the pair of con - o nector boards (32). Each support element (40) extends in length between the pair of spaced apart end deck boards (34) and is con figured as a onepiece skid, and includes an open recessed channel (60) therein to receive a respective connector board (32) from the cargo layer (30).

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

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR RISK MANAGEMENT OF A DATA VARIABLE

(51) International classification:G06F17/0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(61) Patent:NA(62) Divisional to Application Number:NAFiling Date:NA	 0 (71)Name of Applicant : 1)MUKUL PAL Address of Applicant :A9, 12B, KALKAJI EXTENSION, NEW DELHI - 110019 INDIA Delhi India (72)Name of Inventor : 1)MUKUL PAL
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(57) Abstract :

The invention discloses a method of determining ranking percentile of an asset in a group of assets over a pre-determined period of time, comprising the steps of storing asset values of each of the assets in the group of assets for a plurality of time stamps over the pre-determined period of time, then indexing the plurality of asset values for the corresponding time stamps with respect to an index time stamp, numerically ranking the plurality of assets for plurality of time stamps based on the moving computation values for each of the assets values determined and determining ranking percentiles thereof.

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

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : COSMETIC USE OF A FLOCCULANT POLYMER AS ANTIPERSPIRANT

 (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 	:A61K8/04,A61K8/06,A61K8/81 :1155366 :20/06/2011 :France :PCT/EP2012/060575 :05/06/2012 :WO 2012/175330 :NA :NA :NA	 (71)Name of Applicant : 1)LOREAL Address of Applicant :14 rue Royale F 75008 Paris France (72)Name of Inventor : 1)MALLE Grard 2)JEGOU Gwena«lle
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(57) Abstract :

The present invention relates to the cosmetic use of a flocculant polymer chosen from: (i) flocculant polymers comprising as side chain non quaternized pyridine groups directly or indirectly linked to the main chain; (ii) flocculant polymers comprising as side chain non quaternary amine groups borne by a side substituent directly linked to the main chain; the said polymer comprising at least one non quaternary cationic monomer and at least one hydrophobic nonionic monomer; (iii) cationic polyurethane flocculant polymers; as antiperspirant active agent especially in a composition comprising a cosmetically acceptable medium and more particularly not containing any antiperspirant aluminium and/or zirconium salts. A subject of the present invention is also a cosmetically acceptable medium at least one flocculant polymer as defined previously not containing any antiperspirant aluminium and/or zirconium salts.

No. of Pages : 61 No. of Claims : 23

(21) Application No.339/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF POROUS POLYMER MATERIALS FOR STORAGE OF BIOLOGICAL SAMPLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)UNIVERSITY OF TASMANIA Address of Applicant :Churchill Avenue Sandy Bay Tasmania 7001 Australia (72)Name of Inventor : 1)HILDER Emily Frances 2)HON Wei Boon
Filing Date	:11/07/2012	
(87) International Publication No	:WO 2013/006904	
(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 generally relates to the use of porous polymer materials as a medium for the storage of biological samples. The present invention also relates to a method of drying and storage of biological samples on the porous polymer materials. The biological samples include blood and blood plasma samples.

No. of Pages : 47 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:F01N3/20	(71)Name of Applicant :
(31) Priority Document No	:11290363.8	1)EMITEC GESELLSCHAFT FR
(32) Priority Date	:05/08/2011	EMISSIONSTECHNOLOGIE MBH
(33) Name of priority country	:EPO	Address of Applicant : Hauptstrae 128 53797 Lohmar
(86) International Application No	:PCT/EP2012/065273	Germany
Filing Date	:03/08/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/020924	1)MAGUIN Georges
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)HODGSON Jan 3)SCHEPERS Sven
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		l

(54) Title of the invention : DEVICE FOR SUPPLYING LIQUID REDUCING AGENT

(57) Abstract :

The invention relates to a device (1) for supplying liquid reducing agent for an exhaust gas treatment device (6) having at least: a tank (2) with an interior (3) in which reducing agent can be stored an intake (4) in the interior (3) a delivery device (5) which is situated in a separate chamber (11) in the tank bottom (12) of the tank (2) a line (20) from the delivery device (5) to the exhaust gas treatment device (6) said line passing through the tank bottom (12) at the separate chamber (11) and a cleaning layer (8) which covers the intake (4) wherein an intermediate space (10) in which there is provided at least one sponge element (7) which can absorb reducing agent and from which the delivery device (5) can extract reducing agent via the intake (4) is formed between the intake (4) and the cleaning layer (8).

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : GAS PHONE FLUORINATION OF 1, 1, 2-2-DIFLUOROETHANE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07C17/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SRF LIMITED Address of Applicant :BLOCK-C, SECTOR 45, UNICREST BUILDING, GURGAON, HARYANA (INDIA); Haryana India (72)Name of Inventor : 1)GEORGE, JOSE
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)RAMANATHAN, RAJASEKARAN 3)KUMAR, VINOTH 4)ANAND, RAJDEEP

(57) Abstract :

The present invention provides a process for the preparation of 1-chloro-2, 2-difluoroethane by gas phase fluorination of 1, I, 2-trichloroethane and/or 1, 2-dichloroethene. The present invention also provides a process for purification of 1-chloro-2,2-difluoroethane.

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

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF SUBSTITUTED AND/OR UNSUBSTITUED BENZYLAMINES

 (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 (2) Divisional to Application Market 	:NA :NA :NA :NA : NA :NA :NA	 (71)Name of Applicant : 1)SRF LIMITED Address of Applicant :BLOCK-C, SECTOR 45, UNICREST BUILDING, GURGAON, HARYANA (INDIA); Haryana India (72)Name of Inventor : 1)DHINGRA, SURENDER 2)MATHUR, SUMANGALA 3)SAXENA, RAHUL 4)ANAND, RAJDEEP
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a process for the preparation of substituted and un-substituted benzylamines of Formula I.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS FOR PRODUCING LIPOSOMES

(57) Abstract :

The invention discloses a method for the formation of liposomes by using high shear mixing of aqueous solution of lipid powder; the lipid powder can be produced by any known technique. Components of the liposomes include but are not limited to cationic lipids immunostimulators/immunopotentiators and macromolecules as components for the liposome formation. The disclosed method describes the formulation of stable liposomes solitary or complexing high concentrations of macromolecules such as proteins DNA and RNA having opposite charge of the liposomes by high shear mixing where aggregation is avoided due to the formulation method.

No. of Pages : 51 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROTEIN ISOLATION FROM OIL SEEDS

 (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 	:PCT/EP2012/063134 :05/07/2012	 (71)Name of Applicant : 1)DSM IP Assets B.V. Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor : 1)WNUKOWSKI Piotr 2)SMOLDERS Gerardus Johannes Franciscus 3)VEERMAN Cecile
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(57) Abstract :

A process to isolate protein from the meal or oil cake comprising the following steps: extracting the meal with water to obtain an aqueous solution; concentrating the aqueous extract to an aqueous solution comprising 5 to 30 wt% protein preferably 10 to 30 wt% protein; adding a water soluble solvent to the concentrated aqueous solution to obtain a protein precipitate; and separating the protein precipitate from the liquid fraction.

No. of Pages : 28 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR PRODUCING BROMINATED BUTYL RUBBER (51) International classification :C08F8/22,C08C19/14 (71)Name of Applicant : (31) Priority Document No :11005942.5 1)LANXESS INTERNATIONAL SA (32) Priority Date Address of Applicant : Route Louis Braille 12 CH 1763 :20/07/2011 :EPO (33) Name of priority country Granges Paccot Switzerland (86) International Application No (72)Name of Inventor : :PCT/EP2012/063993 Filing Date **1)LEIBERICH Ricarda** :17/07/2012 (87) International Publication No :WO 2013/011017 2)RITTER Joachim (61) Patent of Addition to Application **3)PAUL Hanns Ingolf** :NA Number 4)WIESNER Udo :NA Filing Date **5)LSGEN Holger** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to an energy efficient environmentally favourable process for the preparation of brominated butyl rubbers that uses a bromination agent and a oxidizing agent in order to enhance the utilization of bromine contained in the bromination agent. In a preferred embodiment a common medium for both solution polymerization and subsequent bromination of the rubber is employed.

No. of Pages : 31 No. of Claims : 25

(21) Application No.336/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : DOCUMENT EXTENSION IN DICTATION BASED DOCUMENT GENERATION WORKFLOW

 (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 	PCT/US2012/043185 :19/06/2012	 (71)Name of Applicant : 1)MMODAL IP LLC Address of Applicant :9009 Carothers Parkway Suite C 2 Franklin Tennessee 37067 U.S.A. (72)Name of Inventor : 1)KOLL Detlef 2)FRITSCH Juergen 3)FINKE Michael
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An automatic speech recognizer is used to produce a structured document representing the contents of human speech. A best practice is applied to the structured document to produce a conclusion such as a conclusion that required information is missing from the structured document. Content is inserted into the structured document based on the conclusion thereby producing a modified document. The inserted content may be obtained by prompting a human user for the content and receiving input representing the content from the human user.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :16/01/2014

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF 18F LABELLED BIOMOLECULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 	:1117785.4 :14/10/2011 :U.K.	 (71)Name of Applicant : 1)GE HEALTHCARE LIMITED Address of Applicant : Amersham Place Little Chalfont Buckinghamshire HP7 9NA U.K. (72)Name of Inventor : 1)NAIRNE Robert James Domett 2)BHALLA Rajiv
Application No Filing Date	:PCT/EP2012/070401 :15/10/2012	3)KHAN Imtiaz 4)BROWN Jane
(87) International Publication No	:WO 2013/053941	5)WILSON Anthony 6)BLACK Andrew
(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 the synthesis of 18F labelled biomolecules which is amenable to automation. The present invention also provides a cassette for automating the method of the invention. The method of the present invention provides numerous advantages over the prior art methods. One less purification step is required as compared with known methods. Also in a preferred embodiment one less reagent is required as a particular reagent is employed in two different steps. The chemistry process is thereby simplified the cost of goods is reduced and the burden of validation and documentation of reagents required for GMP clinical production is minimised.

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

(19) INDIA

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

(54) Title of the invention : SPARK PLUG

(43) Publication Date : 02/01/2015

<u> </u>		1
(51) International classification	:H01T13/08,F02P13/00	(71)Name of Applicant :
(31) Priority Document No	:2011152782	1)NGK SPARK PLUG CO. LTD.
(32) Priority Date	:11/07/2011	Address of Applicant :14 18Takatsuji cho Mizuho ku Nagoya
(33) Name of priority country	:Japan	shi Aichi 4678525 Japan
(86) International Application No	:PCT/JP2012/002640	(72)Name of Inventor :
Filing Date	:17/04/2012	1)SUZUKI Akira
(87) International Publication No	:WO 2013/008371	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

Provided is a technology that ensures air tightness and can inhibit gasket looseness. A spark plug is provided with a cylindrical body extending in the direction of an axis and an annular gasket provided around the outside of the body. The gasket is solid is composed mainly of copper and contains at least 0.1% nickel by weight. The maximum thickness of the gasket in the direction of said axis is at least 0.4 mm and the Vickers hardness of the gasket is between 30 and 150 HV.

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

(19) INDIA

(22) Date of filing of Application :24/06/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF NANO-AMORPHOUS BORON POWDER

 (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 	:C01B :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DIRECTOR GENERAL, DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION Address of Applicant :MINISTRY OF DEFENCE, GOVT OF INDIA, ROOM NO 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110105, INDIA Delhi India (72)Name of Inventor : 1)BIKASH BHATTACHARYA 2)RAJ KISHORE PANDEY 3)HIMA PRASANTH 4)ANURAG TRIPATHI 5)ANANAD JAGANNATH JADHAV 6)RAMDAS SHANKAR KHOPADE 7)SHIREESH KUMAR PRALHAD NEWALE 8)ASHOK KUMAR GANGULI 9)MENAKA
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(57) Abstract :

Amorphous boron has potential applications as an advanced fuel in air breathing propulsion systems due to its high energy content. Elemental boron has one of the highest volumetric and gravimetric heats of combustion known and is therefore of interest as a high density fuel. The present invention relates to the preparation of nano particles of amorphous boron by magnesiothermic reduction of boric oxide at high temperature in tube furnace and chamber furnace under inert medium of argon. The invention also relates to the field of purification of crude nano boron powder by acid leaching process.

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

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : POLYMER NANOPARTICLES BASED VACCINE COMPOSITIONS AND METHODS FOR **PRÉPARATION THEREOF**

(57) Abstract :

The invention relates to polymer nanoparticle based vaccine compositions and methods for preparation thereof More particularly the invention relates to vaccine composition comprising an antigen or nucleic acid sequence encoding the antigen encapsulated in polymeric nanoparticle adjuvant comprising of at least one biodegradable polymer and at least one surfactant.

No. of Pages : 47 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A HANDLOOM WEAVING APPARATUS			
(51) International algorithms	D02D51/00		
(51) International classification		(71)Name of Applicant :	
(31) Priority Document No	:NA	1)DEPARTMENT OF SCIENCE AND TECHNOLOGY	
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF SCIENCE AND	
(33) Name of priority country	:NA	TECHNOLOGY, TECHNOLOGY, TECHNOLOGY BHAVAN,	
(86) International Application No	:NA	NEW MEHRAULI ROAD, NEW DELHI-110016 Delhi India	
Filing Date	:NA	2)VIVEKHA CHARITABLE TRUST	
(87) International Publication No	: NA	(72)Name of Inventor :	
(61) Patent of Addition to Application Number	:NA	1)RAJABATHER KUMARAVELU	
Filing Date	:NA	2)SAMBANDA SIVAKUMAR	
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A device for introducing dynamic shedding pattern which contains ground weaves I along with ornamental woven design is capable of electronically controlling individual or group movements of a warp threads without using heald frames. The shedding device consists an ARM processor based Master Controller unit (11) capable of controlling the device and showing the currently selected row from the design I information available in the multimedia memory card storage unit. The shedding 1 device has multiple Client controller unit (12) which is also based on ARM processor I and capable of accepting the Master Controller unit (11) broadcasted shedding 1 I pattern along with woven design and appropriate Client controller unit identification. I The Master controller has Play and Adjustment functions to control the shedding movement with help of Hooks Group Module (13).

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF HYDROPHOBIC EPOXIDE RESIN SYSTEM FOR ENCAPSULATION OF A INSTRUMENT TRANSFORMER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n:C08L63/00,C08L83/00,H01B3/40 :11179502.7 :31/08/2011 :EPO	 (71)Name of Applicant : 1)Huntsman Advanced Materials (Switzerland) GmbH Address of Applicant :Klybeckstr. 200 CH 4057 Basel Switzerland
(86) International Application No Filing Date	:PCT/EP2012/062349 :26/06/2012	(72)Name of Inventor : 1)BEISELE Christian
(87) International Publication No	:WO 2013/029831	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is the use of a curable composition for padding free encapsulation of instrument transformers comprising (a) a cycloaliphatic epoxy resin (b) a polyoxyalkylene diglycidylether (c) an OH terminated polysiloxane (d) a cyclic polysiloxane and (e) a non ionic fluoroaliphatic surface active reagent (f) a filler (g) a hardener selected from anhydrides (h) a curing accelerator selected from accelerators for anhydride curing of epoxy resins.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A DOT ELISA METHOD FOR SPECIFIC DETECTION OF ENTEROTOXIN B PRODUCING STRAINS OF S. AUREUS IN S SAMPLE

 (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 	:G01N33/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DIRECTOR GENERAL, DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI 110011. Delhi India (72)Name of Inventor : 1)RAMLAL, SHYLAJA 2)REDDY, KUDUMALA PRAKASH NARAYANA 3)URS, RADHIKA MADAN 4)MURALI, HARISHCHANDRA SRIPATHY 5)BATRA, HARSH VARDHAN
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(57) Abstract :

The present invention provides a dot ELISA method for specific detection of enterotoxin B producing strains of S. aureus in a sample. The steps include growing culture from sample in selective enrichment TYE Broth supplemented with ETDA, drying the culture spotted onto a nitrocellulose membrane, blocking the nitrocellulose membrane with 5% blocking agent in phosphate buffer saline, incubating the blocked nitrocellulose membrane with rabbit anti protein A, wherein the rabbit anti protein A binds with both soluble and surface protein A produced by S. aureus reducing the interference of the staphylococcal protein A in the dot ELISA, incubating the blocked nitrocellulose membrane with asecondary antibody labeled with an enzyme, and detecting the presence of the enterotoxin B producing strains of S. aureus based on colour change associated with enzyme-substrate reaction.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

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:H04B1/50	(71)Name of Applicant :
:1113129.9	1)BAE SYSTEMS PLC
:29/07/2011	Address of Applicant :6 Carlton Gardens London SW1Y 5A
:U.K.	U.K.
:PCT/GB2012/051793	(72)Name of Inventor :
:26/07/2012	1)PESCOD Christopher Ralph
:WO 2013/017844	2)NAWAZ Shahbaz
•NT A	
:NA	
:NA	
:NA	
	:1113129.9 :29/07/2011 :U.K. :PCT/GB2012/051793 :26/07/2012 :WO 2013/017844 :NA :NA :NA

(54) Title of the invention : RADIO FREQUENCY COMMUNICATION

(57) Abstract :

A bidirectional radio frequency RF communication unit (6); comprising: a transmit modem (23); a receive modem (25); an RF transceiver circuit; a coupling waveguide arrangement; and an antenna (12); wherein: the antenna (12) is used for both receiving and transmitting; the RF transceiver circuit transmits and receives at RF frequencies greater than or equal to 50 GHz; at least the majority of the RF transceiver circuit is provided on a single multilayer pcb (32); the coupling waveguide arrangement is provided in the form of respective transmit and receive waveguides provided within a diplexer (34) that has a common antenna coupling port and is in the form of a block; the multilayer pcb (32) and the diplexer (34) form a laminated structure; and transition interfaces between the RF transceiver circuit and the waveguide comprise one or more buried layer probe elements in a buried layer of the multilayer pcb (32).

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : STACKED HERBICIDE TOLERANCE EVENT 8264.42.32.1 RELATED TRANSGENIC SOYBEAN LINES AND DETECTION THEREOF

 (51) International classification :A01H5/00,C12N5/04,C12D (31) Priority Document No :61/507444 (32) Priority Date :13/07/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/046706 Filing Date :13/07/2012 (87) International Publication No :WO 2013/010094 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application :NA Filing Date :NA (62) Divisional to Application :NA Filing Date :NA (62) Divisional to Application :NA (62) Divisional to Application :NA (63) Abstract : 	 (71)Name of Applicant : 1)DOW AGROSCIENCES LLC Address of Applicant :9330 Zionsville Road Indianapolis Indiana 46268 U.S.A. 2)MS TECHNOLOGIES LLC (72)Name of Inventor : 1)HOFFMAN Thomas 2)PARKHURST Dawn Marie 3)ZHOU Ning 4)PAREDDY Dayakar 5)CUI Yunxing Cory 6)BARD Nathan 7)TOLEDO Sandra Grace 8)BRADFISCH Gregory Alan 9)HELD Bruce 10)SEKAR Vaithilingam 11)WANG Yang 12)CLARK Lauren 13)RUSSELL Sean Michael 14)SMITH Kelley Ann 15)WRIGHT Terry R.
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(57) Abstract :

This invention relates to soybean event pDAB8264.42.32.1 and includes novel expression cassettes and transgenic inserts comprising multiple traits conferring resistance to glyphosate aryloxyalkanoate and glufosinate herbicides. This invention also relates in part to methods of controlling resistant weeds plant breeding and herbicide tolerant plants. In some embodiments the event sequence can be stacked with other traits including for example other herbicide tolerance gene(s) and/or insect inhibitory proteins. This invention further relates in part to endpoint TAQMAN PCR assays for the detection of Event pDAB8264.42.32.1 in soybeans and related plant material. Some embodiments can perform high throughput zygosity analysis of plant material and other embodiments can be used to uniquely identify the zygosity of and breed soybean lines comprising the event of the subject invention. Kits and conditions useful in conducting these assays are also provided.

No. of Pages : 90 No. of Claims : 37

(21) Application No.370/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:H01H33/59,H01H9/54	(71)Name of Applicant :
(31) Priority Document No	:2011164090	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:27/07/2011	Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1058001 Japan
(86) International Application No	:PCT/JP2012/068959	(72)Name of Inventor :
Filing Date	:26/07/2012	1)KAWASAKI Kei
(87) International Publication No	:WO 2013/015356	2)KOSHIZUKA Tadashi
(61) Patent of Addition to Application	:NA	3)MARUYAMA Shiro
Number	:NA :NA	4)SAITO Minoru
Filing Date	.INA	5)NAGAYAMA Noriyuki
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at t		1

(54) Title of the invention : MAGNETIZING INRUSH CURRENT SUPPRESSION DEVICE

(57) Abstract :

Provided is a magnetizing current inrush suppression device (6) for suppressing a magnetizing inrush current in a three phase concurrently operating circuit breaker (2) that opens and closes a connection between a power source bus (1) and an effectively grounded modified Woodbridge connected transformer (3) wherein a three phase alternating current voltage of the power source bus (1) is measured the steady state magnetic flux of the transformer (3) is calculated a three phase AC voltage on the transformer (3) side is measured a residual magnetic flux of the transformer (3) after being shut down is calculated and when the polarity of the steady state magnetic flux and the residual magnetic flux matches in all phases the circuit breaker (2) is closed.

No. of Pages : 83 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : A SHEET FORMING TOOL AND A METHOD FOR THE MANUFACTURE OF A CORRUGATED SHEET

	n:B21D13/02,B31F1/20,B29C53/22	
(31) Priority Document No	:NA	1)SULZER CHEMTECH AG
(32) Priority Date	:NA	Address of Applicant :Sulzer Allee 48 CH 8404 Winterthur
(33) Name of priority country	:NA	Switzerland
(86) International Application	:PCT/CN2011/001197	(72)Name of Inventor :
No		1)CHIN Kimwah
Filing Date	:21/07/2011	2)SHENG Xiaolei
(87) International Publication	:WO 2013/010293	3)LI Yang
No		4)CHOTHUTSHANG Lhoden
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A sheet forming tool (1) for the manufacture of a corrugated sheet has a lower tool element (40) and an upper tool element (50) each of the upper tool element and the lower tool element having a front side (23 33 41) and a rear side (25 35 42). The lower tool element (40) comprises a first base element (2 4 6 8) and a first finger element (3 5 7 9) projecting from said first base element (2 4 6 8). The first finger element (3 5 7 9) forms a first ridge (22 24 26 28) for forming a corrugation peak in the sheet. The upper tool element (50) comprises a second base element (12 14) and a second finger element (13 15) projecting from said second base element (12 14) the second finger element (13 15) forming a second ridge (32 34) for forming a corrugation trough in said sheet. The first ridge (22 24 26 28) is arranged opposite to the second ridge (32 34) and the first ridge (22 24 26 28) is offset from the second ridge (32 34) as to allow for an engagement of the first finger element (3 5 7 9) and the second finger element (13 15) in an engaged position. Each of the first ridge (22 24 26 28) and second ridge (32 34) comprises a main portion (20) and an end portion (11 21) and the angle (36) between each of the first ridge (22 24 26 28) and second ridge (32 34) in the main portion (20) and the corresponding front side (23 33 41) is at least partly different from the angle between each of the first ridge (22 24 26 28) and second ridge (32 34) in the main portion (20) and second ridge (32 34) in the end portion (11 21) and the corresponding front side and a space is provided between the first finger element (3 5 7 9) and the engaged position.

No. of Pages : 32 No. of Claims : 15

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(51) International classification :F25D (71)Name of Applicant : (31) Priority Document No :PA 2011 00548 1)DANFOSS A/S (32) Priority Date Address of Applicant :Nordborgvej 81 DK 6430 Nordborg :15/07/2011 (33) Name of priority country :Denmark Denmark (86) International Application No :PCT/DK2012/000083 (72)Name of Inventor : Filing Date 1)LANGENBERG Gero C. :13/07/2012 (87) International Publication No :WO 2013/010539 2)FOGH Hans Erik (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR CONTROLLING DEFROST OPERATION OF A REFRIGERATION SYSTEM

(57) Abstract :

The invention relates to a method for controlling a refrigeration system by establishing a defrost period during an initial defrost period. One or more compressors of the refrigeration system are monitored to establish if the one or more compressors are running and a parameter representative of the one or more compressors running is monitored. The monitoring establishes at least one parameter limit value representative of whether a defrost period or a non defrost period is to be initiated. The invention also relates to a method for controlling a refrigeration system subsequent to an electrical power interruption. The invention also relates to control units for applying one or both of the methods according to the invention and to a refrigeration system having one or more control units controlling the refrigeration system according to one or both of the methods.

No. of Pages : 19 No. of Claims : 15

(21) Application No.373/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A23L1/31,A23B4/037 :2011155096 :13/07/2011 :Japan :PCT/JP2012/067917 :13/07/2012	 (71)Name of Applicant : 1)NISSIN FOODS HOLDINGS CO. LTD. Address of Applicant :1 1 Nishinakajima 4 chome Yodogawa ku Osaka shi Osaka 5328524 Japan (72)Name of Inventor : 1)NAKAYAMA Takateru
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:13/07/2012 :WO 2013/008910 :NA :NA :NA :NA	1)NAKAYAMA Takateru 2)YOSHIDA Kazuki 3)TAMURA Seiko 4)TANAKA Mitsuru

(54) Title of the invention : METHOD FOR PRODUCING DRIED FOOD

(57) Abstract :

A method for producing a meat based dried food which is to be reconstituted by pouring hot or cold water thereto before eating said method comprising: a step for treating a meat material or a meat based food with superheated steam; a step for freezing the meat material or meat based food having been treated with superheated steam; and a step for drying the frozen meat material or meat based food under reduced pressure. The dried food produced by the aforesaid method can be reconstituted within a short time of about 3 to about 5 minutes even though having a large thickness.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PRODUCING FORMAMIDES AND FORMIC ACID ESTERS

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:C07C67/00,C07C231/10,C07C69/06 :11175625.0 :27/07/2011	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor :
(33) Name of priority country	:EPO	1)SCHAUB Thomas 2)PACIELLO Rocco
(86) International Application No Filing Date	:PCT/EP2012/064508 :24/07/2012	3)PAZICKY Marek 4)FACHINETTI Giuseppe 5)PRETI Debora
(87) International Publication No	:WO 2013/014160	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for producing carboxylic acid derivatives of general formula (1a): H (C=0) R (la) in which R is selected from the group comprising OR and NRR wherein R is unsubstituted or at least monosubstituted C C alkyl C C cycloalkyl C C heterocyclyl C C aryl or C C heteroaryl wherein the substituents are selected from the group comprising C C alkyl C C alkoxy C C cycloalkyl and C C aryl; R and R independently of one another are hydrogen or unsubstituted or at least monosubstituted C C alkyl C C alkyl C C cycloalkyl C C heterocyclyl C C aryl or C C heteroaryl wherein the substituents are selected from the group comprising C C alkyl C C alkyl C C cycloalkyl C C heterocyclyl C C aryl or C C heteroaryl wherein the substituents are selected from the group comprising C C alkyl C C cycloalkyl and C C aryl or R and R form a five or six membered ring together with the nitrogen atom which ring optionally additionally contains one or more heteroatoms selected from O S and N which heteroatom bears the substituent R wherein R is hydrogen or C C alkyl; by reacting a reaction mixture (Rg) containing carbon dioxide hydrogen and an alcohol of general formula (Ib): R OH (Ib) in which R has the aforementioned meanings or an amine of general formula (Ic): NHRR (Ic) in which R and R independently of each other have the aforementioned meanings in a hydrogenation reactor in the presence of a catalyst containing gold at a pressure in the range of 0.2 to 30 MPa and a temperature in the range of 20 to 200 °C.

No. of Pages : 25 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

		-
(51) International classification	:F02M59/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 471857
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/004356	(72)Name of Inventor :
Filing Date	:01/08/2011	1)USUI Takashi
(87) International Publication No	:WO 2013/018129	2)ASAYAMA Kazuhiro
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : FUEL PUMP

(57) Abstract :

Provided is a fuel pump configured so that the excess thickness portions of the pump body are reduced to make the fuel pump compact and lightweight and so that the fuel pump is manufactured with improved productivity and has low cost. A fuel pump comprises a pump body (11) a plunger (12) which can be displaced in a reciprocating manner relative to the pump body (11) and valve elements which include both a suction valve (16) which permits the suction of fuel into a fuel pressurizing chamber (15) and a discharge valve (17) which permits the discharge of the fuel from the fuel pressurizing chamber (15). The pump body (11) is configured by including a tube shaped valve holding member (21) which holds the valve elements (16 17 19) a cylinder member (22) which is supported by the valve holding member (21) and which holds the plunger (12) in a slidable manner and an outer shell member (23) which has an inner wall surface (23a) facing the outer surface (21f) of the valve holding member (21) and which has a suction gallery chamber (13) defined by the inner wall surface (23a) and by the outer surface (21f) of the valve holding member (21).

No. of Pages : 44 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:B41M5/50,B41M5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT PACKARD DEVELOPMENT COMPANY
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive W.
(86) International Application No	:PCT/US2011/044962	Houston Texas 77070 U.S.A.
Filing Date	:22/07/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2013/015767	1)PAL Lokendra
(61) Patent of Addition to Application	:NA	2)FU Xulong
Number	:NA :NA	3)SELENSKY Ronald J.
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A 1-stars st s		1

(54) Title of the invention : INKJET RECORDING MEDIUM

(57) Abstract :

An inkjet recording medium includes a substrate an intermediate layer disposed on the substrate and an ink receiving layer disposed on the intermediate layer. The intermediate layer includes a binder an inorganic pigment and a pigment ink fixing agent chosen from divalent salts multivalent salts and combinations thereof. The ink receiving layer includes a non film forming polymer a binder chosen from any of water dispersible binders or water soluble binders and a pigment.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CABLE PORTION AND COMMUNICATION EQUIPMENT FOR LINKING SUBSCRIBER LINES TO A DATABUS LINE

(32) Priority Date(33) Name of priority country	:H01R13/66,H01R31/00,H04L25/02 :1156014 :04/07/2011 :France	 (71)Name of Applicant : 1)AXON CABLE Address of Applicant :Route de Chalons F 51210 Montmirail France (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/FR2012/051537 :03/07/2012	1)ROUCHAUD Gilles 2)COFFINET Christophe
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Cable portion comprising a databus line (54) and to which are linked one or more subscriber lines (52) by a coupling device. The data bus line and the subscriber line or lines each comprise a pair of twisted conductors, protected by a shield. The coupling device comprising a coupler (53) ensuring the transmission of data between the two parts of the databus line, as well as between the databus line and the subscriber line or lines, and connectors (56A,56B,58), make it possible to link the databus line and the subscriber line or lines in a rversible manner. The coupling device has a mass of less than 70 grammes and is held with the aid of a fixing collar, thereby allowing particularly practical integration of the cable portion so as to constitute a data transmission circuit.

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

(19) INDIA

(22) Date of filing of Application :30/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FASTENER

 (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 		 (71)Name of Applicant : 1)ROYAL COLLEGE OF ART Address of Applicant :Kensington Gore London SW7 2EU U.K. (72)Name of Inventor : 1)PARTON Benjamin
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The present invention provides a fastener for securing an element of a first cross-section (e.g. square) in a cylindrical hole of a second, different cross-section, e.g. circular. The fastener has at least two separ able parts (12,14) that each defines part of the opening an opening (16) of the shape of the element so that it can accommodate the element. The fastener has an outside perimeter of the shape of the second cross-section and that is able to fit into the hole. The fastener can be used to fix square legs to support an item of furniture in which a circular hole has been 10 drilled.

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

(21) Application No.304/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:B65D75/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application No	:PCT/US2011/047794	(72)Name of Inventor :
Filing Date	:15/08/2011	1)NGUYEN Quang
(87) International Publication No	:WO 2013/025198	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PACKAGED ORAL CARE IMPLEMENT & PACKAGE

(57) Abstract :

A packaged oral care implement and a package having an easy open feature. In one embodiment the invention utilizes a protuberance that acts as a fulcrum to force an edge of a tear away portion to protrude from a surface of the package in response to a force being applied to a force application area of the tear away portion.

No. of Pages : 32 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN AQUEOUS DISPERSIBLE POLYMER COMPOSITION

(51) International classification	:C08L101/02,C09D175/04	(71)Name of Applicant :
(31) Priority Document No	:1114542.2	1)NIPSEA TECHNOLOGIES PTE LTD
(32) Priority Date	:23/08/2011	Address of Applicant :16 Joo Koon Crescent Singapore
(33) Name of priority country	:U.K.	629018 Singapore
(86) International Application No	:PCT/SG2012/000297	(72)Name of Inventor :
Filing Date	:22/08/2012	1)WANG Shaofeng
(87) International Publication No	:WO 2013/028134	2)DOU Zeling
(61) Patent of Addition to Application	:NA	3)SEOW Swee How
Number	:NA :NA	4)LI Jingqiu
Filing Date	.INA	5)CHOATE Thomas F.
(62) Divisional to Application Number	· :NA	
Filing Date	:NA	

(57) Abstract :

An aqueous dispersible hydroxyl functional dendrimer polymer composition.

No. of Pages : 64 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : MANUFACTURE OF A TRIIODINATED CONTRAST AGENT

 (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 (62) Divisional to Application Number Filing Date 	:C07C231/02,C07C231/18,C07C235/16 :PT 105770 :24/06/2011 :Portugal :PCT/GB2012/000109 :02/02/2012 :WO 2012/175903 ? :NA :NA :NA	 (71)Name of Applicant : 1)HOVIONE INTER. LTD Address of Applicant :Bahnhofstrasse 21 CH 6000 Lucerne 7 Switzerland (72)Name of Inventor : 1)GALINDRO; Jose Manuel 2)CRUZ; Ana Cristina 3)BANDARRA; Jo£o Jos 4)HEGGIE; William
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(57) Abstract :

A new compound (S) 5 (2 acetoxypropanamido) 2 4 6 triiodoisophthalic acid of formula II (S) 5 (2 acetoxypropanamido) 2 4 6 triiodoisophthalic acid. Said new compound is of use for the production of triiodinated contrast agent especially lopamidol with low content of acetyl and hydroxyacetyl analogs. The new compound may be formed from 5 amino 2 4 6 triiodoisophtalic acid by acylating with (S) 1 chloro 1 oxopropan 2 yl acetate. The new compound may then be converted to the respective acid dichloride by reacting with a chlorinating reagent which is a further object of the present invention followed by the amidation with 2 amino 1 3 propanediol and acetate hydrolysis.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : GLYPHOSATE TOLERANT CORN EVENT VCO ~1981 5 AND KIT AND METHOD FOR DETECTING THE SAME

 (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 	:C12N15/82,C12N9/10 :61/512695 :28/07/2011 :U.S.A. :PCT/EP2012/064712 :26/07/2012 :WO 2013/014241 :NA :NA :NA :NA	 (71)Name of Applicant : GENECTIVE Address of Applicant :Rue Limagrain BP 1 F 63720 Chappes France (72)Name of Inventor : ARTIM MANN Lori BEILINSON Vadim CAROZZI Nadine DETER Rebekah VANDE BERG Brian TOPPAN Alain BEUF Laurent FREYSSINET Georges
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(57) Abstract :

The present invention relates to the field of plant transformation with genes conferring tolerance to glyphosate. The invention particularly relates to a maize (corn) plant transformed with a gene encoding an EPSPS providing the plant tolerance to an application of glyphosate under conditions where this herbicide is effective in killing weeds. The invention particularly concerns an elite transformation event VCO ~1981 5 comprising the gene construct and means kits and methods for detecting the presence of the said elite event.

No. of Pages : 49 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR SURFACTANT TASTE AND/OR ODOR IMPROVEMENT

(51) International classification	:B01D11/04,A61Q11/00	(71)Name of Applicant :
(31) Priority Document No	:61/514213	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:02/08/2011	Address of Applicant : One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	OH 45202 U.S.A.
(86) International Application No	:PCT/US2012/049332	(72)Name of Inventor :
Filing Date	:02/08/2012	1)HOKE II Steven Hamilton
(87) International Publication No	:WO 2013/019955	2)HAUGHT John Christian
(61) Patent of Addition to Application	:NA	3)HESTER Marc Alan
Number		4)CLAIR Brian David
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract :

Processes for improving the taste of water soluble surfactants using liquid liquid solvent extraction said process comprising the steps of: providing a water soluble surfactant composition in need of treatment wherein said water soluble surfactant composition comprises a water soluble surfactant and one or more undesirable non polar materials; contacting said water soluble surfactant composition with an extraction solvent and water to form an extraction mixture comprising an aqueous phase and a solvent phase; and separating the aqueous phase from the solvent phase; wherein the extraction solvent is selected from solvents having individual Hansen solubility parameters of a dispersion force component (d) ranging from about 15 to about 17 (MPa) a polar component (d) ranging from 0 to about 9 (MPa) and a hydrogen bonding component (d) ranging from 0 to about 11 (MPa) Treated water soluble surfactant compositions.

No. of Pages : 43 No. of Claims : 10

(21) Application No.379/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : VEGETABLE BASED NUTRITIONAL PRODUCTS

 (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 	PCT/US2012/049303 :02/08/2012 :WO 2013/019936 :NA :NA	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :55 Avenue Nestle CH 1800 Vevey Switzerland (72)Name of Inventor : 1)SAVANT Vivek Dilip
Filing Date	:NA	

(57) Abstract :

The present disclosure is generally directed to homogeneous plastic mass compositions. Specifically the present disclosure relates to vegetable based compositions in the form of vegetable or vegetable/fruit leathers. In a general embodiment nutritional products are provided that include at least about 75% by weight of at least one vegetable where the product is a homogeneous plastic mass having a water activity ranging from about 0.3 to about 1.0. In another embodiment nutritional products are provided that include at least one vegetable and at least about 40% by weight of at least one fruit where the product is a homogeneous plastic mass having a state mass having a water activity ranging from about 0.3 to about 1.0. Methods for making and using the nutritional products are also provided by the present disclosure.

No. of Pages : 31 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTAINER FOR THE ASEPTIC TRANSFER OF A BIOPHARMACEUTICAL PRODUCT (51) International classification :B01L1/02,G21F7/005 (71)Name of Applicant : (31) Priority Document No 1)SARTORIUS STEDIM FMT SAS :1157008 (32) Priority Date :29/07/2011 Address of Applicant :Z.I. des Paluds Avenue de Jouques F (33) Name of priority country 13400 Aubagne France :France (86) International Application No (72)Name of Inventor : :PCT/FR2012/051665 Filing Date 1)NODIN Ga«lle :12/07/2012 (87) International Publication No :WO 2013/017766 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to the field of the aseptic transfer of biopharmaceutical products between a container and a closed chamber. More particularly the invention relates to a container (20) specially for ensuring the transport and the aseptic transfer of a biopharmaceutical product from or to a closed chamber (10) provided with a leaktight joining device (40) comprising: an annular flange (30) delimiting an opening (26) a removable cover (28) built in means (110) for locking/unlocking the removable cover and a peripheral envelope (22). The built in locking/unlocking means (110) comprise a built in functional locking/unlocking arrangement (112) formed on the one hand by a through housing (114) formed in the annular flange (30) and a blind housing (116) formed in the removable cover (28) and on the other hand by a pin at an inner radial position (118) and a pin at an outer radial position (120). The container (20) is capable of being in an initial locking position in an intermediate unlocking position and in a final locking position owing to the displacements of the pin at an inner radial position (118) and the pin at an outer radial position (120) in the blind housing (116) of the removable cover (28) and in the through housing (114) of the annular flange (30).

No. of Pages : 40 No. of Claims : 24

(21) Application No.326/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

	Querte l'échimolité	
(51) International classification	:H01P5/107,H01Q9/28	(71)Name of Applicant :
(31) Priority Document No	:1113131.5	1)BAE SYSTEMS plc
(32) Priority Date	:29/07/2011	Address of Applicant :6 Carlton Gardens London SW1Y 5AD
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2012/051795	(72)Name of Inventor :
Filing Date	:26/07/2012	1)NIMAN Murray Jerel
(87) International Publication No	:WO 2013/017846	2)PIROLLO Bruno Peter
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : RADIO FREQUENCY COMMUNICATION

(57) Abstract :

A differential transmission transition interface comprising: a first and a second buried conducting track providing respectively first and second differential couplings between adifferential RF transmission output and a waveguide; the first buried conducting track extending over an opening (45) of the waveguide to provide a first RF coupling element (368b); and the second buried conducting track extending over the opening (45) to provide a second RF coupling element (468b); wherein: at least a portion (368d) of the first RF coupling element (368b) extends over thewaveguide opening (45) in a first angular direction; at least a portion (468d) of the second RF coupling element (468b) extends over the waveguide opening (45) in a second angular direction that is opposed to the firstangular direction.

No. of Pages : 50 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS FOR GENERATING THERAPEUTIC SHOCKWAVES AND APPLICATIONS OF SAME

 (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 	:A61H1/00 :61/508343 :15/07/2011 :U.S.A. :PCT/US2012/046674 :13/07/2012 :WO 2013/012724 :NA	 (71)Name of Applicant : 1)THE BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM Address of Applicant :201 West 7th St. Austin TX 78701 U.S.A. (72)Name of Inventor : 1)CAPELLI Christopher C.
(87) International Publication No	:WO 2013/012724	
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Apparatuses and methods to generate high frequency shock waves in a controlled manner. The generated shock waves can be delivered to certain cellular structures of a patient for use in medical and/or aesthetic therapeutic applications. The shock waves can be configured to impose sufficient mechanical stress to the targeted cells of the tissue to rupture the targeted cells. Embodiments of the apparatuses and methods of the present invention provide targeted rupturing of specific cells without damaging side effects such as cavitation or thermal degradation of surrounding non targeted cells.

No. of Pages : 45 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

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

 (51) International classification (31) Priority Document No (32) Priority Date (32) Priority Date (33) Name of priority (34) Name of priority (35) Name of priority (36) International (37) PCT/JP2012/07 (37) International (37) International (38) PCT/JP2012/07 (38) POP/2012 (37) International (37) International (37) International (38) PCT/JP2012/07 (38) POP/2012 (37) POP/2012 (38) POP/2012 (38) POP/2012 (38) POP/2012 (38) POP/2012 (39) POP/2012 (30) POP/2012 (31) POP/2012 (32) POP/2012 (31) POP/2012 (32) POP/2012 (31) POP/2012 (32) POP/2012 (32) POP/2012 (31) POP/2012 (32) POP/2012 (32) POP/2012 (32) POP/2012 (32) POP/2012 (32) POP/2012 (32) POP/2012 (33) POP/2012 (34) POP/2012 (35) POP/2012 (35) POP/2012 (36) POP/2012 (37) POP/2012 (37) POP/2012 (37) POP/2012 (38) POP/2012 (38) POP/2012 (39) POP/2012 (30) POP/2012 (31) POP/2012 (32) POP/2012 (31) POP/2012 (32) POP/2012 (32) POP/2012 (32) POP/2012 (31) POP/2012 (32) POP/2012 (32) POP/2012 (32) POP/2012<	3)IWAI Takanori	ku Tokyo
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(57) Abstract :

The objective of the invention is to provide a system a method and an apparatus for increasing the efficiency of equipment cost of the whole core network in a mobile communication system thereby reducing the cost. A core network comprises as nodes for managing the mobility of a terminal a plurality of nodes having different functions of services to be provided to the terminal. A node which is to be connected to the terminal is selected on the basis of subscriber information and terminal information on the core network side in accordance with a service characteristic to be used by the terminal or in accordance with a terminal type whereby the terminal and the selected node are connected.

No. of Pages : 73 No. of Claims : 25

(19) INDIA

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

(54) Title of the invention : WASHABLE LAYERED CUSHION

(43) Publication Date : 02/01/2015

 (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 	:A47C27/15,A47C31/10 :61/494089 :07/06/2011 :U.S.A. :PCT/US2012/041306 :07/06/2012 :WO 2012/170665 :NA :NA :NA :NA	 (71)Name of Applicant : SKYDEX TECHNOLOGIES INC. Address of Applicant :12508 E. Briarwood Avenue Suite 1 F Centennial Colorado 80112 U.S.A. (72)Name of Inventor : WYMAN Ethan Thomas FEIGHERY Daniel Antonio SUGANO Eric FOLEY Peter MANNEY Thomas METZER Collin BUCHEN Gerald DANIS John Marcell
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(57) Abstract :

A layered cushion (300) that may be fully disassembled for easy cleaning is disclosed herein. The sleep system is durable and fire retardant. The layered cushion (300) may include a foam layer (302) a layer of void cells (304) and a cover (308). The foam (302) permits fluids to move freely there through and contours to a users body to maximize comfort and reduce interface pressure. The reticulated foam layer (302) resists compression set and thermosetting. The layer of void cells (304) also permits fluids to move freely there through and provide additional support to the users body. The individual void cells of the void cell layer (304) are perforated to allow the transmission of fluids there through. The cover (308) couples the other layers together to form the layered cushion (300) and prevents the layers from deteriorating. The cover (308) is removable to permit cleaning each of the layers independently.

No. of Pages : 35 No. of Claims : 21

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TRANSITION-METAL-FREE N-ARYLATION OF TERTIARY AMINES USING ARYNES

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA Delhi India (72)Name of Inventor : 1)AKKATTU THANKAPPAN BIJU 2)SACHIN SURESH BHOJGUDE 3)TRINADH KAICHARLA
Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	3)TRINADH KAICHARLA

(57) Abstract :

The present invention relates to transition-metal-free process for the synthesis of tertiary arylamines comprises coupling reaction between arynes and N,N-dimethyl aniline compounds in presence of 18-crown-6, KF and THF.

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

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RUDDER PEDAL ADJUSTMENT ACTUATOR FOR INTERMEDIATE JET TRAINER

 (87) International Publication No (61) Patent of Addition to Application Number (62) Divisional to Application Number (63) Divisional to Application Number (64) Patent of Addition to Application Number (65) Divisional to Application Number (66) Divisional to Application Number (72) NA (72) Name of Inventor 1 (72) Name of Inventor 1	(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)ASERDC, HAL, ACCESSORIES DIVISION LUCKNOW Address of Applicant :DGM(EQUIPMENT) ASERDC ACCESSORIES DIVISION, FAIZABAD ROAD, LUCKNOW- 226016, U.P, INDIA. Uttar Pradesh India (72)Name of Inventor : 1)UMAKANT
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(57) Abstract :

Rudder Pedal adjustment Actuator is used for adjustment of Rudder Pedal at ground stage as per Pilots comfort. Rudder Pedal adjust Actuator is a linear actuator of Electromechanical type which is driven by a 28V DC permanent magnet, high speed, miniature type motor. DC motor rotates a gearing assembly made of two stages of spur gears, which in turn give the linear motion to an irreversible Lead screw I Tube Nut assembly, which drives the load linearly. Limit Switches in the design govern the electrical stroke length of the actuator. Actuator is driven either in extension or retraction mode by reversing the input supply through a Rudder Pedal adjust Switch available in the cockpit. A friction torque limiter limits the max. Load and absorbs the kinetic energy of the rotating parts in case of blocking. The actuator cannot be driven in reverse side under vi brationlload.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR CONTROLLING A REFRIGERATOR A CONTROL UNIT AND A REFRIGERATOR

 (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 	:F25D29/00 :PA 2011 00545 :15/07/2011 :Denmark :PCT/DK2012/000084 :13/07/2012 :WO 2013/010540 :NA :NA :NA :NA	 (71)Name of Applicant : DANFOSS A/S Address of Applicant :Nordborgvej 81 DK 6430 Nordborg Denmark (72)Name of Inventor : LANGENBERG Gero C. 2)FOGH Hans Erik
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(57) Abstract :

The invention relates to a method for controlling a refrigerator. The method comprises the steps of establishing a time interval of a certain duration a first use of the refrigerator starting a first time interval starting a subsequent time interval based on the start of the first time interval and subtracted a time difference. The subsequent time interval subtracted a time difference is being used for starting a cool down period of the subsequent time interval. The invention also relates to a control unit for the refrigerator and to a refrigerator with such control unit.

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

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONNECTOR ASSEMBLY WITH CHAMBER BLOCK AND CONTACT POSITION ASSURANCE

classification:H01R13/422,H01R13/436,H01R13/5061)T(31) Priority Document No:10 2011 051 291.8Germ(32) Priority Date (32) Priority Date (33) Name of priority country:Germany1)C(31) Priority Date (32) Priority Date (33) Priority Date (33) Priority Date (33) Priority Date (33) Priority Date (34) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date (36) Priority Date (36) Priority Date (36) Priority Date (36) Priority Date (36) P	 1)Name of Applicant : 1)TYCO ELECTRONICS AMP GMBH Address of Applicant : Amperestrasse 12 14 64625 Bensheim ermany 2)Name of Inventor : 1)GIMBEL Markus 2)GLASER Stefan Ernst 3)SELLIEN Kai
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(57) Abstract :

The invention relates to a plug type connector (1) having a chamber block (2) for receiving at least one contact element and having a contact fixing member (17) for fixing the position of the contact element in the chamber block (2). In order to also be able to produce the plug type connector (1) in a simple and cost effective manner even with small dimensions there is provision according to the invention for the contact fixing member (17) to be arranged so as to be at least partially accessible from outside the chamber block (2) in a recess (15) which is provided in the chamber block (2) and which is open transversely relative to the receiving direction (A).

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

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMPROVEMENT TO THE CONNECTION OF AN ACCESSORY TO A RECEPTACLE

 (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 	:PCT/FR2012/051662 :12/07/2012 :WO 2013/011231 :NA :NA	 (71)Name of Applicant : 1)SARTORIUS STEDIM FMT SAS Address of Applicant :Z.I. des Paluds Avenue de Jouques F 13400 Aubagne France (72)Name of Inventor : 1)BERNARD Frdric 2)CHAUSSIN Sbastien 3)GIBELIN Jrmy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The device (1) for the sealed connection to a receptacle (2) of an accessory (3) the active proximal part (9) of which is intended to be connected to the inside (4) of the receptacle (2) by an opening (7) in the receptacle (2) comprises a first means (15) a second means (16) and a chamber (18) the first means (15) comprising a proximal end part (32) which is secured by sliding in the proximal direction with insertion of a lateral sealing component (22) onto a matching part (19) of the receptacle (2) in the proximal direction the transverse head (14) corresponding to the lower surface of the first means (15) and being provided with a lateral head sealing component (28) and the second means (16) being capable of being pre assembled with the first means (15) by means of axial sliding in the proximal direction.

No. of Pages : 31 No. of Claims : 30

(21) Application No.293/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : TRACKING PROCESS TAKING INTO CONSIDERATION A LINEAR RELATIONSHIP

 (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 	:G01F23/284,G01F23/296 :11176609.3 :04/08/2011 :EPO :PCT/EP2012/064740 :26/07/2012 :WO 2013/017533 :NA :NA :NA :NA	 (71)Name of Applicant : 1)VEGA GRIESHABER KG Address of Applicant :Hauptstr. 1 5 77709 Wolfach Germany (72)Name of Inventor : 1)WELLE Roland 2)HOFERER Christian
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(57) Abstract :

According to an aspect of the invention previously obtained information on the role of individual echoes is taken into consideration in order to improve the further tracking of said echoes by means of a tracking process. The expected position of an echo can be determined by calculating a linear relationship between two tracks and it can be determined whether said position corresponds to an actual echo position in the echo curve.

No. of Pages : 39 No. of Claims : 10

(21) Application No.343/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:G01S1/04,G01S19/11	(71)Name of Applicant :
(31) Priority Document No	:61/502272	1)NEXTNAV LLC
(32) Priority Date	:28/06/2011	Address of Applicant :484 Oakmead Parkway Sunnyvale
(33) Name of priority country	:U.S.A.	California 94085 U.S.A.
(86) International Application No	:PCT/US2012/044452	(72)Name of Inventor :
Filing Date	:27/06/2012	1)RAGHUPATHY Arun
(87) International Publication No	:WO 2013/003492	2)SENDONARIS Andrew
(61) Patent of Addition to Application	:NA	3)KRASNER Norman
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : WIDE AREA POSITIONING SYSTEMS AND METHODS

(57) Abstract :

Devices systems and methods for sending positional information from transmitters/beacons (110) are disclosed. In one implementation a transmitter generates a range block including a ranging signal and a hybrid block including positioning data and sends the range block and hybrid block in predefined slots in a transmit frame. A receiver in a user device (120) receives signals from a plurality of transmitters and generates position/location information using trilateration and measured altitude information in comparison with transmitter altitude information.

No. of Pages : 79 No. of Claims : 63

(19) INDIA

(22) Date of filing of Application :16/01/2014

(54) Title of the invention : TITANIUM ALLOY

(43) Publication Date : 02/01/2015

(51) International classification	:C22C14/00	(71)Name of Applicant :
(31) Priority Document No	:2011162814	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:26/07/2011	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2012/004621	Tokyo 1008071 Japan
Filing Date	:20/07/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/014894	1)KAMINAKA Hideya
(61) Patent of Addition to Application	:NA	2)YONEMITSU Yoshihisa
Number		3)MATSUMOTO Satoshi
Filing Date	:NA	4)TAKEUCHI Kouichi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a titanium alloy formed from by mass% 0.01 to 0.15% of a platinum group element 0.001 to 0.10% of a rare earth element and Ti and impurities as the balance. Preferably the alloy comprises by mass% 0.05 to 1.00% of Co in place of a portion of the Ti and preferably the platinum group element content is 0.01 to 0.05%. Moreover preferably the platinum group element is Pd and the rare earth element is Y. As a result provided is a titanium alloy having good workability and corrosion resistance that is the same as or better than a conventional alloy wherein the titanium alloy has a lower platinum group content than a conventional alloy and is capable of withstanding corrosion over time or starting from damage in the form of a surface defect and the like.

No. of Pages : 43 No. of Claims : 5

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : PHOSPHODIESTERASE INHIBITORS APPLIED VIA THE TRANSVAGINAL ROUTE FOR THE TREATMENT OF INFERTILITY

(31) Priority Document No(32) Priority Date	:A61K9/00,A61K9/06,A61K47/10 :P 201131059 :23/06/2011	1)PARDINA PALLEJA Maria Carmen Address of Applicant :calle Muntaner 555 E 08022 Barcelona
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:Spain :PCT/ES2012/070453 :20/06/2012 :WO 2012/175775	Spain 2)VAZ ROMERO U'A Miguel ngel (72)Name of Inventor : 1)PARDINA PALLEJA Maria Carmen 2)VAZ ROMERO U'A Miguel ngel
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a new application of phosphodiesterase inhibitors for treating couple infertility which constitutes an effective alternative to invasive assisted reproduction techniques such as conjugal artificial insemination and which involves transvaginal administration of a phosphodiesterase inhibitor immediately before and/or after coitus. The present invention also relates to pharmaceutical forms suitable for intravaginal administration of phosphodiesterase inhibitors.

No. of Pages : 25 No. of Claims : 30

(21) Application No.401/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:C12N9/20,C12P7/62	(71)Name of Applicant :
(31) Priority Document No	:2011179720	1)The Nisshin OilliO Group Ltd.
(32) Priority Date	:19/08/2011	Address of Applicant :23 1 Shinkawa 1 chome Chuo ku Tokyo
(33) Name of priority country	:Japan	1048285 Japan
(86) International Application No	:PCT/JP2012/070983	(72)Name of Inventor :
Filing Date	:20/08/2012	1)NAKAMURA Yousuke
(87) International Publication No	:WO 2013/027697	2)TOYAMA Yuko
(61) Patent of Addition to Application	:NA	3)YAMAUCHI Yoshie
Number		4)HAKODA Yuko
Filing Date	:NA	5)UEHARA Hidetaka
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : METHOD FOR RECOVERING ACTIVITY OF LIPASE

(57) Abstract :

Provided are: a method for recovering an activity of a lipase comprising a moisture absorption step of bringing a composition containing the lipase into contact with a wet gas; a method for producing a lipase having a recovered activity comprising a step of providing a lipase having a reduced activity and a step of recovering the activity of the lipase having a reduced activity by the aforementioned recovering method; and a method for producing an ester synthesis product characterized by carrying out esterification or transesterification using the above mentioned lipase having a recovered activity.

No. of Pages : 37 No. of Claims : 12

(21) Application No.33/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : SINGLE SHAFT TRACK CHANGEABLE VIBRATION EXCITER

(51) International classification	:B07B1/28,B07B1/36,B07B1/42	
(31) Priority Document No	:2011202259154	1)ZHEJIANG BLACK AND WHITE MINING
(32) Priority Date	:28/06/2011	MACHINERY CO.LTD
(33) Name of priority country	:China	Address of Applicant :No36 Sitong West Rd. Shangxi Town
(86) International Application No	:PCT/CN2012/077574	Yiwu Zhejiang 321082 China
Filing Date	:27/06/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/000402	1)ZHU Xingliang
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	INA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract :

Disclosed is a single shaft track changeable vibration exciter comprising a vibration box (1) a bottom seat (2) a vibration exciting spring (19) and a vibration exciting shaft (3). The vibration exciting shaft (3) is disposed on the vibration box (1). The vibration exciting spring (19) is disposed between the vibration box (1) and the bottom seat (2). Multiple groups of track restricting rod assemblies are slantingly arranged on either side of the vibration box (1). Each group of track restricting rod assemblies comprises two track restricting rod assemblies symmetrically arranged on either side of the vibration box (1). The two ends of each track restricting rod assemblies has multiple designs and comprises one group or multiple groups. The vibration exciter achieves exciting forces of circular linear and elliptical movement tracks on one device all easily changeable by using a track restricting rod design in place of a multi shaft vibration exciter design. The present invention provides a single shaft track changeable vibration exciter that has a simplified structure low manufacturing cost and low energy consumption. The vibration exciter can be used in the horizontal position and the direction angles thereof can be easily adjusted. The present invention can be easily retrofitted onto old products on site and enhance the vibration exciting functions.

No. of Pages : 50 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : SLIDE TRAI	NSFER DEVICE	
 (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 		 (71)Name of Applicant : 1)VENTANA MEDICAL SYSTEMS INC. Address of Applicant :1910 Innovation Park Dr. Tucson Arizona 85755 U.S.A. (72)Name of Inventor : 1)DIEPERSLOOT David 2)HEBERT Raphael 3)MORICONI David

(57) Abstract :

A transfer device (100) comprises a housing (110) defining a chamber (130) carriers (120) and an adjustable spacing mechanism (124). The carriers (120) can be positioned in the chamber (130) and have receiving openings (158). The spacing mechanism (124) is configured to move carriers (120) relative to one another along a chamber (130) to a desired spatial arrangement. Items such as microscope slides (260) can be transferred between slide holder devices by using the transfer device (100). The pitch of the carriers (120) can be adjusted to receive and dispense slides (260).

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

(22) Date of filing of Application :15/01/2014

(54) Title of the invention : PROCESS FOR PREPARING A DIAMINE/DICARBOXYLIC ACID SALT

 (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 	:C07C209/68,C07C211/09,C07C211/12 :11175378.6 :26/07/2011 :EPO :PCT/EP2012/064698 :26/07/2012 :WO 2013/014236 ? :NA :NA :NA	 (71)Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor : 1)GROLMAN Eric 2)RULKENS Rudy
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(57) Abstract :

The present invention also relates to a process for preparing a diamine/dicarboxylic acid salt wherein the dicarboxylic acid comprises an aromatic dicarboxylic acid and is provided in a powder form; the diamine is provided in a liquid form gradually dosed to the dicarboxylic acid powder while keeping the dicarboxylic acid powder in constant movement; the processing temperature is above 0° C and below the boiling temperature of the diamine and the melting temperature of the acid and the salt and the reaction mixture comprises at most 5 wt.% of water. The present invention also relates to an anhydrous diamine/dicarboxylic acid salt obtainable by the process according to invention or any embodiment thereof as described above.

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

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : AUDIO SIGNAL PROCESSING APPARATUS IMAGING APPARATUS AUDIO SIGNAL PROCESSING METHOD PROGRAM AND RECORDING MEDIUM

 (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 	:G10L21/02,H04N5/225 :2011163045 :26/07/2011 :Japan :PCT/JP2012/063753 :29/05/2012 :WO 2013/015011 :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)OSAKO Keiichi 2)SEKIYA Toshiyuki 3)ABE Mototsugu
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To detect with a high degree of precision a noise interval including operational noise in a pulse state from an audio signal only collected without using drive control information from a drive apparatus; and to improve the precision of noise reduction. [Solution] An audio signal processing apparatus is provided with: a feature value extractor for extracting from an audio signal obtained from a noise collector a feature value showing operation noise in a pulse state generated from a noise generator installed in the same cabinet with the noise collector; and a noise assessment unit for assessing on the basis of the feature value whether the operation noise is included in the audio signal.

No. of Pages : 84 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:F02B37/12,F02B39/00,F02B37/18 :102011109196.7 :02/08/2011 :Germany :PCT/US2012/047919 :24/07/2012 :WO 2013/019468	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A. (72)Name of Inventor : 1)BOEHMER Manuel
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

The present invention relates to an exhaust-gas turbocharger (1) having a turbine housing (2) which has a turbine in let (3) and a turbine outlet (4) and which connects a wastegate duct (5) between the turbine housing inlet (3) and the turbine housing outlet (4), which wastegate duct can be opened and closed by means of a shut-off element (6), wherein the shut-off element is in the form of a piston (6) which is guided in a longitudinally displaceable manner in an interior space (14) of a guide (7), and wherein the wastegate duct (5) opens into the interior space (14) transversely with respect to the longitudinal central line (L) of the guide (7).

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

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A DRIVING FORCE BY BRINGING ABOUT DIFFERENCES IN PRESSURE IN A CLOSED GAS/LIQUID SYSTEM

 (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 	:11004923.6 :16/06/2011 :EPO :PCT/EP2012/002458 :11/06/2012 :WO 2012/171628 :NA :NA	 (71)Name of Applicant : 1)AKBAYIR Zeki Address of Applicant :Erbacher Str. 25 64743 Beerfelden Hetzbach Germany (72)Name of Inventor : 1)AKBAYIR Zeki
(62) Divisional to Application NumberFiling Date	:NA :NA	

(57) Abstract :

The invention relates to a method for producing a continuous driving force by providing kinetic energy of a liquid medium by means of bringing about differences in pressure in a closed system that is filled with liquid medium in particular water and gaseous medium in particular air and relates to a device for implementing the method wherein the device consists of a vessel (1) which is enclosed on all sides in which there is inserted an insert (2) that is open on its underside and in which a hollow body (3) with an outlet opening (4) is arranged on the upper side of the insert (2). Within the insert (2) a rotor (8) is arranged on a vertical shaft (7) said rotor (8) being driven by a motor (9). Fitted in the vessel (1) outside the insert (2) are one or more riser pipes (10) which are open at their lower ends and are inserted with their upper ends in the hollow body (3) above the insert (2) in a sealed off manner.

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

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:C07K14/64	(71)Name of Applicant :
(31) Priority Document No	:102011109367.6	1)PHARIS BIOTEC GMBH
(32) Priority Date	:04/08/2011	Address of Applicant : Feodor Lynen Str. 31 30625 Hannover
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/065218	(72)Name of Inventor :
Filing Date	:03/08/2012	1)FORSSMANN Wolf Georg
(87) International Publication No	:WO 2013/017679	2)DSCHIETZIG Thomas
(61) Patent of Addition to Application	:NA	3)ST,,NDKER Ludger
Number		4)ZGRAJA Andreas
Filing Date	:NA	5)HIRSCH Jochen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : PROCESS FOR PREPARING HUMAN RELAXIN 2

(57) Abstract :

A process for preparing human relaxin 2 having the following amino acid sequence: A chain : pGlu Leu Tyr Ser Ala Leu Ala Asn Lys Cys Cys His Val Gly Cys Thr Lys Arg Ser Leu Ala Arg Phe Cys B chain : Asp Ser Trp Met Glu Glu Val Ile Lys Leu Cys Gly Arg Glu Leu Val Arg Ala Gln Ile Ala Ile Cys Gly Met Ser Thr Trp Ser; comprising the following steps: providing the amino acids necessary for the synthesis of the A and B chains with usual protective groups wherein the cysteines are employed as trityl protected amino acids (L Cys(Trt) OH); effecting a chromatographic purification of the individual chains A and B after the solid state synthesis; followed by the simultaneous folding and combination of the individual chains A and B in ammonium hydrogencarbonate buffer at pH 7.9 to 8.4; and subsequent purification of the relaxin 2 formed.

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

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR MANUFACTURING A PHARMACEUTICAL COMPOSITION IN THE FORM OF EXTENDED RELEASE TABLETS CONTAINING PIRFENIDONE AND USE THEREOF IN THE REGRESSION OF CHRONIC RENAL INSUFFICIENCY BREAST CAPSULAR CONTRACTURE AND HEPATIC FIBROSIS IN HUMANS

(51) Internationalclassification(31) Priority Document No	:A61K9/16,A61K9/20,A61K31/4412 :MX/a/2011/007675	 (71)Name of Applicant : 1)CELL THERAPY AND TECHONOLOGY S.A. DE C.V. Address of Applicant :Av. Prolongacion Division del Norte
(32) Priority Date	:19/07/2011	No. 4280 Col. Prado Coapa C. P. 14300 Mexico D. F. Mexico
(33) Name of priority country	:Mexico	(72)Name of Inventor : 1)ARMENDARIZ BORUNDA Juan
(86) International Application No Filing Date	:PCT/MX2012/000067 :13/07/2012	2)MAGA'A CASTRO Jos Augustin Rogelio 3)CERVANTES GUADARRAMA Jorge
(87) International Publication No	:WO 2013/012307	
(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 method for manufacturing a pharmaceutical composition in the form of extended release tablets that include from 600 milligrams to 2400 milligrams of Pirfenidone (PFD) such that the drug containing same is bioavailable during an extended period of 12 hours from the administration thereof. This optimizes the anti fibrotic and anti inflammatory action of the Pirfenidone. Additionally the present invention offers advantages and better therapeutic effectiveness over other pharmaceutical forms of Pirfenidone for oral administration and the therapeutic use thereof in the regression of chronic secondary renal insufficiency to primary glomerulosclerosis; it shows greater activity in the decrease and/or regression of the toxic effects on the breast capsular contracture observed after surgical implantation of breast implants in humans and exercises a significant anti TNF a and anti TGF action in the treatment of hepatic fibrosis.

No. of Pages : 59 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:G09B19/00	(71)Name of Applicant :
(31) Priority Document No	:61/510612	1)NESTEC S.A.
(32) Priority Date	:22/07/2011	Address of Applicant :55 Avenue Nestle 1800 Vevey
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2012/047550	(72)Name of Inventor :
Filing Date	:20/07/2012	1)SAAVEDRA Jose Maria
(87) International Publication No	:WO 2013/016169	2)STORM Heidi Marie
(61) Patent of Addition to Application	:NA	3)DATTILO Anne McLaughlin
Number	:NA	4)MOORE Nancy Anne
Filing Date	.NA	5)UESUGI Keriann Hunter
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : METHODS FOR REDUCING CHILDHOOD OBESITY

(57) Abstract :

The present disclosure provides methods for preventing and/or reducing early childhood obesity that are based upon early inception (e.g. third trimester of pregnancy) anticipatory guidance (e.g. prior to an infant reaching a specific developmental stage) sequential guidance and nutritionally and developmentally appropriate dietary and parental feeding behaviors guidance all specifically targeting factors that have been associated with childhood obesity. The present methods may help instill early healthy eating habits and nutritious food preferences for infants and young children promote an appropriate early growth trajectory and a long term weight status that is consistent with public policy recommendations and associated with long term health.

No. of Pages : 82 No. of Claims : 21

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : ELECTRICAL CONTACTOR WITH FLYWHEEL DRIVE AND METHOD FOR SWITCHING AN ELECTRICAL CONTACTOR ON AND OFF

(32) Priority Date :02/0	2012 013170.4 /07/2012	 (71)Name of Applicant : 1)SCHALTBAU GMBH Address of Applicant :Hollenrithstrasse 5 81829 M¹/₄nchen Germany
No Filing Date :02/((87) International Publication	T/EP2012/003308 /08/2012 D 2014/005611	(72)Name of Inventor : 1)IGNATOV Andrej 2)KRALIK Robert
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date NA	Δ	

(57) Abstract :

The invention relates to an electrical contactor 1 particularly for use in railways having a stator 2 and an armature 3 said armature 3 being connected to a contact region 4a 4b and being movable from a first to a second position during a switch on and/or a switch off process of the contactor wherein the contact region 4a 4b is connected in at least one of said positions to a counter contact region 5a 5b for closing an electrical circuit wherein a pushing device 6 is connected to the armature which pushing device can be rotated relative to the armature 3 wherein the pushing device 6 pushes the armature 3 during the movement from the first to the second position of the switch on and/or switch off process at least at times in a supporting manner. The invention also relates to a method for switching on and/or off an electrical contactor 1 comprising the following steps: moving an armature 3 by activating and/or deactivating a stator; accelerating a rotation of a pushing device 6 said pushing device 3 to the armature 3 in a phase of the switch on and/or switch off process in which a contact region 4a 4b connected to the armature 3 comes into contact with and out of contact with a counter contact region 5a 5b to support the armature movement.

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

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF N SUBSTITUTED CYCLIC ALKYLENE UREAS

 (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 	:C0/D233/34,C0/D403/06,A61K31/4166 :11174655.8 :20/07/2011 :EPO :PCT/US2012/047310 :19/07/2012 :WO 2013/012995	 (71)Name of Applicant : 1)ALLNEX USA INC. Address of Applicant :1950 Lake Park Drive Smyrna GA 30080 U.S.A. (72)Name of Inventor : 1)GUPTA Ram 2)KOBYLANSKA Irina 3)TREASURER Urvee 4)FLOOD Lawrence
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(57) Abstract :

The invention relates to a process for the synthesis of N substituted cyclic alkylene ureas by reacting a multifunctional aliphatic amine A having at least two amino groups which may be primary or secondary at least one of which is a primary amino group NH and at least one of which is a secondary amino group >NH the other hydrogen group whereof having been substituted by a hydrocarbyl group which in turn may be substituted by a hydroxyl group or an amino group or a carboxyl group or a ketone carbonyl group or a hydrazide or hydrazone group or a mercaptan group and at least one further functional group selected from the group consisting of primary or secondary amino groups and hydroxyl groups and an aliphatic organic carbonate component C selected from the group consisting of dialkyl carbonates CD and of alkylene carbonates CA.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

		1
(51) International classification	·B6015/06 B62D25/02	(71)Name of Applicant :
	,	1)RENAULT S.A.S.
(31) Priority Document No	:1156503	· ·
(32) Priority Date	:18/07/2011	Address of Applicant :13 15 quai Le Gallo F 92100 Boulogne
(33) Name of priority country	:France	Billancourt France
(86) International Application No	:PCT/FR2012/051503	(72)Name of Inventor :
Filing Date	:29/06/2012	1)LEFEBVRE Benjamin
(87) International Publication No	:WO 2013/011219	2)COUSSEAU Sylvain
(61) Patent of Addition to Application	:NA	3)WULLSCHLEGER Michel
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MOTOR VEHICLE WITH SLIDING DOOR

(57) Abstract :

Motor vehicle with sliding door. Motor vehicle comprising a body shell (2) and at least one door opening (3) formed in said shell (2) and capable of engaging with a sliding door (8) in at least one guide rail (9) the length of one longitudinal direction of the vehicle (1) said shell (2) comprising a side panel (5) that runs alongside the door opening (3) and comprises on its outer surface (5b) a receiving cavity (12a) for the guide rail (9). The inner surface (5a) of the side panel (5) of the vehicle (1) comprises two means (16 17) of reinforcing the receiving cavity (12a) of the guide rail (9) of the sliding door (8).

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

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR IMPROVING THE WEAR RESISTANCE OF DYED SURGICAL INSTRUMENTS

 (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 	:PCT/EP2012/002910 :10/07/2012 :WO 2013/010647 :NA :NA	 (71)Name of Applicant : 1)Oerlikon Trading AG Tr¼bbach Address of Applicant :Hauptstrasse 53 CH 9477 Tr¼bbach Switzerland (72)Name of Inventor : 1)JANSSEN Albert Peter Gerhard 2)SINICCO Gabriella
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a method for improving the wear resistance of dyed surgical instruments having a vacuum resistant material as the main body which over the course of a vacuum coating step is coated with a thin layer of titanium and the coated surface is subjected to anodic oxidation. The method is characterized in that over the course of the vacuum coating step prior to coating with the layer of titanium at least parts of the main body are coated with a layer of hard material which improves the wear protection.

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PRODUCING COLD ROLLED STEEL SHEET

 (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 	:02/07/2012	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : HAGA Jun NISHIO Takuya WAKITA Masayuki TANAKA Yasuaki S)IMAI Norio TOMIDA Toshiro YOSHIDA Mitsuru HATA Kengo
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(57) Abstract :

This method for producing a high tensile strength cold rolled steel sheet having superior rolling properties work hardening properties and stretch flanging properties includes subjecting a slab having a chemical structure containing by mass% 0.020 0.30% exclusive of C over 0.10% and no greater than 3.00% of Si and over 1.00% and no greater than 3.50% of Mn to hot rolling at a rolling reduction in the last one pass of at least 15% and completing rolling at a temperature region that is at least the Ar point; after rolling completion cooling within a period of 0.4 seconds to a temperature region at or below 780°C; rolling up at a temperature region that is over 400°C or rolling up at a temperature less than 400°C and then performing hot rolled sheet annealing at at least 300°C; cold rolling the obtained hot rolled steel sheet or hot rolled annealed steel sheet; soaking at a temperature region that is at least the Ac point minus 40°C; cooling to a temperature region that is 300 500°C inclusive; and then annealing by holding in said temperature region for at least 30 seconds.

No. of Pages : 70 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMBUSTION ARRANGEMENT AND TURBINE COMPRISING A DAMPING FACILITY (51) International classification :F23R3/26,F23R3/54 (71)Name of Applicant : (31) Priority Document No 1)SIEMENS AKTIENGESELLSCHAFT :11177779.3 (32) Priority Date Address of Applicant :Wittelsbacherplatz 2 80333 M¹/₄nchen :17/08/2011 (33) Name of priority country :EPO Germany (86) International Application No :PCT/EP2012/064528 (72)Name of Inventor : Filing Date **1)BULAT Ghenadie** :24/07/2012 (87) International Publication No :WO 2013/023886 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

It is described a combustion arrangement (100) comprising: a casing (101); a combustion chamber (103) arranged within the casing (101) wherein an inner casing volume (107 109) is defined to be a volume inside the casing but outside the combustion chamber; a partitioning wall (105) partitioning the inner casing volume into a first volume portion (107) and a second volume portion (109) the partitioning wall having at least one aperture (111 113) to allow fluid communication (145) between the first volume portion (107) and the second volume portion (109); and a valve (115) arranged at the casing to allow an outgoing fluid flow (116) from the inner casing volume (107 109) to an outside (119) of the casing (101) depending on a valve operating position; wherein the combustion chamber has a combustion entry port (121) for supplying an oxidant into the combustion chamber (103) wherein the combustion entry port (121) is in fluid communication with the first volume portion (107) wherein the arrangement (100 125) is adapted to adjust the valve operating position for damping an oscillation of the arrangement.

No. of Pages : 28 No. of Claims : 14

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF 18F LABELLED BIOMOLECULES

 (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 	:C07B59/00,C07C67/10,C07C213/08 :1117786.2 :14/10/2011 :U.K. :PCT/EP2012/070400 :15/10/2012 :WO 2013/053940 :NA :NA	 (71)Name of Applicant : 1)GE HEALTHCARE LIMITED Address of Applicant : Amersham Place Little Chalfont Buckinghamshire HP7 9NA U.K. (72)Name of Inventor : 1)BHALLA Rajiv 2)WILSON Anthony 3)KHAN Imtiaz 4)BROWN Jane
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a method for the synthesis of F labelled biomolecules which is amenable to automation. The present invention also provides a cassette for automating the method of the invention. The method of the present invention provides numerous advantages over the prior art methods. One less purification step is required as compared with known methods. Also one less reagent is required as a particular reagent is employed in two different steps. The chemistry process is thereby simplified the cost of goods is reduced and the burden of validation and documentation of reagents required for GMP clinical production is minimised.

No. of Pages : 30 No. of Claims : 21

(21) Application No.392/DELNP/2014 A

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR CHECKING THE PRESENCE OF A ROTATING ELEMENT IN A MACHINE TOOL

(51) International classification	:B23Q17/09,B23Q17/24,B23B49/00	(71)Name of Applicant : 1)MARPOSS SOCIETA PER AZIONI
(31) Priority Document No	:BO2011A000415	Address of Applicant :Via Saliceto 13 I 40010 Bentivoglio BO
(32) Priority Date	:13/07/2011	Italy
(33) Name of priority country		(72)Name of Inventor :
(86) International Application No Filing Date	¹ :PCT/EP2012/063309 :06/07/2012	1)MALPEZZI Domenico 2)BARBIERI Nicola
(87) International Publication	:WO 2013/007655	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Checking method and apparatus for checking the presence of a rotating element (3) at a known or determinable rotational frequency (RF); an emitter (8) directs a main electromagnetic radiation (9) towards the rotating element (3); a receiver (10) receives a reflected electromagnetic radiation (11) which has been reflected by the rotating element (3); and a processing unit (12) samples the reflected electromagnetic radiation (11) to determine a rough signal (S) to analyze analyzes in the frequency domain the rough signal (S) to check whether the rough signal (S) includes a periodicity with a frequency corresponding to the rotational frequency (RF) of the rotating element (3) is actually present if the rough signal (S) includes a periodicity with a frequency (RF) of the rotating element (3).

No. of Pages : 27 No. of Claims : 21

(22) Date of filing of Application :17/01/2014

(54) Title of the invention : FIXED DOSE COMBINATION OF BIMATOPROST AND BRIMONIDINE

 (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 (57) Abstract : 	:61/509666 :20/07/2011 :U.S.A. :PCT/US2012/047586 :20/07/2012 :WO 2013/013143	 (71)Name of Applicant : 1)ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California 92612 U.S.A. (72)Name of Inventor : 1)GRAHAM Richard S. 2)PUJARA Chetan P. 3)GORE Anuradha V. 4)WARNER Kevin S. 5)NEERVANNAN Sesha
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(57) Abstract :

The present invention is directed to compositions comprising combinations of brimonidine and bimatoprost useful for lowering intraocular pressure in a patient and for the treatment of glaucoma.

No. of Pages : 17 No. of Claims : 20

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS FOR RESETTING STALLED PUMPS IN ELECTRONICALLY CONTROLLED **DISPENSING SYSTEMS**

 (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 	:A47K5/12 :13/193936 :29/07/2011 :U.S.A. :PCT/US2012/046835 :16/07/2012 :WO 2013/019392 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GOJO INDUSTRIES INC. Address of Applicant :One GOJO Plaza Suite 500 Akron Ohio 44311 U.S.A. (72)Name of Inventor : 1)REYNOLDS Aaron R. 2)WEGELIN Jackson W. 3)QUINLAN JR. Robert L. 4)HACKNEY Robert S. 5)TRUONG Cuong
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(57) Abstract :

A system and related method is disclosed for resetting a stalled pump in a fluid dispensing system. In one embodiment the presence of a user s hand is detected to start a pump actuator associated with a refill container. A controller associated with a motor actuates the pump actuator by rotating a motor shaft in a first direction. The current sensor is monitored and when the current sensor detects a predetermined level of current the motor shaft is reversed to a starting position.

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

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENCODING DEVICE AND ENCODING METHOD AND DECODING DEVICE AND DECODING METHOD

(51) International classification	:H04N7/32	(71)Name of Applicant :
(31) Priority Document No	:2011164422	1)SONY CORPORATION
(32) Priority Date	:27/07/2011	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2012/067716	(72)Name of Inventor :
Filing Date	:11/07/2012	1)ICHIKI Shoji
(87) International Publication No	:WO 2013/015116	2)TSUKAGOSHI Ikuo
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(57) Abstract :

This technique relates to an encoding device and an encoding method and a decoding device and a decoding method which allow images having a high frame rate to be encoded or decoded in a method that is compatible with an existing low frame rate image format. A base encoder encodes among high frame rate data image data having an existing frame rate as a base view. A non base encoder refers to the base view and encodes as a non base view image data from the high frame rate data other than that corresponding to the base view. An SEI generator generates display control information. An antenna transmits the encoded base view the encoded non base view and the display control information. This technique can be applied to e.g. a TV transmitter for transmitting TV broadcasts.

No. of Pages : 104 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : SAFETY IV	CATHETER ASSEMBLY	Ι
 (54) Title of the invention : SAFETY IV (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 		 (71)Name of Applicant : (71)Name of Applicant : 1)COVIDIEN LP Address of Applicant :15 Hampshire Street Mansfield MA (2048 U.S.A. (72)Name of Inventor : (72)Name of Inventor : 1)WALKER Sandra A. 2)MARTZ Kevin R. 3)SHARP Brian P. 4)STEUBE Gregory A.
Filing Date	:NA	

(57) Abstract :

A safety intravenous (IV) catheter assembly is disclosed which includes a safety device having a housing (714) defining a cavity (731) and distal (724) and proximal (726) openings and a biasing member (716) positioned within the cavity. The biasing member is movable from a first position to a second position to tilt the housing in relation to a needle (718) when the needle tip is withdrawn through the distal opening of the housing to misalign the needle tip and the distal opening. A blocking arm (716c) is provided on the biasing member to prevent the biasing member from moving from the second position back to the first position.

No. of Pages : 59 No. of Claims : 21

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : SELECTIVE OPERATION VALVE FOR A RECIPIENT FOR BIOPHARMACEUTICAL USE

	n:F16K3/26,B65D47/28,B65D47/24	
(31) Priority Document No	:1156541	1)SARTORIUS STEDIM FMT SAS
(32) Priority Date	:19/07/2011	Address of Applicant :Z.I. des Paluds Avenue de Jouques F
(33) Name of priority country	:France	13400 Aubagne France
(86) International Application	DCT/ED2012/051662	(72)Name of Inventor :
No	:PCT/FR2012/051663 :12/07/2012	1)BLAKE Florian
Filing Date	.12/07/2012	2)GIBELIN Jrmy
(87) International Publication No	:WO 2013/011232	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Selective operation valve for a recipient for biopharmaceutical use. The valve comprises a female part (3) having a closed transverse proximal end wall and a tubular wall integral with a flange part(8) a lateral valve opening (9) being formed on the proximal section of the tubular wall a male part (4) having a tubular wall forming on the proximal side a closing/opening part (15a) having an open transverse proximal end; the closing/opening part (15a) has an external shape and an external dimension that fit the internal shape and internal dimension of the proximal receiving part (10) of the female part (3); the sealing means comprise three ring seals separated from one another in an axial direction supported by the upper surface of the tubular wall of the male part (4) and engaging with the female part a proximal seal (20) to the fluid product associated with the closing/opening part (15a) a distal seal (21) to contaminants of external origin the furthest from the proximal seal (20) and an intermediate seal (22) to the fluid product and to contaminants of external origin between the proximal seal (20) and the distal seal (21).

No. of Pages : 21 No. of Claims : 23

(22) Date of filing of Application :18/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : HYDROSILYLATION REACTION CURABLE COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE

(51) International classification:C07F17/021(31) Priority Document No:61/502438(32) Priority Date:29/06/2011(33) Name of priority country:U.S.A.(86) International Application No:PCT/EP2012/061826Filing Date:20/06/2012(87) International Publication No:WO 2013/000788(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA6:NA7:NA8:NA8:NA	 1)Name of Applicant : 1)DOW CORNING CORPORATION Address of Applicant :2200 West Salzburg Road PO Box 994 10 Address of Applicant :200 West Salzburg Road PO Box 994 11 Address of Applicant : 2)Name of Inventor : 1)CRAY Stephen 2)MARCINIEC Bogdan 3)NGUYEN Binh 4)SURGENOR Avril 5)TAYLOR Richard 6)TZOU Ming shin 7)VANDORT Paul 8)POSALA Krystian 9)KOWNACKI Ireneusz
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(57) Abstract :

A composition contains (A) a hydrosilylation reaction catalyst and (B) an aliphatically unsaturated compound having an average per molecule of one or more aliphatically unsaturated organic groups capable of undergoing hydrosilylation reaction. The composition is capable of reacting via hydrosilylation reaction to form a reaction product such as a silane a gum a gel a rubber or a resin. Ingredient (A) contains a platinum ligand complex that can be prepared by reacting a platinum precursor and a ligand.

No. of Pages : 50 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:F21S8/04,F21Y101/02	(71)Name of Applicant :
(31) Priority Document No	:2011159794	1)HITACHI LTD.
(32) Priority Date	:21/07/2011	Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008280 Japan
(86) International Application No	:PCT/JP2012/068378	(72)Name of Inventor :
Filing Date	:19/07/2012	1)ISHII Isao
(87) International Publication No	:WO 2013/012046	2)UEDA Yoshimi
(61) Patent of Addition to Application	:NA	3)HIRAKAWA Takahiro
Number	:NA :NA	4)TERAGUCHI Kazuhiko
Filing Date	.inA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LED ILLUMINATION DEVICE AND RAIL VEHICLE USING SAME

(57) Abstract :

An LED illumination device has: a substrate on which a plurality of LED light emitting elements are mounted; a bottom face on which the substrate is fixed; and side wall faces extending from this bottom face. There is provided a frame whereof the face opposite this bottom face presents an open face and a first aperture window through which passes light emitted from this LED light emitting element. Also the LED illumination device comprises: an ornamental cover that is mounted from the open face side with respect to the frame; a first transparent plate that is fixed to the ornamental cover so as to cover the first aperture window through which some of the light emitted from the LED light emitting element is passed while some thereof is reflected or dispersed; and a second aperture window provided in at least one of the side wall faces and through which the reflected or dispersed light from the first transparent plate is passed to the outside.

No. of Pages : 64 No. of Claims : 19

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR OPTIMIZING FIT OF AN IMPLANT TO ANATOMY

 (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 	:A61B19/00 :61/509928 :20/07/2011 :U.S.A. :PCT/US2012/047647 :20/07/2012 :WO 2013/013170 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SMITH & NEPHEW INC. Address of Applicant :1450 Brooks Road Memphis Tennessee 38116 U.S.A. (72)Name of Inventor : 1)MCKINNON Brian 2)MARINESCU TANASOCA Ruxandra Christiana 3)WINEBARGER Randy C. 4)BOWERS JR William L. 5)WIEBE III James Bennett 6)LENZ Nathaniel Milton 7)WILKINSON Zachary Christopher 8)HADDOCK Sean M. 9)LANDON Ryan Lloyd
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(57) Abstract :

A system and method for pre operatively optimizing a fit of an orthopaedic implant relative to a particular individuals anatomy is provided. The method includes: receiving information including a three dimensional anatomic model of the individuals anatomy; computing a periphery of a simulated resection portion of the anatomic model without reference to any abnormal morphology; identifying a preliminary size for an orthopaedic implant component for use on the simulated resection surface; initially positioning the orthopaedic implant model relative to the simulated resection portion; generating random point sets around the peripheries of the simulated resection portion and the orthopaedic implant model; utilizing a position optimizer to determine whether the position of the orthopaedic implant periphery relative to the simulated resection portion periphery is optimal; determining whether the selected orthopaedic implant model results in overhang; and verifying the position of the orthopaedic implant and/or the size of the orthopaedic implant.

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

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOVEL CLOSTRIDIUM DIFFICILE DNA VACCINE

 (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 	:A61K48/00,A61K39/08 :61/506973 :12/07/2011 :U.S.A. :PCT/US2012/046422 :12/07/2012 :WO 2013/055420	 (71)Name of Applicant : 1)PHILADELPHIA HEALTH & EDUCATION CORPORATION Address of Applicant :d/b/a Drexel University College Of Medicine 245 N. 15th Street Philadelphia PA 19102 U.S.A. 2)INOVIO PHARMACEUTICALS INC. 3)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	 (72)Name of Inventor : 1)KUTZLER Michele 2)BALIBAN Scott 3)WEINER David B. 4)SARDESAI Niranjan Y. 5)KIM J. Joseph

(57) Abstract :

The invention relates to compositions and methods for treating C. difficile associated disease (CD AD) through the administration to a subject in need thereof at least one nucleic acid encoding at least a portion of at least one of toxin A and toxin B.

No. of Pages : 91 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : AIRCREW RESTRAINT SYSTEM WITH INTEGRATED COMMUNICATIONS AND CONTROLS

(51) International classification	:B64C1/00	(71)Name of Applicant :
(31) Priority Document No	:13/166217	1)CONAX FLORIDA CORPORATION
(32) Priority Date	:22/06/2011	Address of Applicant :2801 75th Street North St. Petersburg
(33) Name of priority country	:U.S.A.	FL 33710 U.S.A.
(86) International Application No	:PCT/US2012/043753	(72)Name of Inventor :
Filing Date	:22/06/2012	1)MEGGS Daniel
(87) International Publication No	:WO 2012/178012	2)BLACKMAN Donald
(61) Patent of Addition to Application	:NA	3)FORD Brian
Number		4)ROBINSON Justin
Filing Date	:NA	,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexture et :		•

(57) Abstract :

Disclosed is a restraint system for a vehicle such as a wheeled vehicle boat or fixed or rotary winged aircraft. The system includes a control system integrated into the harness and strap of the restraint. This permits crewmembers to lock and unlock the restraint from a body worn control panel. Other auxiliary equipment also be operated from the control panel. In another embodiment wiring for a communication system is integrated into the harness and strap.

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

(21) Application No.423/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : TREATMEN	Г APPARATUS FOR ЕХ	TERNAL APPLICATION TO A MAMMAL BODY
 (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 	:A61N7/00 :1111012.9 :29/06/2011 :U.K. :PCT/GB2012/051512 :28/06/2012 :WO 2013/001302	 (71)Name of Applicant : 1)CURAR ANIMAL THERAPEUTICS LTD Address of Applicant :Toffee Factory Lower Steenberg Yard Newcastle upon Tyne Tyne and Wear NE1 2DF U.K. (72)Name of Inventor : 1)FLOYD Helen 2)MASTERS Peter
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A treatment apparatus for external application to a mammal body comprising a housing a transducer element adapted to provide an output towards and/or into the mammal body a switch element adapted to activate the transducer element in accordance with a first predetermined condition and deactivate the transducer element in accordance with a second predetermined condition a feedback element adapted to provide at least one first feedback signal in response at least a third predetermined condition and a resilient coupling element adapted to operatively couple the transducer element to said housing.

No. of Pages : 34 No. of Claims : 26

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : RETINOID TOPICAL COMPOSITIONS AND METHODS FOR TREATING SKIN CONDITIONS

 (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 (62) Divisional to Application Number Filing Date 	:A61K8/368,A61K31/136,A61K31/327 :61/503210 :30/06/2011 :U.S.A. :PCT/US2012/043833 :22/06/2012 :WO 2013/003236 :NA :NA :NA	 (71)Name of Applicant : 1)ALLERGAN INC. Address of Applicant :2525 Dupont Drive Irvine California 92612 U.S.A. (72)Name of Inventor : 1)OEFELEIN Michael G. 2)EHRHARDT Jeffrey R. 3)AHLUWALIA Gurpreet
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(57) Abstract :

A topical pharmaceutical composition comprising tazarotene and one or more of an anti inflammatory or anti bacterial agent. Also provided is a method for treating skin conditions such as acne utilizing the above topical pharmaceutical composition.

No. of Pages : 25 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :03/01/2014

(54) Title of the invention · DISPENSER USE MONITOR

(43) Publication Date : 02/01/2015

(94) The of the invention : DISTERSER	COL MORTON	
(51) International classification	:G07C1/10,G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:61/506376	1)GOJO INDUSTRIES INC.
(32) Priority Date	:11/07/2011	Address of Applicant :One GOJO Plaza Suite 500 P.O. Box
(33) Name of priority country	:U.S.A.	991 Akron Ohio 44309 U.S.A.
(86) International Application No	:PCT/US2012/043334	(72)Name of Inventor :
Filing Date	:20/06/2012	1)WEGELIN Jackson W.
(87) International Publication No	:WO 2013/009445	2)ARCHER Matthew J.
(61) Patent of Addition to Application	:NA	3)CIAVARELLA Nick E.
Number	:NA	4)GANNON Deirdre
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A dispenser use monitor provides a housing configured to be removably attached to a portable dispenser such as a soap dispenser. The housing includes a controller that stores one or more reference ID codes that match the tag ID codes associated with each of one or more data tags. The data tags are used to identify predetermined areas in which the portable dispenser is to be used. Thus as the use monitor is brought into proximity with each data tag indicating that the portable dispenser has been used in the associated area the use monitor validates the reference ID codes if it matches the tag ID code of the particular data tag. In addition an indicator displays the remaining number of reference ID codes that have not been validated thereby providing a reminder to the user of the portable dispenser of the progress of their job completion.

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

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : BATCH CLEANING APPARATUS AND METHOD FOR BATCH CLEANING PRINTED CIRCUIT BOARDS

(51) International classification	:H05K3/26,H05K3/00	(71)Name of Applicant :
(31) Priority Document No	:13/186683	1)ILLINOIS TOOL WORKS INC.
(32) Priority Date	:20/07/2011	Address of Applicant :3600 West Lake Avenue Glenview
(33) Name of priority country	:U.S.A.	Illinois 60026 U.S.A.
(86) International Application No	:PCT/US2012/047149	(72)Name of Inventor :
Filing Date	:18/07/2012	1)BECKER Eric Wayne
(87) International Publication No	:WO 2013/012899	2)NEIDERMAN John
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(57) Abstract :

A batch cleaning apparatus includes a housing including a process chamber a fluid holding tank supported by the housing and a fluid delivery manifold assembly removably disposed in the process chamber of the housing and in fluid communication with fluid holding tank. The fluid delivery manifold assembly includes a fluid inlet port selectively coupled to the fluid holding tank a plurality of distribution manifolds in fluid communication with the fluid inlet port and a plurality of spray bars in fluid communication with the distribution manifolds. The spray bars are configured to provide support for printed circuit boards during a cleaning operation. Other embodiments of batch cleaning apparatus and methods of batch cleaning are further disclosed.

No. of Pages : 21 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOVEL SOFT PDE4 INHIBITORS

 (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 	:C07D213/75,C07D401/12,C07D405/12 :1113689.2 :09/08/2011 :U.K. :PCT/EP2012/065555 :09/08/2012 :WO 2013/021021 ^{:0} :NA :NA :NA	 (71)Name of Applicant : 1)AMAKEM NV Address of Applicant :Life Sciences Incubator Agoralaan A bis B 3590 Diepenbeek Belgium (72)Name of Inventor : 1)LEYSEN Dirk 2)DEFERT Olivier 3)BOLAND Sandro
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(57) Abstract :

The present invention relates to new phosphodiesterase inhibitors more specifically soft PDE4 inhibitors compositions in particular pharmaceuticals comprising such inhibitors and to uses of such inhibitors in the treatment and prophylaxis of disease. In particular the present invention relates to new soft PDE4 inhibitors compositions in particular pharmaceuticals comprising such inhibitors and to uses of such inhibitors in the treatment and prophylaxis of disease. In addition the invention relates to methods of treatment and use of said compounds in the manufacture of a medicament for the application to a number of therapeutic indications including inflammatory diseases.

No. of Pages : 67 No. of Claims : 16

(21) Application No.461/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : ROLLER CHANGING APPARATUS FOR FURNACES

(32) Priority Date:25/07/2011(33) Name of priority country:Germany(86) International Application No:PCT/EP2012/064620	 71)Name of Applicant : 1)EBNER INDUSTRIEOFENBAU G.M.B.H. Address of Applicant :Ebner Platz 1 A 4060 Leonding Austria 72)Name of Inventor : 1)EBNER Robert 2)SAUSCHLAGER Andreas
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(57) Abstract :

The invention relates to a roller changing apparatus (1) for changing a roller (6) from a multiplicity of rollers (6) in a furnace (10) for the thermal treatment of components (50) wherein the roller changing apparatus (1) has a housing (2) which can be closed off and in which a first protective gas atmosphere can be formed and a roller handling device (4) which is arranged at least partially in the housing (2) and which is designed to remove the roller (6) to be exchanged from the furnace (10) and to fit a replacement roller (6) in the furnace (10) while maintaining a high temperature and a second protective gas atmosphere in the furnace (10) during the roller change.

No. of Pages : 54 No. of Claims : 22

(21) Application No.472/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:C12P19/04	(71)Name of Applicant :
(31) Priority Document No	:61/500527	1)AGRINOS AS
(32) Priority Date	:23/06/2011	Address of Applicant : Fornebuveien 1 N 1366 Lysaker
(33) Name of priority country	:U.S.A.	Norway
(86) International Application No	:PCT/EP2012/062238	(72)Name of Inventor :
Filing Date	:25/06/2012	1)LPEZ CERVANTES Jaime
(87) International Publication No	:WO 2012/175738	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PROCESS FOR MAKING CHITIN DERIVATIVES

(57) Abstract :

Disclosed is a process comprising (1) forming an aqueous mixture comprising a microbial composition and solid chitin wherein said microbial composition comprises one or more microbes that produce chitin digesting enzymes; and (2) fermenting the mixture for a time sufficient to enzymatically digest all or part of the chitin to form a fermented mixture comprising chitosan and glucosamine. In some embodiments the chitin is derived from the biodegradation of chitin containing marine Arthropods. In other embodiments the chitin is obtained from chitin containing fungi filamentous fungi and yeast which is extracted via a chemical process. In yet another embodiment the chitin is obtained by the biodegradation of chitin containing fungi filamentous fungi grant and/or insects preferably using HQE for the digestion. In some embodiments the process is carried out with a solution that already contains chitosan and/or glucosamine such as HYTb the aqueous fraction obtained from the biodegradation of chitin containing organisms.

No. of Pages : 38 No. of Claims : 22

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : NUCLEIC ACID MOLECULES ENCODING ENZYMES THAT CONFER DISEASE RESISTANCE IN JUTE

 (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 	:A01H1/00 :61/500407 :23/06/2011 :U.S.A. :PCT/US2012/041467 :08/06/2012 :WO 2012/177418 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BANGLADESH JUTE RESEARCH INSTITUTE Address of Applicant :Manik Mia Avenue Dhaka 1207 Bangladesh (72)Name of Inventor : 1)ALAM Maqsudul 2)KHAN Haseena 3)ZAMAN Mahboob 4)UDDIN Mohammed Kamal 5)HAQUE Mohammed Samiul 6)ISLAM Mohammed Shahidul 7)AZAM Muhammad Shafiul 8)MAHMOOD Niaz
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(57) Abstract :

The invention further relates to vectors host cells seeds and plants comprising such a nucleic acid molecule. One aspect of the invention is an isolated antibody or antigen binding fragment thereof that specifically binds to a polypeptide molecule of the present invention. One aspect of the invention is a plane or plant cell transfected by a vector of the present invention. One aspect of the invention relates to isolated nucleic acid molecules and fragments thereof encoding enzymes or proteins involved in disease resistance in jute.

No. of Pages : 217 No. of Claims : 53

(21) Application No.386/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMPROVEMENTS RELATING TO PERSONAL SECURITY DEVICES

 (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 	:G08B25/01,G08B21/02 :1111644.9 :07/07/2011 :U.K. :PCT/GB2012/000578 :09/07/2012 :WO 2013/004998 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OMARCO NETWORK SOLUTIONS LIMITED Address of Applicant :First Floor Millennium House Victoria Road Douglas IM2 4RW U.K. (72)Name of Inventor : 1)OMAR Ralph Mahmoud
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(57) Abstract :

A personal security device for use in signaling an alarm event is described which is arranged to be worn on or about the human body in an accessible manner. The device comprises: user operable activation means for activating a response to an alarm event the activation means being activatable by a physical change of state caused by user interaction with the activation means and being arranged to indicate activation to the user in a subtle non obvious manner a transmitter responsive to the activation means for transmitting an alarm event signal indicating the occurrence of an alarm event; and an inactive power source integrated into the device the inactive power source being coupled to the transmitter. The activation means is arranged to interact with the inactive power source to activate the same and thereby electrically power the transmitter and initiate the sending of the alarm event signal.

No. of Pages : 25 No. of Claims : 41

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS OF TREATING CARDIOVASCULAR DISEASES AND PREDICTING THE EFFICACY OF EXERCISE THERAPY

 (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 	:61/508923 :18/07/2011 :U.S.A. :PCT/US2012/047238 :18/07/2012 :WO 2013/012945 :NA :NA :NA	 (71)Name of Applicant : 1)CRITICAL CARE DIAGNOSTICS INC. Address of Applicant :3030 Bunker Hill St. Suite 115A San Diego California 92109 U.S.A. (72)Name of Inventor : 1)SNIDER James V. 2)GERWIEN Robert W.
Filing Date	:NA	

(57) Abstract :

Methods of treating a subject having a cardiovascular disease selecting a therapy for a subject having a cardiovascular disease identifying a subject having a cardiovascular disease that will benefit or not benefit from exercise therapy determining whether a subject having a cardiovascular disease should begin continue not begin discontinue or avoid exercise therapy determining whether a subject having a cardiovascular disease should continue discontinue or avoid exercise therapy reducing the risk of an adverse outcome (e.g. death) in a subject having a cardiovascular disease and predicting the efficacy of exercise therapy in a subject having a cardiovascular disease. These methods include determining a level of soluble ST2 in a subject.

No. of Pages : 49 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:F25B49/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DANFOSS TURBOCOR COMPRESSORS B.V.
(32) Priority Date	:NA	Address of Applicant :Koningslaan 17 NL 1075 AA
(33) Name of priority country	:NA	Amsterdam Netherlands
(86) International Application No	:PCT/US2011/051504	(72)Name of Inventor :
Filing Date	:14/09/2011	1)SUN Lin
(87) International Publication No	:WO 2013/039492	2)ALVARES Jose
(61) Patent of Addition to Application	:NA	3)RASMUSSEN Mogens
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CENTRIFUGAL COMPRESSOR DIFFUSER CONTROL

(57) Abstract :

A centrifugal refrigerant compressor system includes an impeller connected to a shaft. A diffuser is arranged on a downstream side of the impeller and is configured to regulate refrigerant flow exiting the impeller. A magnetic bearing supports the shaft. A sensing element is configured to produce an output relating to a shaft condition. A controller is configured to receive the output and determine an undesired impeller operating condition based upon the shaft condition. The controller is configured to command the diffuser to a desired state in response to the undesired impeller operating condition.

No. of Pages : 18 No. of Claims : 17

(21) Application No.53/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLUID DELIVERY SYSTEM WITH PRESSURE MONITORING DEVICE

 (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 	:13/155350 :07/06/2011 :U.S.A. :PCT/US2012/040904 :05/06/2012 :WO 2012/170418 :NA :NA :NA	 (71)Name of Applicant : 1)BAYER ESSURE INC. Address of Applicant :1011 McCarthy Boulevard Milpitas California 95035 U.S.A. (72)Name of Inventor : 1)STOUT Christopher A.
Filing Date	:NA :NA	

(57) Abstract :

Systems and methods for determining fallopian tube occlusion are disclosed which may provide and more convenient manner of determining fallopian tube occlusion particularly in relation to transcervical hysteroscopic sterilization with implantable inserts. In accordance with some embodiments uterine pressure may be measured to determine occlusion with a fluid delivery system including a reservoir and a pressure monitoring device to measure a fluid pressure downstream from the reservoir.

No. of Pages : 38 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

 (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 	:61/508209 :15/07/2011	 (71)Name of Applicant : 1)NANYANG TECHNOLOGICAL UNIVERSITY Address of Applicant :50 Nanyang Avenue Singapore 639798 Singapore (72)Name of Inventor : 1)VENKATRAMAN Subramanian 2)BOEY Yin Chiang Freddy 3)KHANOLKAR Laximikant 4)RAO Prasada
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(54) Title of the invention : OCCLUSION DEVICE FOR CLOSING ANATOMICAL DEFECTS

(57) Abstract :

An occlusion device for closing an anatomical defect in tissue comprising a conduit connecting an opening on a first tissue and an opening on a second tissue is provided. The occlusion device comprises a scaffold comprising a) a proximal support structure comprising at least two arms; b) a distal support structure comprising at least two arms wherein the arms are adapted to provide anchorage for the device in the tissue; and c) a waist portion adapted for extending through the opening on the first tissue and connecting the proximal support structure with the distal support structure wherein the scaffold consists essentially of a biodegradable polymer wherein the proximal support structure and the distal support structure comprise or consist of polycaprolactone (PCL) poly (D L lactide co caprolactone) (PLC) or a mixture thereof. A method of closing an anatomical defect using the occlusion device is also provided.

No. of Pages : 41 No. of Claims : 40

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : MOTOR VEHICLE STARTER CIRCUIT COMPRISING A BATTERY VOLTAGE STEP UP DEVICE AND STARTER SO EQUIPPED

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	1 :F02N11/08,H01F38/00,H02P1/04 :1156922 :28/07/2011 :France	 (71)Name of Applicant : 1)VALEO EQUIPEMENTS ELECTRIQUES MOTEUR Address of Applicant :2 rue Andr Boulle F 94046 Creteil Cedex France
 (86) International Application No Filing Date (87) International Publication No 	:PCT/FR2012/051610 :09/07/2012 :WO 2013/014356	(72)Name of Inventor :1)LABBE Nicolas2)MATT Jean Claude
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The starter circuit according to the invention comprises a combination of a starter and battery voltage step up device (LPF). The battery voltage step up device is intended to prevent a drop in battery voltage caused by a current spike occurring in a power circuit of the starter when voltage is applied to the latter. The starter comprises in the conventional way an electric motor and an electromagnetic contact switch. According to the invention the battery voltage step up device consists of an inductive type filtering device which is equipped with primary and secondary windings (W1 W2) mounted in series with the electric motor in the power circuit and comprises a magnetic circuit (YO C) with reverse prepolarization (PW) said secondary winding circuit (W2) being short circuited.

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

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : PHOTOPROTECTIVE COMPOSITION

classification :A61K8/49,A61Q1//04,A61P1//16 (31) Priority Document No :1156177	 (71)Name of Applicant : 1)LOREAL Address of Applicant :14 rue Royale F 75008 Paris France (72)Name of Inventor : 1)JOUY Chantal 2)RUIZ La«titia 3)PYGMALION Marie Jocelyne
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(57) Abstract :

The present invention relates to a photoprotective composition for topical use containing an association of baicalin or an extract containing same with at least one system filtering UVA radiation. The invention particularly relates to the field of cosmetics and/or beauty products. The present invention also relates to the cosmetic non therapeutic use of baicalin or an extract containing same in association with at least one system filtering UVA radiation comprising at least one bis resorcinyl triazine for protecting the skin and/or lips and/or hair against solar radiation.

No. of Pages : 43 No. of Claims : 13

(21) Application No.54/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:C23G5/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011 105 645.2	1)OERLIKON TRADING AG TRBBACH
(32) Priority Date	:07/06/2011	Address of Applicant :Hauptstrasse 53 CH 9477 Tr ¹ /4bbach
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2012/002305	(72)Name of Inventor :
Filing Date	:31/05/2012	1)RAMM J ¹ / ₄ rgen
(87) International Publication No	:WO 2012/167886	2)WIDRIG Beno
(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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(54) Title of the invention : METHOD FOR REMOVING HARD CARBON LAYERS

(57) Abstract :

The invention relates to a method for removing carbon layers in particular ta C layers from substrate surfaces of tools and components. The substrate to be de coated is accordingly arranged on a substrate support in a vacuum chamber the vacuum chamber is charged with at least one reactive gas assisting the evacuation of carbon in gaseous form and a low voltage plasma discharge is created in the vacuum chamber to activate the reactive gas and hence assist the required chemical reaction or reactions to de coat the coated substrate. The low voltage plasma discharge is a dc low volt arc discharge the substrate surfaces to be de coated are bombarded substantially exclusively with electrons and oxygen nitrogen and hydrogen are used as reactive gas.

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

(21) Application No.453/DELNP/2014 A

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : CATALYST FOR THE PREPARATION OF AROMATIC HYDROCARBONS AND USE THEREOF

	:B01J21/16,B01J29/06,B01J29/40	
(31) Priority Document No	:11005973.0	1)SAUDI BASIC INDUSTRIES CORPORATION
(32) Priority Date	:21/07/2011	Address of Applicant :PO Box 5101 11422 Riyadh Saudi
(33) Name of priority country	:EPO	Arabia
(86) International Application No Filing Date	:PCT/EP2012/003004 :17/07/2012	(72)Name of Inventor : 1)SUBHASH Chandra Laha
(87) International Publication No	:WO 2013/010662	
(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 catalyst composition comprising lanthanum and gallium containing zeolite and lanthanum modified binder wherein said lanthanum and gallium containing zeolite comprises about 0.01 0.1 wt % lanthanum and wherein said lanthanum modified binder comprises about 0.5 2 wt % lanthanum. Furthermore the present invention relates to a method for preparing the catalyst composition of the present invention and a process for producing aromatic hydrocarbons comprising contacting a feedstream comprising lower alkanes with the catalyst composition of the present invention of the present invention.

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

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLUID LOSS CONTROL IN VISCOELASTIC SURFACTANT FRACTURING FLUIDS USING WATER SOLUBLE POLYMERS

 (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 	:C09K8/50,C09K8/508,C09K8/514 :1322412 :31/08/2011 :U.S.A. :PCT/US2012/053143 :30/08/2012 :WO 2013/033399	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :P.o. Box 4740 Houston TX 77210 U.S.A. (72)Name of Inventor : 1)WOOD William Russell
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

Water soluble uncrosslinked polysaccharides may be fluid loss control agents for viscoelastic surfactant (VES) fluids used for stimulation (e.g. fracturing) or well completion in hydrocarbon recovery operations. The VES fluid may further include proppant or gravel if it is intended for use as a fracturing fluid or a gravel packing fluid although such uses do not require that the fluid contain proppant or gravel. The water soluble uncrosslinked polysac¬ charide fluid loss control agents may include but not be limited to guar gum and derivatives thereof; cellulose and derivatives thereof; propylene glycol alginate; salts (e.g. sodium potassium and calcium salts) of iota kappa and lambda carrageenan; agar agar; xanthan gum; and the like; and/or mixtures thereof. The fluid loss control agent may be added to the aqueous viscoelastic treating fluid prior to VES addition and/or at the same time and/or after the VES is added.

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

(19) INDIA

(22) Date of filing of Application :03/01/2014

(54) Title of the invention : PIEZO INJECTOR

(43) Publication Date : 02/01/2015

(51) International classification	:F02M51/06,F02M61/16	(71)Name of Applicant :
(31) Priority Document No	:10 2011 079 468.9	1)CONTINENTAL AUTOMOTIVE GMBH
(32) Priority Date	:20/07/2011	Address of Applicant :Vahrenwalder Strae 9 30165 Hannover
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/063753	(72)Name of Inventor :
Filing Date	:13/07/2012	1)SCHRZ Willibald
(87) International Publication No	:WO 2013/010929	
(61) Patent of Addition to Application	. N.T. A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A piezo injector (100) comprises an actuator chamber (131) in which a piezo actuator (130) is arranged comprises a control piston bore (151) in which is arranged a control piston (150) which has a first end side (152) facing toward the piezo actuator (130) wherein a portion of the control piston bore (151) delimited by the first end side (152) forms a first control chamber (153) and a portion of the control piston bore (151) situated opposite the first control chamber (153) forms a spring chamber (154) and wherein the control piston (150) is arranged between the first control chamber (153) and the spring chamber (154) comprises a nozzle needle (170) having a second end side (172) wherein the nozzle needle (170) guides a nozzle needle sleeve (171) wherein the nozzle needle sleeve (171) and the second end side (172) delimit a second control chamber (173) comprises a connecting bore (160) between the first control chamber (153) and comprises a leakage pin (140) which is arranged between the piezo actuator (130) and the first end side (152) in a leakage pin bore (141).

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

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PRODUCING AUSTENITIC STAINLESS STEEL AND AUSTENITIC STAINLESS STEEL MATERIAL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country		 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
 (86) International Application No Filing Date (87) International Publication 	:PCT/JP2012/065733 :20/06/2012 :WO 2012/176802	Tokyo 1008071 Japan (72)Name of Inventor : 1)UEYAMA Masaki
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is austenitic stainless steel having high temperature strength and excellent nitric acid corrosion resistance. The austenitic stainless steel of this embodiment contains by mass% C: 0.050% or less Si: 0.01 1.00% Mn: 1.75 2.50% P: 0.050% or less S: 0.0100% or less Ni: 20.00 24.00% Cr: 23.00 27.00% Mo: 1.80 3.20% and N: 0.110 0.180%; the remainder comprises Fe and impurities; the grain size number of the crystal grains is 6.0 or higher based on JIS G0551(2005); and the area ratio of the s phase is 0.1% or lower.

No. of Pages : 32 No. of Claims : 5

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:13/186007	1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:19/07/2011	Address of Applicant : One AMD Place Sunnyvale California
(33) Name of priority country	:U.S.A.	94085 U.S.A.
(86) International Application No	:PCT/US2012/044374	(72)Name of Inventor :
Filing Date	:27/06/2012	1)SCHMIT Michael L.
(87) International Publication No	:WO 2013/012527	2)TSANG Vicky W.
(61) Patent of Addition to Application	:NA	3)GIDUTHURI Radhakrishna
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
/		1

(54) Title of the invention : APPARATUS AND METHOD FOR DECODING USING COEFFICIENT COMPRESSION

(57) Abstract :

Methods and apparatus for utilizing coefficient compression in graphics decoding are provided. In one example a computer processing unit (CPU) is interfaced with a graphic processing unit (GPU) where the CPU extracts coefficients and passes compressed coefficient data preferably in uniformly sized data packets to the GPU for decoding and coefficient processing. Preferably the extracted coefficients are inverse transform (iT) coefficients and CPU includes an encoder control component configured to adaptively select a coefficient encoding process for performing the iT coefficient data compression based on the data content of the iT coefficients such that data packets are generated that include data that indentifies the selected coefficient encoding process used for encoding the compressed iT coefficient data contained in the data packet. In such case the GPU is configured to receive such data packets and decode the iT coefficient data within each packet using a coefficient decoding method complementary to the selected coefficient encoding process identified within the packet. The GPU preferably uses massively parallel coefficient decoding of such data packets.

No. of Pages : 39 No. of Claims : 24

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : RECEIVER FOR A THERMOSOLAR INSTALLATION AND THERMOSOLAR INSTALLATION COMPRISING SAID RECEIVER

 (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 	:F24J2/05,F24J2/24 :P201131141 :05/07/2011 :Spain :PCT/ES2012/070479 :28/06/2012 :WO 2013/004869 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ABENGOA SOLAR NEW TECHNOLOGIES S. A. Address of Applicant :Campus Palmas Altas C/Energa Solar 1 E 41014 Sevilla Spain (72)Name of Inventor : 1)NU'EZ BOOTELLO Juan Pablo 2)GALLAS TORREIRA Manuel
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(57) Abstract :

The invention relates to a solar receiver having a higher yield than a central tower receiver. Said receiver comprises a plurality of absorbent tubes (2) for absorbing incident energy from light guides (8) suitable for capturing solar radiation in solar collector concentration focal points (11) the absorbent tubes (2) being arranged consecutively and in parallel adjacently in relation to a direction transverse to the longitudinal axis of the absorbent tubes (2) said tubes containing a circulating heat transfer fluid. The longitudinal axes are contained in at least two planes defining at least two lines (3 6) of absorbent tubes (2) arranged in an alternating manner and partially superimposed. Said receiver also comprises containers (4 5) subjected to a vacuum in order to enclose the absorbent tubes (2) and reduce the losses by convection.

No. of Pages : 21 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : HIGH PRESSURE FEEDING SYSTEM FOR A LIQUID BASED BIOMASS TO LIQUID REACTOR

 (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 	:C10G3/00 :61/511952 :26/07/2011 :U.S.A. :PCT/US2012/046956 :16/07/2012 :WO 2013/016055 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CATCHLIGHT ENERGY LLC Address of Applicant :P.O. Box 9777 Federal Way WA 98063 U.S.A. (72)Name of Inventor : 1)LEVIE Benjamin 2)COULTHARD Alex 3)EUHUS Daniel 4)ROBARGE Kent Douglas 5)SPINDLER Paul
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(57) Abstract :

The present disclosure provides methods to transfer a pressurized slurry of plant based biomass into a reactor vessel. The methods allow for the transfer of practical sized pieces of biomass in a slurry pressurized to above about 300 psi.

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

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : CARBON MONOXIDE(CO) ASSISTED INHIBITION OF FATTY ACID AND CHOLESTEROL UPTAKE

 (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 	:A61K33/08,A61K31/02,A61K31/36 :2011127407 :07/06/2011 :Japan :PCT/JP2012/065058 :06/06/2012 :WO 2012/169654 :NA :NA :NA	 (71)Name of Applicant : 1)JAPAN SCIENCE AND TECHNOLOGY AGENCY Address of Applicant :1 8 Hon cho 4 chome Kawaguchi shi Saitama 3320012 Japan (72)Name of Inventor : 1)SUEMATSU Makoto 2)KABE Yasuaki
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(57) Abstract :

The objective of the present invention is to provide a composition for inhibiting fatty acid and cholesterol uptake in living cells and is a living cell fatty acid or cholesterol uptake inhibitor comprising carbon monoxide (CO) or a compound capable of releasing CO into the body.

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

(21) Application No.63/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : PLANT CELL DIFFERENTIATION PROMOTER

 (51) International classificatio (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 	:PCT/JP2012/066801 :29/06/2012 :WO 2013/005695 :NA :NA	 (71)Name of Applicant : 1)SHISEIDO COMPANY LTD. Address of Applicant :5 5 Ginza 7 chome Chuo ku Tokyo 1040061 Japan (72)Name of Inventor : 1)YOKOYAMA Mineyuki 2)TAKAGI Kazuteru 3)ONISHI Noboru 4)NAWATA Yukiko
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(57) Abstract :

THE PRESENT INVENTION ADDRESSES THE PROBLEM OF PROVIDING A PLANT CELL DIFFERENTIATION PROMOTER WITH WHICH IT IS POSSIBLE TO PROMOTE DIFFERENTIATION FROM A CALLUS TO A NORMAL ADVENTITIOUS EMBRYO OR PROMOTE DIFFERENTIATION OF AN ADVENTITIOUS ROOT OR ADVENTITIOUS BUD FROM A PLANT CUTTING AND AS A RESULT OBTAIN A REGENERATED PLANT WITH STABILITY. THE PRESENT INVENTION PROVIDES A PLANT DIFFERENTIATION PROMOTER COMPRISING AS THE ACTIVE INGREDIENT A SPECIFIC KETOLE FATTY ACID OR DERIVATIVE THEREOF.

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

(19) INDIA

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:B65D1/02	(71)Name of Applicant :
(31) Priority Document No	:61/509482	1)LGAB LLC
(32) Priority Date	:19/07/2011	Address of Applicant :3850 NW 2nd Avenue Suite 5 Boca
(33) Name of priority country	:U.S.A.	Raton FL 33431 U.S.A.
(86) International Application No	:PCT/US2012/047438	(72)Name of Inventor :
Filing Date	:19/07/2012	1)BERK Adam
(87) International Publication No	:WO 2013/013065	2)GREEN Lee
(61) Patent of Addition to Application	274	3)KHAN Fuad
Number	:NA	
	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(E7) Alterture et :		1

(54) Title of the invention : BIODEGRADABLE BOTTLE FOR LIQUIDS

(57) Abstract :

A bottle for holding liquids that is biodegradable and that is made from environmentally sustainable materials. The bottle includes a body a shoulder a neck portion and a cap. According to one aspect the neck portion of the bottle is made of bioplastic and the shoulder and body of the bottle are made from thermo formed pulp. The bioplastic neck can mate with and be adhered to the shoulder and the shoulder can mate with and be adhered to the pulp body.

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

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : MOBILE COMMUNICATIONS SYSTEM INFRASTRUCTURE EQUIPMENT MOBILE COMMUNICATIONS TERMINAL AND METHOD TO COMMUNICATE USER DATA WITHIN AN UPLINK RANDOM ACCESS CHANNEL

 (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 	:H04W74/08 :1114339.3 :19/08/2011 :U.K. :PCT/GB2012/051938 :09/08/2012 :WO 2013/027016	 (71)Name of Applicant : 1)SCA IPLA HOLDINGS INC Address of Applicant :550 Madison Avenue New York New York 10022 U.S.A. (72)Name of Inventor : 1)MORIOKA Yuichi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A mobile communications system for communicating data to/from mobile communications terminals the system comprising one or more base stations arranged to provide a radio interface to communicate data with mobile communications terminals; and one or more mobile communications terminals arranged to communicate data with the one or more base stations via the radio interface and wherein a mobile communication terminal is arranged to use an uplink random access channel to transmit random access messages to the one or more base stations. A first mobile communications terminal is arranged to communicate user data via the uplink random access channel by transmitting one or more of the random access messages at a selected timing within the uplink random access channel the timing being selected by the first mobile communications terminal to represent at least part of the user data.

No. of Pages : 34 No. of Claims : 30

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : MULTI PART KIT SYSTEM FOR THE PREPARATION OF A DISINFECTANT

(57) Abstract :

A multi part kit system comprising (i) a solid part A which comprises 10 to 80 wt.% of peroxy compound selected from the group consisting of KHSO KSO NaSO magnesium monoperoxyphthalate hexahydrate sodium percarbonate and sodium perborate 0.1 to 10 wt.% of LiCl NaCl and/or KCl and 1 to 20 wt.% of HN(CH)SOH with $n = 0 \ 1 \ 2 \ or \ 3 \ and$ (ii) a liquid part B in the form of an aqueous solution which comprises 0 to 20 wt.% of nonionic surfactant 3.6 to 20 wt.% of amphoteric surfactant and 0.5 to 20 wt.% of at least one compound comprising substituted ammonium selected from the group consisting of dihydrocarbyl dimethylammonium chlorides or bromides didecyl methyl poly(oxyethyl) ammonium propionate chlorhexidine gluconate cetylpyridinium chloride or bromide and polyhexamethylene biguanide hydrochloride wherein at least one of the two hydrocarbyl residues comprises 8 to 18 carbon atoms.

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

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : A PEPTIDE CAPABLE OF BINDING WITH A HUMAN LEUKOCYTE ANTIGEN (HLA) MOLECULE A CANCER VACCINE DERIVED FROM SAID PEPTIDE AND USE OF SAID CANCER VACCINE

(51) International classification	:C07K7/06,C07K14/435,A61K38/08	(71)Name of Applicant : 1)CANCER RESEARCH INITIATIVES FOUNDATION
(31) Priority Document No	:PI 2011003259	Address of Applicant :2nd Floor Outpatient Centre Sime
(32) Priority Date	:11/07/2011	Darby Medical Centre Subang Jaya Selangor 47500 Malaysia
(33) Name of priority country	:Malaysia	(72)Name of Inventor :1)CHEONG Sok Ching
(86) International Application No Filing Date	:PCT/MY2012/000198 :05/07/2012	2)TEO Soo Hwang 3)LIM Kue Peng 4)MOHD ZAIN Rosnah
(87) International Publication No	¹ :WO 2013/009165	5)ABDUL RAHMAN Zainal Ariff 6)PONNIAH Sathibalan
(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 PEPTIDE COMPRISING AT LEAST AN AMINO ACID SEQUENCE SELECTED FROM AT LEAST A PORTION OF MAGE D4B PROTEIN WHICH THE PEPTIDE IS CAPABLE OF BINDING WITH AT LEAST A HUMAN LEUKOCYTE ANTIGEN (HLA) MOLECULE. THE BINDING OF THE PEPTIDE WITH THE HUMAN LEUKOCYTE ANTIGEN (HLA) MOLECULE DESCRIBED HEREIN IS CAPABLE OF INDUCING THE IMMUNE SYSTEM OF A SUBJECT TO RECOGNIZE ORAL CANCER CELLS AS BEING FOREIGN. UPON BEING RECOGNIZED AS FOREIGN PARTICLES THESE CELLS ARE TARGETED AND DESTROYED BY THE CD8CYTOTOXIC T CELLS. FURTHER DISCLOSED IN THE PRESENT INVENTION IS A CANCER VACCINE DERIVED FROM THE MAGE D4B PEPTIDES AND THE USE OF SAID CANCER VACCINE.

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

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF CYCLIC ALKYLENE UREAS

 (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 	:C07D233/34,A61K31/4166 :11174656.6 :20/07/2011 :EPO :PCT/US2012/047305 :19/07/2012 :WO 2013/012991 ⁿ :NA :NA	 (71)Name of Applicant : 1)ALLNEX USA INC. Address of Applicant :1950 Lake Park Drive Smyrna GA 30080 U.S.A. (72)Name of Inventor : 1)GUPTA Ram 2)KOBYLANSKA Irina 3)TREASURER Urvee 4)FLOOD Lawrence
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a process for the synthesis of cyclic alkylene ureas comprising reacting in the presence of a basic catalyst a difunctional amine A having two primary amino groups and an aliphatic organic carbonate component C selected from the group consisting of dialkyl carbonates CD and of alkylene carbonates CA wherein the ratio of the amount of substance Ji(NH2) of primary amino groups NH2 in the difunctional amine A to the sum M(C) of the amount of substance n(CD) of carbonate groups of a dialkyl carbonate CD and the amount of substance n(CA) of carbonate groups in an alkylene carbonate CA is at least more than 2 and to the product obtained by this process.

No. of Pages : 33 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : WELL SERVICING FLUID AND METHOD OF SERVICING A WELL WITH THE FLUID			
 (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 	:C09K8/74 :13/193152 :28/07/2011 :U.S.A.	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :2929 Allen Parkway Suite 2100 Houston TX 77019 2118 U.S.A. (72)Name of Inventor : 1)BERRY Sandra L. 2)BOLES Joel L. 3)CAWIEZEL Kay E. 4)SMITH Kern L. 	

(57) Abstract :

A well servicing fluid is disclosed. The well servicing fluid is formulated by combining ingredients comprising: an aqueous based fluid comprising sulfate ions at a concentration greater than 50 mg/1; a chelating agent; and an acid in an amount sufficient to result in the well servicing fluid having a pH of 4.5 or less. A method of servicing a well is also disclosed.

No. of Pages : 31 No. of Claims : 25

(21) Application No.457/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE CONTROL APPARATUS (51) International classification :F02D45/00,F02D21/08 (71)Name of Applicant : (31) Priority Document No 1)TOYOTA JIDOSHA KABUSHIKI KAISHA :NA (32) Priority Date Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 :NA (33) Name of priority country :NA Japan (86) International Application No (72)Name of Inventor: :PCT/JP2011/067302 Filing Date 1)SHIMASAKI Yuichi :28/07/2011 (87) International Publication No :WO 2013/014789 2)AOYAMA Yukitoshi (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An internal combustion engine control apparatus is provided with: detection means (216 110) for detecting the crank angle speed of an internal combustion engine (200); a calculation means (120) for calculating a combustion state index value (MI) indicating the combustion state of the internal combustion engine on the basis of the crank angle speed detected by the detection means; and a first determination means (130) for determining whether white smoke is being generated from the internal combustion engine and whether misfiring is occurring in the internal combustion engine by comparing the combustion state index value calculated by the calculation means with a predetermined first threshold value (A) and a predetermined second threshold value (B) greater than the first threshold value.

No. of Pages : 31 No. of Claims : 2

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : WORK MACHINE CONTROL SYSTEM CONSTRUCTION MACHINERY AND WORK MACHINE CONTROL METHOD

 (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 	:E02F3/43 :2011066824 :24/03/2011 :Japan :PCT/JP2012/052685 :07/02/2012 :WO 2012/127912	 (71)Name of Applicant : 1)KOMATSU LTD. Address of Applicant :2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor : 1)MATSUYAMA Toru
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

An excavation control system (200) includes a work type determining part (264) and a drive controlling part (265). The work type determining part (264) is configured to determine to which of a shaping work and a cutting edge aligning work a work type of a working unit (2) corresponds based an operation signal (M). The drive controlling part (265) is configured to move a cutting edge (8a) of a bucket (8) along a target designed surface (45A) when it is determined that the work type corresponds to the shaping work. The drive controlling part (265) is configured to stop the cutting edge (8a) of the bucket (8) in a predetermined position set with reference to the target designed surface (45A) when it is determined that the work type corresponds to the cutting edge aligning work.

No. of Pages : 27 No. of Claims : 8

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COLONOSCOPY PREPARATION

 (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 	:A61K31/375,A61K47/10,A61K9/00 :1104202.5 :11/03/2011 :U.K. :PCT/GB2012/050526 :09/03/2012 :WO 2012/123720 :NA :NA :NA	 (71)Name of Applicant : 1)NORGINE BV Address of Applicant :Hogehilweg 7 NL 1101 CA Amsterdam Zuid Oost Netherlands (72)Name of Inventor : 1)HALPHEN Marc 2)GRUSS Hans J¼rgen 3)COX Ian 4)COCKETT Alasdair 5)STEIN Peter 6)UNGAR Alex
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(57) Abstract :

The invention provides a colon cleansing solution comprising: a) 300 to 2000 mmol per litre ascorbate anion provided by ascorbic acid one or more salts of ascorbic acid or a mixture thereof; and b) 10 to 200 g per litre polyethylene glycol. The invention also provides methods and kits associated with or making use of the solutions. The invention also provides a method of cleansing the colon of a subject comprising: administering to the subject an effective amount of a first cleansing solution; and then after a time interval administering to the subject an effective amount of a second cleansing solution where in the two cleansing solutions are as described in the specification.

No. of Pages : 68 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:A61K 38/20	(71)Name of Applicant :
(31) Priority Document No	:05 291556.8	1)CYTHERIS
(32) Priority Date	:20/07/2005	Address of Applicant :21, rue Aristide Briand, F-92170
(33) Name of priority country	:EPO	Vanves, France. France
(86) International Application No	:PCT/IB2006/002663	(72)Name of Inventor :
Filing Date	:19/07/2006	1)MORRE, Michel
(87) International Publication No	: NA	2)ASSOULINE, Brigitte
(61) Patent of Addition to Application	:NA	3)RANCE, Iann
Number	:NA :NA	4)GREGOIRE, Anne
Filing Date	.INA	5)BREQUE, Corinne
(62) Divisional to Application Number	:1448/DELNP/2008	
Filed on	:19/02/2008	
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(54) Title of the invention : GLYCOSYLATED IL-7, PREPARATION AND USES

(57) Abstract :

The present invention relates to new and improved interleukin-7 polypeptides, as well as compositions comprising the same, their preparation and uses. The invention more particularly relates to hyperglycosylated IL-7 polypeptides having improved properties, as well as their manufacture and therapeutic uses. The invention also discloses novel IL-7 polypeptides having modified amino acid sequences containing artificially created glycosylation site(s), as well as corresponding nucleic acid molecules, vectors and recombinant host cells. The invention also relates to the use of such polypeptides, cells or nucleic acids for curative or preventive treatment of mammalian subjects, including human subjects.

No. of Pages : 97 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND PLANT FOR PRODUCING METAL ROLLED PRODUCTS

 (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 	:11006314.6 :01/08/2011 :EPO	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¹/₄nchen Germany (72)Name of Inventor : 1)COLOMBO Ezio
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(57) Abstract :

The present invention refers to a method for producing rolled products wherein downstream of a continuous cast there are two parallel lines (A B) for conveying profiled supply sections that converge together on at least a single first rolling station (50); a further object of the invention is a plant for implementing this method.

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

(21) Application No.388/DELNP/2014 A

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN IMAGE GUIDED RADIATION THERAPY ASSEMBLY

(31) Priority Document No(32) Priority Date	:A61B6/04,A61G13/02,A61N5/01 :2011903046 :29/07/2011 :Australia :PCT/AU2012/000862 :18/07/2012 :WO 2013/016759 :NA :NA	 (71)Name of Applicant : 1)KEALL Paul Address of Applicant :9 Lansdowne Street Greenwich NSW 2065 Australia (72)Name of Inventor : 1)KEALL Paul
Number Filing Date	:NA :NA	

(57) Abstract :

An imaging assembly (10) including a base (11) to which there is a fixed a housing (14) within which there is located a radiation source such as a linear accelerator (15). The radiation source provides a beam that extends longitudinally along a predetermined path provided by an axis (16). Supported on the base (11) is a couch assembly (21) that is movable longitudinally as well as being angularly movable about the longitudinal axis (26) of the couch assembly (21).

No. of Pages : 18 No. of Claims : 13

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOSITION COMPRISING CHITOSAN GLUCOSAMINE AND AMINO ACIDS FOR
AGRICULTURAL USE

 (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 	:A01N37/44,A01N43/16,A01N63/02 :61/500543 :23/06/2011 :U.S.A. :PCT/EP2012/062240 :25/06/2012 :WO 2012/175739 :NA :NA :NA	 (71)Name of Applicant : 1)AGRINOS AS Address of Applicant :Fornebuveien 1 N 1366 Lysaker Norway (72)Name of Inventor : 1)LPEZ CERVANTES Jaime
Application Number Filing Date	:NA :NA	
(57) Abstract ·		

(57) Abstract :

Disclosed are compositions comprising chitosan glucosamine and amino acids where the concentration of said chitosan is greater than 1.5 wt% said glucosamine is greater than 1.5 wt%. In preferred embodiments the concentration of chitosan is from 2 to 2.5 wt% and glucosamine is 2 to 6 wt%. The composition can also include solid chitin but generally no more than about 2 wt%. The composition can also include trace elements protein and other polysaccharides. The composition is generally a liquid but may be a solid. In most embodiments the solid can be reconstituted with water prior to use. In preferred embodiments the composition comprises HYTd and at least one of HYTa HYTb and HYTc. In still other embodiments the composition comprises HYTd and two or more of HYTa HYTb and HYTc. The composition can also comprise HYTd HYTb and HYTc. In the disclosed processes soil seed seedling or plant foliage are contacted with HYTd or any of the above compositions.

No. of Pages : 49 No. of Claims : 18

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : STAVE COOLER FOR A METALLURGICAL FURNACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Not Filing Date (87) International Publication Not (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:31/01/2012	 (71)Name of Applicant : 1)PAUL WURTH S.A. Address of Applicant :32 rue dAlsace L 1122 Luxembourg Luxembourg (72)Name of Inventor : 1)MAGGIOLI Nicolas 2)MOUSEL Nicolas 3)SIMOES Jean Paul 4)TOCKERT Paul
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(57) Abstract :

A stave cooler (10) for a metallurgical furnace in particular for a blast furnace comprises a panel like body (12) having a front face (14) for facing the interior of the metallurgical furnace and an opposite rear face (16); and at least one internal coolant passage arranged within the panel like body (12). In accordance with an important aspect of the present invention the at least one shaft (22) generally a plurality of such pikes (22) protrudes from the front face (14) of the panel like body (12).

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

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : ASSEMBLY HAVING TWO COMPONENTS CONNECTED COHESIVELY TOGETHER (51) International classification :B22F3/16,F16D23/00 (71)Name of Applicant : (31) Priority Document No :A 1075/2011 1)MIBA SINTER AUSTRIA GMBH (32) Priority Date :22/07/2011 Address of Applicant :Dr. Mitterbauer Strae 3 A 4663 (33) Name of priority country Laakirchen Austria :Austria (86) International Application No :PCT/AT2012/050100 (72)Name of Inventor : Filing Date **1)OHLER Martin** :11/07/2012 (87) International Publication No :WO 2013/013254 2)KRONBERGER Christian (61) Patent of Addition to Application **3)R-SSLER Horst** :NA Number 4)MLLER Alexander :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to an assembly (1) at least comprising a first metal component (2) having a first surface region (5) and a second metal component (3) having a second surface region (7) wherein the two surface regions (5 7) face each other and the first and the second component (2 3) are connected cohesively together at least in a subregion of the two surface regions (5 7) and wherein at least one of the two metal components (2 3) is a sintered component wherein that surface region (7) of the sintered component that has the cohesive connection has a higher density than the adjoining further surface region of the sintered component.

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

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : WASHER ARRANGING APPARATUS WASHER ARRANGING SYSTEM AND WASHER ARRANGING METHOD

 (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 	:PCT/IB2012/001362 :11/07/2012	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471 8571 Japan (72)Name of Inventor : 1)KIRA Kazuhiko 2)TOYODA Toshio
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A washer arranging apparatus (10) includes a washer arranging portion (11) for positioning a plurality of washers (53) in predetermined arranging positions (a) and a washer supplying portion (12) for supplying the washers (53) to the washer arranging portion (11). The washer supplying portion (12) includes a holding portion (20) that has a horizontal floor portion (a bottom surface portion 21 a of a base portion (21)) and is a portion for holding the washers (53) loaded into the washer supplying portion (12) and a vane member (23) that rotates above the bottom surface portion (21a) about an axis of the washer arranging portion (11) and pushes the washers (53) held in the holding portion (20) in a direction parallel to the bottom surface portion (21a). This washer arranging apparatus (10) a washer arranging system provided with this washer arranging apparatus (10) and a washer setting tool (30) that is a tool for simultaneously setting a plurality of washers (53) and a washer arranging method using this washer arranging system are provided.

No. of Pages : 51 No. of Claims : 8

(21) Application No.6657/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(51) International classification	:B65D83/14	(71)Name of Applicant :
(31) Priority Document No	:1151287	1)APTAR FRANCE SAS
(32) Priority Date	:17/02/2011	Address of Applicant :Lieudit le Prieur F 27110 Le Neubourg
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2012/050353	(72)Name of Inventor :
Filing Date	:17/02/2012	1)JACUK Christophe
(87) International Publication No	:WO 2012/110751	2)PAPET Grard
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : DEVICE FOR DISPENSING A FLUID MATERIAL

(57) Abstract :

The invention relates to a device for dispensing a fluid material, which includes a body (100) provided with a dispensing port (110), a store (1) containing the fluid product and a propellant gas, a metering valve (20) assembled onto said vessel (1), said vessel (11) being movable in said body (100) in order to actuate the metering valve (20) and dispense a metered amount of fluid material through said dispensing port (110), said metering valve (20) comprising a valve (30) sliding in said metering valve (20) during the actuation, said device compri sing at least one sealing lment (40, 41, 42) for forming a seal against the fluid, at least one sealing lment (40, 41, 42) of said device comprising COC elastomer.

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

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND DEVICE FOR PROXY ACCESS OF OPEN PLATFORM (51) International classification :G06F9/44,H04L29/06 (71)Name of Applicant : (31) Priority Document No :201110009303.6 1) TENCENT TECHNOLOGY (SHENZHEN) COMPANY (32) Priority Date :17/01/2011 LIMITED (33) Name of priority country Address of Applicant :Room 403 East Block 2 SEG Park :China (86) International Application No :PCT/CN2012/070491 Zhenxing Road Futian District Shenzhen Guangdong 518057 Filing Date :17/01/2012 China (87) International Publication No (72)Name of Inventor : :WO 2012/097728 (61) Patent of Addition to Application 1)YANG Rongde :NA Number 2)TAN Qiyu :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Disclosed are a method and device for a proxy access of an open platform to solve technical problems that an embedded SDK in a platform of a third party application leads to excessive resource occupancy, a low password security, and a local file cannot be uploaded since an interaction interface of a URL format is limited by formats of parameters, etc. The present invention establishes an official application in a user terminal, and the official application interacts with the open platform by an SDK provided by the open platform; the official platform is bound by applying for a protocol with the URL format from an operating system of the user terminal, and provides an interaction interface for the third party application through the protocol with the URL format. Therefore, the present invention reduces the system resource which the third party application occupies in the user terminal and the development cost of the third party application, and protects the security of the users account.

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

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMPINGEMENT COOLING OF CYLINDERS IN OPPOSED PISTON ENGINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication No (37) International Publication No (37) International Publication No (37) Potent of Addition to (37) Application Number (38) Priority Patent of Application (39) Na (30) Potent of Application (31) Potent of Application (31) Potent of Application (32) Potent of Application (33) Na (34) Potent of Application (35) Potent of Application (36) Potent of Application (37) Potent of Application (37) Potent of Application (38) Potent of Application (39) Potent of Application (31) Potent of Application (32) Potent of Application (33) Potent of Application (34) Potent of Application (35) Potent of Application (35) Potent of Application (36) Potent of Application (37) Potent of Application (38) Potent of Application (39) Potent of Application (31) Potent of Application (31) Potent of Application (32) Potent of Application (33) Potent of Application (34) Potent of Application (35) Potent of Application (36) Potent of Application (36)	 2 (71)Name of Applicant : 1)ACHATES POWER INC. Address of Applicant :4060 Sorrento Valley Boulevard San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)LIU Feng Song 2)WU Jiongyang 3)LEE Patrick R.
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(57) Abstract :

A cylinder cooling construction includes a cylinder liner with a sidewall exhaust and intake ports opening through the sidewall a bore and a plurality of feed channels that are formed with and extend along the sidewall from a central band of the cylinder toward the exhaust and intake ports. A sleeve covering the sidewall includes a plurality of impingement jet ports that are arranged in at least one sequence extending around the central band and that are in liquid communication with the plurality of feed channels. An annular member disposed between the liner and the sleeve reinforces the central band. The sleeve further includes an inside surface with spaced apart annular recesses that with the sidewall define liquid coolant reservoirs in the vicinity of the ports that are in liquid communication with the coolant reservoir in the vicinity of the exhaust port and second ends that open through a portion of an exhaust end of the cylinder.

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

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND CONFIGURATIONS FOR H2S CONCENTRATION IN ACID GAS REMOVAL

(51) International classification	:B01D53/14,B01D53/52,B01D53/62	(71)Name of Applicant : 1)FLUOR TECHNOLOGIES CORPORATION
(31) Priority Document No	:61/521216	Address of Applicant :3 Polaris Way Aliso Viejo California
(32) Priority Date	:08/08/2011	92698 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
 (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 	:PCT/US2012/049866 :07/08/2012	1)MAK John

(57) Abstract :

A syngas treatment plant is configured to remove sulfurous compounds from syngas in a configuration having two flash stages for a physical solvent to so enrich the acid gas to at least 40 mol % H2S or higher as required by the Claus unit and to flash and recycle CO2 back to the syngas feed. Contemplated methods and configurations advantageously remove sulfur to less than 10 ppmv while increasing H2S selectivity at high pressure operation to thereby allow production of an H2S stream that is suitable as feed gas to a Claus plant.

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

(19) INDIA

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 02/01/2015

:A61L2/00	(71)Name of Applicant :
:61/499626	1)PY Daniel
:21/06/2011	Address of Applicant :1 Helena Avenue Larchmont NY 10538
:U.S.A.	U.S.A.
:PCT/US2012/043623	(72)Name of Inventor :
:21/06/2012	1)PY Daniel
:WO 2012/177933	
·NIA	
INA	
:NA	
:NA	
	:61/499626 :21/06/2011 :U.S.A. :PCT/US2012/043623 :21/06/2012 :WO 2012/177933 :NA :NA :NA

(54) Title of the invention : FLUID STERILANT INJECTION STERILIZATION DEVICE AND METHOD

(57) Abstract :

A method for sterilizing a container is provided where a penetrable septum of a sealed empty device is penetrated with an injection member. A fluid sterilant is then injected through the injection member and into an interior chamber of the device. The fluid sterilant is allowed to reside within the chamber a sufficient amount of time to render the chamber either sterile or bactericidal. Product can then be introduced through the septum into the sterile or bactericidal chamber. The resulting penetration aperture is then resealed to hermetically seal the product within the chamber.

No. of Pages : 24 No. of Claims : 27

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DRY POWDER FORMULATIONS OF PARTICLES THAT CONTAIN TWO OR MORE ACTIVE INGREDIENTS FOR TREATING OBSTRUCTIVE OR INFLAMMATORY AIRWAYS DISEASES

(51) International classification(31) Priority Document No(32) Priority Date	:A61K9/14,A61K9/00,A61P11/00 :61/439527 :04/02/2011	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel
(33) Name of priority country	:U.S.A.	Switzerland
 (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 	:PCT/US2012/023727 :03/02/2012 :WO 2012/106575 :NA :NA :NA	 (72)Name of Inventor : 1)WEERS Jeffry 2)RAO Nagaraja 3)HUANG Daniel 4)MILLER Danforth 5)TARARA Thomas E.

(57) Abstract :

Dry powder formulations for inhalation comprising spray dried particles and their use in the treatment of an obstructive or inflammatory airways disease. Each particle has a core of a first active ingredient in substantially crystalline form that is coated with a layer of a second active ingredient in substantially amorphous form that is dispersed in a pharmaceutically acceptable hydrophobic excipient. A process for preparing such formulations is also described.

No. of Pages : 49 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(51) International classification	:G06F7/04	(71)Name of Applicant :
(31) Priority Document No	:13/014762	1)VARONIS SYSTEMS INC.
(32) Priority Date	:27/01/2011	Address of Applicant :23rd Floor South Tower 499 7th
(33) Name of priority country	:U.S.A.	Avenue New York New York 11018 U.S.A.
(86) International Application No	:PCT/IL2011/000902	(72)Name of Inventor :
Filing Date	:24/11/2011	1)FAITELSON Yakov
(87) International Publication No	:WO 2012/101620	2)KORKUS Ohad
(61) Patent of Addition to Application	:NA	3)KRETZER KATZIR Ophir
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : ACCESS PERMISSIONS MANAGEMENT SYSTEM AND METHOD

(57) Abstract :

In a hierarchical access permissions environment a method for enabling efficient management of project wise permissions including maintaining project wise lists of network objects access permissions to which cannot be managed together via a hierarchical folder structure and employing the project wise lists of network objects to make project wise changes in access permissions to the network objects without the need to individually modify access permissions to individual ones of the network objects.

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

(21) Application No.6671/DELNP/2013 A

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FUNCTIONALISED MATERIALS PROCESS FOR THE PRODUCTION AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/EP2012/000098	 (71)Name of Applicant : 1)PHOSPHONICS LTD Address of Applicant :44c Milton Park Abingdon Oxon OX14 4RU U.K. (72)Name of Inventor : 1)WILSON John Robert Howe
Filing Date	:11/01/2012	
(87) International Publication No	:WO 2012/095307	
(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 both to processes for the production of functionalised materials containing alkyl sulfonic acids groups and their use as heterogeneous catalysts. The invention also relates to precursors of these new products and new organopolysiloxane sulfonic acids.

No. of Pages : 21 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TV	VO PART COSMETIC PRODUCT	
 (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 	n :A61K8/04,A61K8/22,A61K8/365 :1150077 :05/01/2011 :France :PCT/EP2012/050013 :02/01/2012 :WO 2012/093103 :NA :NA :NA	 (71)Name of Applicant : 1)LOREAL Address of Applicant :14 rue Royale F 75008 Paris France (72)Name of Inventor : 1)BERNARD Anne Laure 2)MENA Caroline

(57) Abstract :

The invention relates to a cosmetic assembly comprising: a) a first aqueous composition comprising: at least one active agent chosen from peroxides a hydroxy acids hydroxy acids and mixtures thereof and at least one polymer comprising at least one monomer containing a sulphonic group and b) a second aqueous composition comprising: an anionic foaming surfactant and an amphoteric foaming surfactant in an amphoteric surfactant/anionic surfactant ratio ranging from 0.9 to 80/20 the total content of anionic and amphoteric surfactants being greater than or equal to 10% by weight relative to the total weight of the second composition and a gelling polymer.

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

(21) Application No.6674/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ELECTRICAL ARRANGEMENT FOR PRODUCING ELECTRICAL CONTACTS

 (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 	:102011006335.8 :29/03/2011 :Germany :PCT/EP2012/053212 :24/02/2012 :WO 2012/130539 :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)JOOS Eugen 2)LUETZERATH Stephan 3)WOLTER Mike 4)KALLERHOFF Tobias
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(57) Abstract :

The present invention relates to an electrical arrangement, comprising a plug (3), a mating piece (2) corresponding to the plug and having exposed contact regions (II) for direct contact-making by means of the plug (3). and a locking device (4) for locking the plug (3) on the mating piece (2), wherein the plug (3) and the mating piece (2) are designed to enter into a direct plug-type connection with one another, wherein the mating piece (2) is formed without a collar, , and wherein the locking device (4) has a locking element (6), a guide element (12) and at least one arresting bolt (5), which is designed such that the locking element (6) cuts behind it.

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

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTACT MAKING PLUG FOR MAKING DIRECT CONTACT WITH A PRINTED CIRCUIT BOARD

 (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 	:H01R12/72,H01R12/89 :102011005565.7 :15/03/2011 :Germany :PCT/EP2012/052804 :17/02/2012 :WO 2012/123222 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart (72)Name of Inventor : 1)GAISER Timo 2)SCHOENFELD Michael 3)BERGER Lars 4)FLEIG Michael
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(57) Abstract :

In a contact-making plug (30) for making direct electrical contact with contact areas (3), which are provided on either side of a printed circuit board (2). having two contact supports (6) which are connected to one another in an articulated manner, which between them form a plug receptacle (7) for the printed circuit board (2) and which each have at least one contact element (8), which projects into the plug receptacle (7), for making direct electrical contact with a contact area (3), having a spring (31) which bears against the outside of the two contact supports (6) in each case by way of two spring limbs (32) and pre-stresses the two contact supports (6) in the direction toward one another, and having a control channel (10) which is formed between the two contact supports (6) and laterally next to the plug receptacle (7) and which is constricted by two control projections (12). which are situated opposite one another, of the two contact supports (6) and, together with a control wedge (11) which is provided on the printed circuit board (2). pivots open the two contact supports (6) when the printed circuit board (2) is inserted, provision is made, according to the invention, for the spring limbs (32) to extend in the plugging direction (4) of the contact-making plug (30) and for the spring (31) to be able to be moved between an end position and a preliminary latching position by way of its two spring limbs (32) on the contact supports (6). wherein force is introduced by the two spring limbs (32) onto the contact supports (6) in the end position at a greater distance (LI) from the rotation axis (36) of the two contact supports (6) than in the preliminary latching position.

No. of Pages : 14 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SIGNAL CUT OFF DEVICE FOR FILTER CLOGGING INDICATOR OF TRACTOR

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71) Name of Applicant : 1)ESCORTS LIMITED Address of Applicant :AGRI MACHINERY GROUP, 18/4
(33) Name of priority country	:NA	MATHURA ROAD, FARIDABAD-121007 Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAMADHAN KADAM
(87) International Publication No	: NA	2)DUSHYANT SHARMA
(61) Patent of Addition to Application Number	:NA	3)JAY GOVIND TRIVEDI
Filing Date	:NA	4)NEERAJ VIJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved hydraulic system of tractor for efficient functioning of filter clogging indicator comprising of a temperature sensor connected to filter clogging indicator, wherein said filter clogging indicator signals the dial gauge when the pressure drop caused due to clogging of filter & not due to increase of viscosity of oil due to low temperature. It is associated with the following advantageous features:- 1) Filter clogging indicator gives accurate result regardless of starting of tractor and winter season. 2) Filter is changed when it is really clogged. Therefore, whole life of filter is utilized. 3) Operators aggravation minimized.

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

(21) Application No.308/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : HYDRATE II	NHIBITOR RECOVERY	PROCESS
(51) International classification	:B01D1/22,F26B17/20	(71)Name of Applicant :
(31) Priority Document No	:20111047	1)AKER PROCESS SYSTEMS AS
(32) Priority Date	:20/07/2011	Address of Applicant : P.O. Box 403 N 1327 Lysaker Norway
(33) Name of priority country	:Norway	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/053653	1)MOEN Kolbj,rn
Filing Date	:18/07/2012	2)VALE Jon Even
(87) International Publication No	:WO 2013/011462	3)VINGELVEN Geir
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for recovery of hydrate inhibitor from a fluid comprising hydrate inhibitor water mineral salt ions and salt particles is disclosed. Wherein the system comprises: an indirectly heated paddle dryer with a fluid inlet at least one vapor outlet and a dry salt outlet a vapor separation unit in fluid communication with the at least one vapor outlet for separation of the vapor to recover the hydrate inhibitor.

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

(22) Date of filing of Application :15/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : INTERNALLY COOLABLE COMPONENT FOR A GAS TURBINE WITH AT LEAST ONE COOLING DUCT

 (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 	:F01D5/18 :11177976.5 ·18/08/2011	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen Germany (72)Name of Inventor : 1)EIFEL Marcel 2)GLOSS Daniel 3)HESELHAUS Andreas 4)KLUMPP Stephan 5)LINK Marco 6)SIEBER Uwe 7)V–LKER Stefan 8)WAGNER Michael
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(57) Abstract :

Overall the invention relates to an internally coolable component for a gas turbine (10) with at least one cooling duct (35) on the inner surface (42) of which swirl elements (46) are arranged in the form of turbulators (46) which extend transversely with respect to the main flow direction of a coolant. In order to reduce pressure losses for the coolant (45) in the cooling duct (35) it is provided that pins (48) with different heights are set up between the turbulators (46).

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

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR INDUCING A MERGE CANDIDATE BLOCK AND DEVICE USING SAME

 (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 	:1020110096138 :23/09/2011 :Republic of Korea	 (71)Name of Applicant : 1)KT CORPORATION Address of Applicant :90 Buljeong ro Bundang gu Seongnam city Kyeonggi do 463 711 Republic of Korea (72)Name of Inventor : 1)LEE Bae Keun 2)KWON Jae Cheol
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(57) Abstract :

The present invention relates to a method for inducing a merge candidate block and a device using same. A n image decoding method involves decoding motion estimation region (MER) related in formation; determining whether or not a predicted target block and a spa tial merge candidate block are included in the same MER; and determin ing the spatial merge candidate block to be an unavailable merge candid ate block when the predicted target block and the spatial merge candidate block are included in the same MER. Accordingly, by parallely perform ing the method for inducing a merge candidate, parallel processing is en abled and the computation amount and implementation complexity are reduced.

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

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(51) International classification	:C01C1/18	(71)Name of Applicant :
(31) Priority Document No	:2011901871	1)THE UNIVERSITY OF SYDNEY
(32) Priority Date	:16/05/2011	Address of Applicant : Parramatta Road Sydney New South
(33) Name of priority country	:Australia	Wales 2006 Australia
(86) International Application No	:PCT/AU2011/001557	2)ORICA INTERNATIONAL PTE LTD
Filing Date	:01/12/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/155173	1)JOHNSTON Anthony Matthew
(61) Patent of Addition to Application	:NA	2)HAYNES Brian Scott
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : INTEGRATED PROCESS FOR PRODUCING AMMONIUM NITRATE

(57) Abstract :

A process for producing ammonium nitrate is disclosed and in which: a) a gaseous oxidiser feed composed at least substantially of ammonia steam and an oxidising gas is exposed to conditions whereby the ammonia is oxidised to produce a reaction mixture including nitrogen monoxide and water vapour b) the reaction mixture is cooled in a heat exchanger whereby the nitrogen monoxide is oxidised the water vapour is condensed and the products of the nitrogen monoxide oxidation react with and are absorbed by the condensed water to form a nitric acid stream with substantially all of the nitrogen monoxide in the reaction mixture being converted to nitric acid and c) the nitric acid stream is reacted with a stream of ammonia in an ammonium nitrate producing stage to form the ammonium nitrate Substantially all of the steam within the oxidiser feed is derived from the ammonium nitrate producing stage and at least 10% of the ammonia within the oxidiser feed is derived and carried by the steam from the ammonium nitrate producing stage. Also disclosed is ammonium nitrate in any of its various possible forms when produced by the disclosed process.

No. of Pages : 40 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H01Q9/04	(71)Name of Applicant :
(31) Priority Document No	:13/008835	1)DOCKON AG
(32) Priority Date	:18/01/2011	Address of Applicant : Siriusstrasse 10 CH 8044 Zurich
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2012/021746	(72)Name of Inventor :
Filing Date	:18/01/2012	1)BROWN Forrest James
(87) International Publication No	:WO 2012/099976	2)ORSI Ryan James
(61) Patent of Addition to Application	:NA	3)FOSTER Matthew Robert
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(54) Title of the invention : CIRCULAR POLARIZED COMPOUND LOOP ANTENNA

(57) Abstract :

Embodiments provide single sided and multi layered circular polarized self contained compound loop antennas (circular polarized CPL). Embodiments of the CPL antennas produce circular polarized signals by using two electric field radiators physically oriented orthogonal to each other and by ensuring that the two electric field radiators are positioned such that an electrical delay between the two electric field radiators emitting their respective electric fields out of phase. Ensuring the proper electrical delay between the two electric field radiators also maintains high efficiency of the antenna and it improves the axial ratio of the antenna.

No. of Pages : 56 No. of Claims : 32

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SPRINGLESS COMBINATION SHOCK ABSORBER AND SUSPENSION APPARATUS AND METHOD OF USE

(51) International classification(31) Priority Document No(32) Priority Date	:F16F9/10,F16F9/34,B60G15/06 :13/028348 :16/02/2011	1)ELITE SUSPENSION SYSTEMS LLC Address of Applicant :2722 Glenbriar Drive NE Atlanta
(33) Name of priority country		Georgia 30345 U.S.A.
(86) International Application N Filing Date	:10/02/2012	(72)Name of Inventor : 1)ALLEN Mark M.
(87) International Publication No		2)GIANNOPOULOS Nicholas C.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A springless combination shock absorber and suspension apparatus comprising three tubes: An outer tube a piston tube (inner tube) and a stationary (damping) tube with a floating piston disposed in the inner piston tube wherein the floating piston forms two chambers therein a lower liquid chamber and an upper gas chamber. Fluid dampens shocks by passing through a two way valve in the outer tube and may be controlled internally by a shim plate positioned over apertures or valve passageways or in a separate embodiment by external adjustment of flow by rotating adjusting plates to open and close the valve passageways. The amount by which the gas chamber is reduced in compression is large enough to generate the high pressures required to produce spring like forces. This design allows the gas pressure chamber to operate effectively as a spring.

No. of Pages : 73 No. of Claims : 22

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SELECTIVE WATER VAPOUR TRANSPORT MEMBRANES COMPRISING A NANOFIBROUS LAYER AND METHODS FOR MAKING THE SAME

 (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 	:B01D69/12,B01D61/00 :61/494122 :07/06/2011 :U.S.A. :PCT/CA2012/000560 :07/06/2012 :WO 2012/167366 :NA :NA	 (71)Name of Applicant : 1)DPOINT TECHNOLOGIES INC. Address of Applicant :1275 Venables Street Vancouver British Columbia V6A 2E4 Canada (72)Name of Inventor : 1)HUIZING Ryan Nicholas 2)KO Frank K.
	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A water vapour transport membrane comprises a nanofibrous layer disposed on a macroporous support layer the nanofibrous layer coated with a water permeable polymer. A method for making a water vapour transport membrane comprises forming a nanofibrous layer on a macroporous support layer and applying a water permeable polymer to the nanofibrous layer. The water permeable polymer can be applied for so that the nanofibrous layer is substantially or partially filled with the water permeable polymer or so that the coating forms a substantially continuous layer on one surface of the nanofibrous layer. In some embodiments of the method the nanofibrous layer is formed by electro spinning at least one polymer on at least one side of the porous support layer. In some embodiments the support layer is formable and the method further comprises forming a three dimensional structure from the water vapour transport membrane for example by compression molding pleating or corrugating.

No. of Pages : 67 No. of Claims : 49

(21) Application No.70/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : HETEROPHASIC POLYPROPYLENE WITH LOW CLTE AND HIGH STIFFNESS :C08L23/10,C08K5/00 (71)Name of Applicant : (51) International classification (31) Priority Document No **1)BOREALIS AG** :11174131.0 (32) Priority Date :15/07/2011 Address of Applicant : IZD Tower Wagramerstrasse 17 19 A (33) Name of priority country 1220 Vienna Austria :EPO (86) International Application No :PCT/EP2012/063590 (72)Name of Inventor : Filing Date **1)POTTER Gregory** :11/07/2012 (87) International Publication No :WO 2013/010877 2)GRESTENBERGER Georg (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Polyolefin composition (PO) comprising (a) a heterophasic propylene copolymer (HECO) comprising (a1) a polypropylene (PP) being the matrix of the heterophasic propylene copolymer (HECO) and (a2) an elastomeric propylene copolymer (E) said heterophasic propylene copolymer (HECO) has an intrinsic viscosity ratio of the xylene cold soluble (XCS) fraction and xylene cold insoluble (XCI) fraction [(XCS)/(XCI)] equal or below 1.6 and (b) more than 150 to equal or below 800 ppm of a nucleating agent (VP) selected from the group consisting of vinylcycloalkane polymers vinylalkane polymers and mixtures thereof.

No. of Pages : 37 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : MOTOR COOLING AND SUB COOLING CIRCUITS FOR COMPRESSOR

 (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 	:F25B31/02 :61/535566 :16/09/2011 :U.S.A. :PCT/US2012/036868 :08/05/2012 :WO 2013/039572 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DANFOSS TURBOCOR COMPRESSORS B.V. Address of Applicant :Koningslaan 17 NL 1075 AA Amsterdam Netherlands (72)Name of Inventor : 1)SUN Lin 2)BISHOP Paul D. 3)LIN Huai Yu 4)ALVARES Jose 5)VEERASURLA Ramesh
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(57) Abstract :

An example of the disclosed refrigerant system includes a compressor having a motor that is cooled by motor cooling fluid provided to the motor from the main refrigerant loop by a motor cooling circuit. The example system further includes a sub cooling circuit to cool the motor cooling fluid.

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

(19) INDIA

(22) Date of filing of Application :21/01/2014

(54) Title of the invention : EXTRUSION PRESS

(43) Publication Date : 02/01/2015

(51) International classification	:B21C27/00,B21C35/04	(71)Name of Applicant :
(31) Priority Document No	:2011173675	1)UBE MACHINERY CORPORATION LTD.
(32) Priority Date	:09/08/2011	Address of Applicant :1980 Aza Okinoyama Oaza Kogushi
(33) Name of priority country	:Japan	Ube shi Yamaguchi 7558633 Japan
(86) International Application No	:PCT/JP2012/067843	(72)Name of Inventor :
Filing Date	:12/07/2012	1)YAMAMOTO Takeharu
(87) International Publication No	:WO 2013/021782	2)NAKANO Koji
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a short stroke type extrusion press which is capable of increasing a container strip force improving energy efficiency and saving space by reducing apparatus length. A main cylinder housing (4) of the extrusion press comprises a transfer medium (10) which advances or retreats an extrusion stem (13) in an extrusion axis direction and a transfer medium (16) which advances or retreats a container (14) in the extrusion axis direction. A container pushing medium (21) is disposed at an end platen (1) disposed opposite the main cylinder housing (4) and makes it possible for at least four different transfer motions to be carried out independently or in collaboration with the container transfer medium in the direction in which the container (14) separates from a die (9).

No. of Pages : 16 No. of Claims : 3

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DIETHYLSTILBESTROL DOSAGE FORM AND USE FOR THE TREATMENT OF PROSTATE OR BREAST CANCER

classification:A01K9/00,A01K31/30,A01P35/00(31) Priority Document No:13/040143(32) Priority Date:03/03/2011(33) Name of priority country:U.S.A.	 (71)Name of Applicant : 1)NAL PHARMACEUTICALS LTD. Address of Applicant :Room 2109 Windsor House 311 Gloucester Road Causeway Bay Hong Kong China 2)WALLACE Sheila Jane (72)Name of Inventor : 1)CHOW Diana Shu Lian 2)AKO Roland A.
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(57) Abstract :

Oral dosage forms as a biodegradable, water soluble film for delivering pharmaceutically active agents, particularly diethylstilbestrol and pharmaceutically acceptable salts thereof to patients through insertion into the mouth of patient and methods for administering pharmaceutically active agents to patients by insertion into the mouth to provide selective uptake of said agents through the mucosa and thus avoiding the gastrointestinal tract.

No. of Pages : 45 No. of Claims : 86

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : VARIANTS	S OF HUMAN GDNF	
 (54) Title of the invention : VARIANTS (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 	:A61K38/18,C07K14/475 :61/474024 :11/04/2011 :U.S.A. :PCT/US2012/031927 :03/04/2012 :WO 2012/141936 :NA	 (71)Name of Applicant : 1)ELI LILLY AND COMPANY Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 U.S.A. (72)Name of Inventor : 1)LEUNG Donmienne Doen Mun 2)LU Jirong 3)MERCHANT Kalpana Mahesh 4)GHANEM Mahmoud
Filing Date	:NA	4)GHANEM Mahmoud 5)OBRYAN Linda Maureen 6)SMITH Rosamund Carol
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel variants of human glial cell-derived neurotrophic factor (GDNF) and methods for their use.

No. of Pages : 51 No. of Claims : 14

(22) Date of filing of Application :21/08/2013

(54) Title of the invention : NEW COMPOSITIONS FOR TREATING NEUROLOGICAL DISORDERS

 (51) International classification (31) Priority Documen 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 	:01/03/2011 :EPO :PCT/EP2012/053565 :01/03/2012 :WO 2012/117073	 (71)Name of Applicant : PHARNEXT Address of Applicant :11 rue des Peupliers F 92130 Issy Les Moulineaux France (72)Name of Inventor : COHEN Daniel CHUMAKOV Ilya NABIROCHKIN Serguei VIAL Emmanuel GUEDJ Micka«l
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(57) Abstract :

The present invention relates to compositions comprising Torasemide Trimetazidine Mexiletine Ifenprodil Moxifloxacin or Bromocriptine or a salt prodrug derivative or sustained releaseformulation thereof and methods for the treatment of neurological disorders related to glutamate excitotoxicity and Amyloid toxicity. More specifically the present invention relates to novel combinatorial therapies of Multiple Sclerosis Alzheimer s disease Alzheimer s disease related disorders Amyotrophic Lateral Sclerosis Parkinson s disease Huntington s disease neuropathic pain alcoholic neuropathy alcoholism or alcohol withdrawal or spinal cord injury.

No. of Pages : 101 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DYNAMIC MIXER

(57) Abstract :

The present invention relates to a method pertaining to de termination of a contact point for a clutch(106) of a vehicle(IOO), such that said clutch(106) is intended to transmit driving power between a first power source in the form of an engine (101) and at least one powered wheel (113, 14), that said contact point determination involves opening of said clutch r (106), and that when the contact point is being determined and the vehicle(IOO) is in motion the methodIO further comprises -controlling the speed of said first power source (101) towards a first speed (col) which is higher than an idling speed of said first power source (101).

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

(19) INDIA

(22) Date of filing of Application :20/01/2014

(54) Title of the invention · TURBINE BLADE

(43) Publication Date : 02/01/2015

LADE	
:F03D 1/06	(71)Name of Applicant :
:1112844.4	1)ABU AL RUBB Khalil
:26/07/2011	Address of Applicant :Salwa Road c/o KBAS Co. P.O. Box
:U.K.	2599 Doha Qatar
:PCT/GB2012/051812	(72)Name of Inventor :
:26/07/2012	1)ABU AL RUBB Khalil
:WO 2013/014463	
:NA	
:NA	
:NA	
:NA	
	:F03D 1/06 :1112844.4 :26/07/2011 :U.K. :PCT/GB2012/051812 :26/07/2012 :WO 2013/014463 :NA :NA :NA

(57) Abstract :

Embodiments of the invention relate to blades for turbines such as wind turbines comprising a structural frame with a sail mounted thereon. In certain embodiments a portion of the frame contributes to the buoyancy of the blade. In further embodiments the frame comprises strengthening cords. In further embodiments the frame comprises a reinforced tip. In further embodiments the blade has a tip arranged to articulate relative to a body portion to alter the aerodynamic profile of the blade as the blade rotates to thereby assist up strokes of the blade.

No. of Pages : 26 No. of Claims : 53

(19) INDIA

(22) Date of filing of Application :03/01/2014

(54) Title of the invention : NETWORK PROXYING TECHNOLOGY

(43) Publication Date : 02/01/2015

(51) International classification	:H04L12/28	(71)Name of Applicant :
(31) Priority Document No	:11173482.8	1)SONY CORPORATION
(32) Priority Date	:11/07/2011	Address of Applicant :1 7 1 Konan Minato Ku Tokyo 108
(33) Name of priority country	:EPO	0075 Japan
(86) International Application No	:PCT/EP2012/063481	(72)Name of Inventor :
Filing Date	:10/07/2012	1)POHLMANN Frank
(87) International Publication No	:WO 2013/007722	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a network device comprising a first network interface adapted to communicate with at least one further network device within a sub network and a proxy module adapted to provide control and information retrieval functionality relating to said at least one further network device to network devices outside said sub network.

No. of Pages : 21 No. of Claims : 25

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIPID NANOPARTICLE COMPOSITIONS AND METHODS FOR MRNA DELIVERY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International 	:A61K38/00,A61K38/16,A61K38/43 :61/494881 :08/06/2011 :U.S.A. :PCT/US2012/041724 :08/06/2012 :WO 2012/170930	 (71)Name of Applicant : 1)SHIRE HUMAN GENETIC THERAPIES INC Address of Applicant :300 Shire Way Lexington MA 02421 U.S.A. (72)Name of Inventor : 1)GUILD Braydon Charles 2)DEROSA Frank 3)HEARTLEIN Michael
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Disclosed herein are compositions and methods for modulating the production of a protein in a target cell. The compositions and methods disclosed herein are capable of ameliorating diseases associated with protein or enzyme deficiencies.

No. of Pages : 90 No. of Claims : 40

(21) Application No.6857/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :01/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF LAYER STRUCTURES IN WIND ENERGY PLANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:20/02/2012	1)LINDNER Stefan 2)FRANKEN Klaus 3)PASSMANN Dirk 4)NORDMANN Peter

(57) Abstract :

The invention relates to the use of layer structures in the production of rotor blades for wind power plants, and to rotor blades for wind power plants.

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

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLUOROPOLYMER FILMS AND METHODS FOR MAKING THE SAME

 (51) International classification :C08J5/18,C08J7/04,C (31) Priority Document No :61/446752 (32) Priority Date :25/02/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/026253 Filing Date :23/02/2012 (87) International Publication No :WO 2012/116140 (61) Patent of Addition to Application Number Filing Date :NA :NA (62) Divisional to Application NA Number Filing Date NA NA NA NA 	 C08L27/12 (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P O. Box 2245 Morristown NJ 07962 2245 3 U.S.A. (72)Name of Inventor : 1)TING Yuan Ping Robert 2)PORTER Simon J. 3)ALTMAN Carl E. 4)RAINAL Eric J. 5)JUILAN Samuel M. 6)FRYER James I.
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(57) Abstract :

Embodiments of films and methods for making the films are provided. The film comprises a fluoropolymer layer hav - ing a surface and comprising a melt processable fluoropolymer and a functionalized polymer dispersed throughout the fluoropolymer layer. A portion of the functionalized polymer is disposed at the surface of the fluoropolymer layer for bonding to a second layer.

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

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(51) International classification	:A61J1/20	(71)Name of Applicant :
(31) Priority Document No	:212420	1)MEDIMOP MEDICAL PROJECTS LTD
(32) Priority Date	:17/04/2011	Address of Applicant :17 Hatidhar Street POBox 2499 43665
(33) Name of priority country	:Israel	Raanana Israel
(86) International Application No	:PCT/IL2012/000164	(72)Name of Inventor :
Filing Date	:17/04/2012	1)DENENBURG Igor
(87) International Publication No	:WO 2012/143921	2)LEV Nimrod
(61) Patent of Addition to Application	:NA	3)BUKHMAN Mordechai
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A 1. stud st s		

(54) Title of the invention : LIQUID DRUG TRANSFER ASSEMBLY

(57) Abstract :

Liquid drug transfer assemblies (100A) for use with a drug vial (20) having a drug vial opening (23) stopped by a drug vial stopper (24). The liquid drug transfer assemblies (100A) include a drug vial stopper puncturing member (110) for puncturing a drug vial stopper (24). The liquid drug transfer assemblies (100A) also include a drug vial adapter (120) having a drug vial adapter skirt (122) an upright drug vial adapter port (124) and a drug vial adapter sleeve (131) downward depending opposite the upright drug vial adapter port (124) and in flow communication therewith. The drug vial adapter (120) is slidingly disposed on the drug vial stopper puncturing member (110) such that on mounting the liquid drug transfer assembly (100A) on the drug vial (20) the drug vial stopper puncturing member (110) punctures the drug vial stopper (24) to form a throughgoing puncture bore P and the drug vial adapter sleeve (131) lines the puncture bore P.

No. of Pages : 43 No. of Claims : 12

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PRODUCING SILYL FUNCTIONALIZED POLYOLEFINS AND SILYL FUNCTIONALIZED POLYOLEFINS WITH SILYL MONOMER INCORPORATION

 (51) International classification (31) Priority Document No. (32) Priority Date (33) Name of priority country. 	:C08F210/00,C08F230/08,C08F4/6592 o:61/434228 :19/01/2011 :U.S.A.	 (71)Name of Applicant : 1)DOW CORNING CORPORATION Address of Applicant :2200 West Salzburg Road Midland MI 48686 0994 U.S.A. 2)NORTHWESTERN UNIVERSITY (72)Name of Inventor :
country (86) International Application No Filing Date (87) International Publication No	:PCT/US2012/021558 :17/01/2012 :WO 2012/099882	 (72)Name of Inventor 1 1)BURNS Gary 2)DE BUYL Francois 3)FU Peng Fei 4)MARKS Tobin J. 5)SMITS Valerie
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

Methods for producing a silvl functionalized polyolefin with silvl monomer incorporation are provided. The method includes reacting a silicon containing olefin with an a olefin in the presence of a catalytic amount of a group IV catalyst for a time sufficient to produce a silvl functionalized polyolefin.

No. of Pages : 32 No. of Claims : 26

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COLD PREPARED GEL AND METHOD FOR MAKING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		 (71)Name of Applicant : 1)CP KELCO APS Address of Applicant :Ved Banen 16 DK 4623 Lille Skensved Denmark (72)Name of Inventor : 1)TRUDSOE Jens Eskil 2)OLSEN Helle Bech
(87) International Publication No	:WO 2012/130546	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A gel comprising water pectin having a DE from about 62 to 75 soluble saccharide or sugar alcohol solids present in an amount from about 44 to 60% by weight of the gel and a pH reducing agent for reducing the pH of the gel from a level from about 2 to 3. A method for making the gel without heating or cooling is also disclosed.

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

(54) Title of the invention : EMULSION POLYMERISATION METHOD

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(51) International classification :A61K8/89,C08J3/03,C08L83/04 (71)Name of Applicant : (31) Priority Document No :1103690.2 1)DOW CORNING CORPORATION (32) Priority Date :04/03/2011 Address of Applicant :2200 West Salzburg Road PO Box 994 (33) Name of priority country Midland Michigan 48611 U.S.A. :U.K. (86) International Application (72)Name of Inventor : :PCT/EP2012/053520 **1)CAUVIN Severine** No :01/03/2012 Filing Date 2)VAN ROY Blondine (87) International Publication No: WO 2012/119916 **3)RASSART Benoit** (61) Patent of Addition to **4)PETROSINO Alberto** :NA Application Number **5)HANSSENS Sophie** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a method for the production of silicone in water emulsions by emulsion polymerisation. The emulsion contains particles of an organopolysiloxane polymer having an average particle diameter of less than 1µm. The method comprises: combining a silanol end blocked organosiloxane starting polymer water and a surfactant; said starting polymer having a viscosity of at least 2 Pa.s preferably at least 2.5 Pa.s preferably at least 3.5 Pa.s preferably at least 4 Pa.s and up to 150 Pa.s; emulsifying the starting polymer by agitating or shearing the ingredients; polymerizing the starting polymer to form a longer chain silanol end blocked organopolysiloxane polymer; wherein at least a portion of said polymerising step is performed at a temperature of less than or equal to 16 °C preferably less than or equal to 15 °C.

No. of Pages : 22 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CHECK VALVE ASSEMBLY FOR WELL STIMULATION OPERATIONS

(51) International classification	:E21B34/08,E21B43/04,E21B49/00	(71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC.
(31) Priority Document No	:13/041611	Address of Applicant :2601 Beltline Road Carrollton TX
(32) Priority Date	:07/03/2011	75006 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2012/025650 :17/02/2012	1)VEIT Jan
(87) International Publication No	:WO 2012/121864	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A check valve assembly for well stimulation operations. The check valve assembly includes a valve body having an axially extending passageway including an inlet and a valve body seat. The valve body has a discharge port extending laterally from o the passageway. A valve cap slidably engages with the valve body and has an opening with a valve cap seat. A piston is disposed within the passageway. In a closed position, a first sealing surface of the piston engages the valve body seat to prevent fluid commu - nication between the inlet and the discharge port. In an open position, a second sealing surface of the piston engages the valve cap seat allowing fluid communication between the inlet and the discharge port. A spring disposed within the passageway between the piston and the valve cap biases the piston toward the closed position.

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

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FCGRIIB SPECIFIC FC ANTIBODY

 (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 	¹ :PCT/JP2012/054624 :24/02/2012	 (71)Name of Applicant : 1)CHUGAI SEIYAKU KABUSHIKI KAISHA Address of Applicant :5 1 Ukima 5 chome Kita ku Tokyo 1158543 Japan (72)Name of Inventor : 1)MIMOTO Futa 2)KURAMOCHI Taichi 3)IGAWA Tomoyuki 4)KATADA Hitoshi 5)KADONO Shojiro
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)KADONO Shojiro

(57) Abstract :

The purpose of the present invention is to provide: a polypeptide containing an Fc region of which the activity of binding to both of genetic polymorphism types H and R of FcRIIa is maintained or reduced compared with that of a parent polypeptide and of which the activity of binding to FcRIIb is enhanced compared with that of the parent polypeptide; a pharmaceutical composition containing the polypeptide; a therapeutic or prophylactic agent for immune/inflammatory diseases which comprises the pharmaceutical composition; processes for producing those products; and a method for maintaining or reducing the activity of binding to both of the above mentioned genetic polymorphism types of FcRIIa or enhancing the activity of binding to FcRIIb. Specifically it is found that a polypeptide which contains an antibody Fc region that contains a mutation produced by substituting Pro located at 238th position as numbered in accordance with the EU numbering method by Glu is enhanced with respect to the activity of binding to FcRIIa. It is also found that a polypeptide which contains an antibody Fc region that contains a mutation produced by substituting Pro located at 238th respect to the activity of binding to FcRIIa. It is also found that a polypeptide which contains an antibody Fc region that contains a mutation produced by substituting Pro located at 238th prolocated at 238th position as numbered in accordance with the EU numbering method by Glu is enhanced with respect to the activity of binding to FcRIIa. It is also found that a polypeptide which contains an antibody Fc region that contains a mutation produced by substituting Pro located at 238th position as numbered in accordance with the EU numbering method by Asp and another type of mutation is enhanced at 238th position as numbered in accordance with the EU numbering method by Asp and another type of mutation is enhanced with respect to the activity of binding to both of genetic polymorphism types H and R of FcRIIa.

No. of Pages : 522 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:G01D5/34	(71)Name of Applicant :
(31) Priority Document No	:1156629	1)BENARROSH Jean Claude
(32) Priority Date	:21/07/2011	Address of Applicant :39 via Privata Maraini CH 6942 Savosa
(33) Name of priority country	:France	Switzerland
(86) International Application No	:PCT/FR2012/051734	2)BENARROSH Helen
Filing Date	:20/07/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/011249	1)ARNOLD Bertrand
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DIGITAL MOVEMENT MEASURING DEVICE

(57) Abstract :

The invention relates to a device for measuring the movement of a mobile element moving in at least one direction. The device comprises: a light source emitting a light beam; an optical member which intercepts the beam and is connected to the mobile element such as to follow the movement thereof; pixel sensors that capture the emitted beam determined by the position of the optical element in relation to the light source said pixels being disposed such that at least some are illuminated in a manner that varies with the position of the mobile element as it moves; a comparator module that compares the values originating from the pixels of the sensors with two different thresholds such as to assign a logical value to some of said values; and a calculation module that determines the position of the mobile element from the data originating from the comparator module.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.465/DELNP/2014 A
		(43) Publication Date : 02/01/2015
(54) Title of the invention : NO	VEL FILM FOR SOLAR CELLS	
 (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 	:C08J5/18,C08L67/00,C08L79/00 :11178233.0 :22/08/2011 :EPO :PCT/EP2012/066201 :20/08/2012 :WO 2013/026828 :NA :NA :NA	 (71)Name of Applicant : 1)RHEIN CHEMIE RHEINAU GMBH Address of Applicant :D¹/₄sseldorfer Str. 23 27 68219 Mannheim Germany (72)Name of Inventor : 1)LAUFER Wilhelm 2)ECKERT Armin

(57) Abstract :

The invention relates to novel films for solar cells which are characterized by having an improved resistance to hydrolysis.

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

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : RECOMBINANT BACTERIA HAVING IMPROVED SUCROSE UTILIZATION

 (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 	:C12N1/21,C12N15/55,C12N15/54 :13/210550 :16/08/2011 :U.S.A. :PCT/US2012/044088 :25/06/2012 :WO 2013/025286 :NA :NA	 (71)Name of Applicant : 1)E. I. du Pont de Nemours and Company Address of Applicant :1007 Market Street Wilmington Delaware 19899 U.S.A. (72)Name of Inventor : 1)CHEN Qi 2)CHENG Qiong 3)LAI Jian Ping 4)RUEBLING JASS Kristin
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

RECOMBINANT BACTERIA HAVING AN IMPROVED ABILITY TO UTILIZE SUCROSE ARE PROVIDED. THESE RECOMBINANT BACTERIA HAVE NUCLEOTIDE SEQUENCES ENCODING SUCROSE UTILIZATION POLYPEPTIDES INTEGRATED INTO THEIR GENOME BETWEEN THE YIHP GENE OR ITS HOMOLOG AND THE YIHO GENE OR ITS HOMOLOG. ADDITIONALLY, METHODS OF UTILIZING THE RECOMBINANT BACTERIA TO PRODUCE PRODUCTS SUCH AS GLYCEROL AND GLYCEROL-DERIVED PRODUCTS ARE PROVIDED

No. of Pages : 240 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION (21) Application No.6629/DELNP/2013 A (19) INDIA (22) Date of filing of Application :25/07/2013 (43) Publication Date : 02/01/2015 (54) Title of the invention : APPARATUS FOR MANUFACTURING METAL SCRAP COMPRESSION MATERIAL AND MANUFACTURING METHOD THEREOF :B30B9/32,B09B3/00,B09B5/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :1020110008561 1)DAEJONG INDUSTRY CO LTD. (32) Priority Date :28/01/2011 Address of Applicant :150 35 Dogok ri Poseung eup (33) Name of priority country :Republic of Korea Pyeongtaek si Gyeonggi do 451 822 Republic of Korea (86) International Application No: PCT/KR2012/000657 (72)Name of Inventor : Filing Date :30/01/2012 1)LEE Tae Ho (87) International Publication No :WO 2012/138047 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA

(57) Abstract :

Filing Date

Number

The present invention relates to an apparatus for manufacturing a metal scrap compression material and a manufacturing method thereof which compress collected metal scraps of various shapes and process the compressed metal scraps into a standard form so as to manufacture a metal scrap form capable of being directly inserted into a blast furnace. The apparatus for manufacturing the metal scrap compression material and the manufacturing method thereof enable efficient melting and forms a through hole to observe the state of an inner layer wherein the through hole is formed in a metal scrap compression material manufacturing process.

No. of Pages : 39 No. of Claims : 10

:NA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NUCLEIC ACID MOLECULES THAT TARGET THE RHO1 SMALL GTP BINDING PROTEIN AND CONFER RESISTANCE TO COLEOPTERAN PESTS

(57) Abstract :

This disclosure concerns nucleic acid molecules and methods of use thereof for control of coleopteran pests through RNA interference mediated inhibition of target coding and transcribed non coding sequences in coleopteran pests. The disclosure also concerns methods for making transgenic plants that express nucleic acid molecules useful for the control of coleopteran pests and the plant cells and plants obtained thereby.

No. of Pages : 152 No. of Claims : 60

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A TUNABLE OPTICAL FREQUENCY COMB GENERATOR

 (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 	:61/450034 :07/03/2011 :U.S.A.	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave Grard 75007 Paris France (72)Name of Inventor : 1)CHEN Long L. 2)DOERR Christopher R. 3)DUPUIS Nicolas
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(57) Abstract :

An optical device comprising a tunable optical frequency comb generator. The comb generator includes an interferometer and an optical feed-back loop waveguide.

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

(22) Date of filing of Application :18/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : CATALYTIC BIOMASS CONVERSION		
(51) International classification(31) Priority Document No(22) Priority Document No	:D21C3/00,D21C9/00,D21C9/16 :61/503058	1)NANO GREEN BIOREFINERIES INC.
 (32) Priority Date (33) Name of priority country (86) International Application N 		Address of Applicant :104 2518 Faithful Avenue Saskatoon Saskatchewan S7K 6R3 Canada (72)Name of Inventor :
Filing Date (87) International Publication N (61) Patent of Addition to	:29/06/2012 o :WO 2013/000074 :NA	1)OLKOWSKI Andrew A. 2)LAARVELD Bernard
Application Number Filing Date (62) Divisional to Application	:NA :NA	
Number Filing Date	:NA	

(57) Abstract :

A biorefining method of processing a lignocellulosic biomass to separate lignin and hemicellulose from cellulose includes the steps of (a) reacting the biomass in an aqueous slurry having a pH less than 7 comprising a transition metal catalyst hydrogen peroxide; and (b) separating a solid cellulose fraction from dissolved lignin and hemicellulose fractions. The method may also be used to treat cellulose and produce microcrystalline or nanocrystalline cellulose. The transition metal catalyst may be a nanoparticulate catalyst including multivalent iron iron oxides and iron hydroxides. The nanoparticulate catalyst may be formed by oxidizing a highly reduced solution of iron such as groundwater that has not been exposed to oxygen.

No. of Pages : 70 No. of Claims : 29

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR COUPLING A MOBILE DEVICE TO AN OUTPUT DEVICE

 (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 	:A 386/2011 :18/03/2011 :Austria :PCT/EP2012/054651 :16/03/2012 :WO 2012/126823 :NA	 (71)Name of Applicant : 1)SIEMENS CONVERGENCE CREATORS GMBH Address of Applicant :Autokaderstrae 29 1210 Wien Austria (72)Name of Inventor : 1)JENZOWSKY Stefan 2)PLACHO Markus
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and a system for coupling at least one mobile device (MG) to at least one output device (AG) in particular a screen unit. In this case the mobile device (MG) is used to control a selection and/or output of data contents wherein these data contents are provided via a cellular communication network (KN). The at least one mobile device (MG) initiates (1) a coupling component (CDE) via the cellular communication network (KN). The coupling component (CDE) then determines (2) the at least one output device (AG) to be coupled on the basis of a stored user specific environment pattern and dynamically couples (LC) (3) said output device to the at least one mobile device (MG). In this case the system according to the invention comprises at least one mobile device (MG) which is intended to be used to control a selection and/or output of data contents at least one output device (AG) and a cellular communication network (KN) which provides the data contents. A coupling component (CDE) is also provided which component determines the output device (AG) to be coupled on the basis of a stored user specific environment pattern and couples (LC) said output device to the mobile device. On account of the invention it is possible to simply automatically and flexibly couple (LC) any desired mobile devices (MG) (for example a smartphone a tablet PC etc.) to any desired output devices (AG) (for example a TV set etc.).

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

(21) Application No.7393/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : BUILD MATERIAL AND APPLICATIONS THEREOF

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International	76,008F290/06,B29C67/00 76 011 2012/026086 012	 (71)Name of Applicant : 1)3D SYSTEMS INC. Address of Applicant :333 Three D Systems Circle Rock Hill SC 29730 U.S.A. (72)Name of Inventor : 1)XU Pingyong 2)STOCKWELL John
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(57) Abstract :

In one aspect build materials operable for use in 3D printing systems are described herein. In some embodiments a build material comprises an oNgomeric curable material a reactive component that is solid at 25 °C and at least one diluent wherein the reactive component comprises at least one chemical moiety that Is polymerizable with a chemical moiety contained in the oligomeric curable material and /or the at least one diluent.

No. of Pages : 52 No. of Claims : 48

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:B29C67/00	(71)Name of Applicant :
(31) Priority Document No	:13/032936	1)3D SYSTEMS INC.
(32) Priority Date	:23/02/2011	Address of Applicant :333 Three D Systems Circle Rock Hill
(33) Name of priority country	:U.S.A.	SC 29730 U.S.A.
(86) International Application No	:PCT/US2012/026080	(72)Name of Inventor :
Filing Date	:22/02/2012	1)XU Pingyong
(87) International Publication No	:WO 2012/116047	2)MOUSSA Khalil
(61) Patent of Addition to Application	:NA	3)STOCKWELL John
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SUPPORT MATERIAL AND APPLICATIONS THEREOF

(57) Abstract :

In one aspect support materials operable for use in 3D printing systems are described herein. In some embodiments a support material comprises a wax component comprising at least one ethoxylated fatty alcohol arid a viscosity modifying agent wherein the support material is water dispersible. In some embodiments the wax component comprises a mixture of at least one fatty alcohol and at least one ethoxylated fatty alcohol.

No. of Pages : 47 No. of Claims : 33

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOSITION AND METHOD FOR TREATING CANCER

(57) Abstract :

Pharmaceutical compositions useful as vaccines are described containing a purified surface or excreted protein qualitatively or quantitatively associated with a type of cancer at least one interleukin (IL) and at least one colony stimulating factor (CSF) where the purified surface or excreted protein is provided in an amount sufficient to induce an immune response in an individual administered the composition. Such compositions can be used in methods for treating individuals having cancer and for inducing an immunotherapeutic response in the same.

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

(21) Application No.7405/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS FOR GENERATING ELECTRICITY

 (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 	:24/02/2012	 (71)Name of Applicant : 1)PORTLANE TECHNOLOGIES PTY LTD Address of Applicant :Unit 11 1 Northcliff Street Milsons Point New South Wales 2061 Australia (72)Name of Inventor : 1)PORTOLAN Glauco 2)MULLANE Greg 3)BUTTON Elton Harman
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(57) Abstract :

An apparatus for generating electricity from mains water is comprises a shaft and a rotor supported on the shaft. The rotor is rotatable in the apparatus as mains water flows through the apparatus. The apparatus also comprises spaced bearings for supporting the shaft. A stator is electromagnetically coupled to the rotor such that as the rotor is rotated by the mains water flowing through the apparatus it causes the stator to generate electricity.

No. of Pages : 43 No. of Claims : 29

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR GENETICALLY MODIFYING ACIDOPHILIC BACTERIA AND CONSTRUCTING A TRANSFORMATION VECTOR

(51) International classification(31) Priority Document No(32) Priority Date	:C12N15/63,C12N15/64,C12N15/74 :PI11004185 :18/02/2011	Address of Applicant :Avenida Gra§a Aranha 26 Centro CEP 20030 001 Rio de Janeiro RJ Brazil
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:PCT/BR2012/000045 :17/02/2012	2)UNIVERSIDADE ESTADUAL PAULISTA JULIO DE MESQUITA FILHO 3)UNICAMP UNIVERSIDADE ESTADUAL DE CAMPINAS (72)Name of Inventor : 1)CHRIST Ana Paula Guarnieri
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)ALEXANDRINO Fabiana 3)GARCIA JR. Oswaldo

(57) Abstract :

The present invention describes a method for transforming chemolithotrophic acidophilic bactria using electroporation technology. The proposed method allows transforming a bacterial line using a transformation vector, the pAF vector, which contains an origin of vegetative replication that allows the vector to replicate inside the bactria without altering the natural physiological functions of the latter. Also disclosed is the use of the bactria modified according to the invention in bioleaching processes of sulphated copper, gold, uranium, nickel, zinc and cobalt ore, inter alia.

No. of Pages : 26 No. of Claims : 30

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMPROVEMENTS IN THE MANUFACTURING OF STACKS OF MULTIPLAYER PLASTIC LAMINATES FOR PRINTED CIRCUITS

()	:PCT/IT2012/000066 :09/03/2012 :WO 2013/121450 :NA :NA	 (71)Name of Applicant : 1)CEDAL EQUIPMENT SRL Address of Applicant :Via Cascina Mojetta 38 I 20148 Milano (MI) Italy (72)Name of Inventor : 1)CERASO Bruno
Filing Date	:NA :NA :NA	

(57) Abstract :

In manufacturing multilayer plastic laminates for printed circuits,, a press with two surfaces exerts pressure under vacuum on a stack of laminates the packs alternated with separator plates made of anodized aluminum. The packs include prepreg layers. The metalizations present on the two sides of each pack are portions of a copper strip repeatedly folded 180° around each pack and each separator plate. A strong current circulates in the copper strip which heats the strip with resistive behavior: the heat causes the close fixing of the various layers. An auxiliary heater is applied to each surface of the press by means of an interposed insulating plate. This comprises an aluminum plate with equidistant longitudinal holes containing the same number of armored candle like resistors connected in parallel. A main power supply provides direct current to the copper strip two secondary power supplies provide alternating current to the two auxiliary heaters. A PLC is connected to three thermal probes, respectively present at the center of the stack and in the two auxiliary heaters. The PLC assisted by a PC controls the three power supplies in order to increase the measured temperatures according to a pre established gradualness, consequently obtaining about the same temperature in all the packs of the stack.

No. of Pages : 45 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROTEOLYSIS DETECTION		
 (54) Title of the invention : PROTEOLY (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 		 (71)Name of Applicant : 1)THE UNIVERSITY OF QUEENSLAND Address of Applicant :St Lucia Queensland 4072 Australia (72)Name of Inventor : 1)DIMITROV Krassen
Filing Date	:NA :NA	

(57) Abstract :

Disclosed are electrochemical methods apparatus systems and kits for the detection or monitoring of proteolysis of proteinaceous matrices such as fibrin clots. The methods apparatus systems and kits generally include the use of voltammetric techniques to measure the changes in current that result from diffusion of an electroactive species towards an electrode on proteolysis of a proteinaceous matrix.

No. of Pages : 45 No. of Claims : 25

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF PROPYLENE GLYCOL TO CONTROL THE DEGREE OF HEAT INDUCED FOAM GENERATION A FOOD SYSTEM

 (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 	:61/470069 :31/03/2011 :U.S.A. :PCT/IB2012/051157 :12/03/2012 :WO 2012/131513 :NA :NA	 (71)Name of Applicant : 1)DUPONT NUTRITION BIOSCIENCES APS Address of Applicant :Langebrogade 1 P.O. Box 17 DK 1001 Copenhagen K Denmark (72)Name of Inventor : 1)ALEXANDER Jesse 2)NEDDERSEN John
	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Use of a composition to control the degree of heat induced foam generation in a foodstuff system when said foodstuff system is heated wherein the composition comprises a fatty acid ester of propylene glycol.

No. of Pages : 37 No. of Claims : 21

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD FOR THE USE OF OXIDANTS FOR MICROBIAL CONTROL UNDER REDUCING CONDITIONS

 (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 	:D21C9/08,D21H21/36 :61/435536 :24/01/2011 :U.S.A. :PCT/EP2012/050856 :20/01/2012 :WO 2012/101051 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LONZA INC. Address of Applicant :90 Boroline Rd Allendale NJ 07401 U.S.A. 2)LONZA LTD (72)Name of Inventor : JANAK Kevin
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(57) Abstract :

Microbial growth in an aqueous system containing borohydride residues is controlled by adding an aldehyde or aldehyde source followed by adding an active halogen biocide. The active halogen biocide is preferably stabilized by an N hydrogen compound.

No. of Pages : 11 No. of Claims : 24

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : MID REGIONAL PRO ATRIAL NATRIURETIC PEPTIDE (PRO ANP) FOR THE IDENTIFICATION PATIENTS WITH ATRIAL FIBRILLATION WITH AN ONSET OF LESS THAN 48 HOURS AGO

 (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 	:G01N33/68 :11352009.2 :28/07/2011 :EPO :PCT/EP2012/002778 :02/07/2012 :WO 2013/013758 :NA :NA :NA :NA	 (71)Name of Applicant : 1)B.R.A.H.M.S. GMBH Address of Applicant :Neuendorfstrasse 25 16761 Henningsdorf Germany 2)ASSISTANCE PUBLIQUE HOPITAUX DE PARIS 3)UNIVERSITE PARIS DESCARTES (72)Name of Inventor : 1)MEUNE Christophe
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(57) Abstract :

The invention relates to a method for the determination of the time from onset of atrial fibrillation to presentation in a patient comprising the steps of: providing a sample of a bodily fluid of said patient determining the level of proANP (SEQ ID NO: 1) or fragments thereof in said sample correlating the level of proANP or fragments thereof to the time from the onset of atrial fibrillation to presentation of said patient wherein said fragments have a length of at least 6 amino acid residues.

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

(21) Application No.7400/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD AND A BASE STATION FOR ALLOCATION MEASUREMENT GAPS (51) International classification :H04W24/10 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L.M. ERICSSON (PUBL) :NA (32) Priority Date Address of Applicant :S 164 83 Stockholm Sweden :NA (33) Name of priority country (72)Name of Inventor : :NA (86) International Application No **1)TIAN Yang** :PCT/CN2011/000408 Filing Date 2)WANG Dian :15/03/2011 (87) International Publication No :WO 2012/122673 **3)ZHU Huaisong** (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A radio base station and a method therein are provided for allocating measurement gaps within a MGRP to UEs currently being served by the base station wherein consideration is taken to the impact a measurement gap has on the HARQ processes. A plurality of possible measurement gaps are identified within the MGRP with regards to their starting point and duration in time within the MGRP. A number of HARQ processes that would be affected due to the identified measurement gaps with regards to a starting point in time of the identified measurement gaps during the MGRP are determined for the identified measurement gaps. The identified measurement gaps are ranked depending on the number of HARQ processes which would be affected during the MGRP and the identified measurement gaps are allocated to the UEs based on the ranking.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : COFFEE PRODUCT

 (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 	:A23L1/035,A23F5/36,A23F5/40 :11155809.4 :24/02/2011 :EPO :PCT/EP2012/053043 :23/02/2012 :WO 2012/113849 :NA :NA :NA	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)ROSSE Marcel 2)JOANNET Eric 3)CELIK Nihan 4)BAHTIYAR Ozlem
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(57) Abstract :

The present invention relates to a method for producing a coffee product useful for preparing a coffee beverage especially a Turkish coffee beverage comprising steam treatment of a mixture of roast and ground coffee and emulsifier.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLOATING GAME DEVICE

 (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	PCT/FR2012/050374 :22/02/2012 :WO 2012/114043 :NA :NA	 (71)Name of Applicant : 1)DECATHLON Address of Applicant :4 Boulevard de Mons F 59650 Villeneuve Dascq France (72)Name of Inventor : 1)BOYER Cline 2)HARPAGES Antoine 3)ROLLAND Yannick 4)SAUMUREAU Damien
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a floating game device (1) including a submerged portion (3) an above water portion (2) and a floating element (4). The above water portion comprises a first structure (5) and a first flexible surface (6) supported by the first structure the floating element constitutes a waterline separating the submerged portion from the above water portion and the submerged portion includes a second structure (7) and a second flexible surface (8) supported by the second structure. An assembly means is configured to keep the first structure and the second structure assembled to the floating element in a plane forming an angle with the floating element said floating element comprising a portion that is offset relative to the plane formed by the first and second structures. The second flexible surface is configured on the submerged portion so as to constitute a means for providing resistance in the water the first and/or second flexible surfaces being attached to the portion of the floating element that is offset relative to the plane formed by the first and second structures.

No. of Pages : 26 No. of Claims : 28

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS AND PLANT FOR PRODUCING CEMENT CLINKER

 (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 	 PCT/EP2012/051968 :06/02/2012 :WO 2012/107404 :NA :NA 	 (71)Name of Applicant : 1)ELEX CEMCAT AG Address of Applicant :Eschenstrasse 6 CH 8603 Schwerzenbach Switzerland (72)Name of Inventor : 1)ZURHOVE Franz Josef
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(57) Abstract :

The invention relates to a process and a plant for producing cement clinker, which has a furnace system and has essentially the following process steps: - raw material is preheated in a preheater by means of hot offgases from the furnace system, - dust is removed from the hot offgas downstream of the preheater in a preliminary dust removal apparatus to a residual dust concentration of max. 20 g/standard m3, - the offgas which has been subjected to preliminary dust removal is purified in a selective catalytic flue gas purification plant (selective catalytic reduction, SCR), - at least part of the offgas purified in the flue gas purification plant is conveyed in a bypass around a raw material milling plant to a cooling device and cooled there to temperatures of max. 140°C, - before the residual dust in the offgas is precipitated in a process filter and - at least part of the residual dust precipitated in the process filter is discharged for removal of mercury.

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

(21) Application No.7416/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:F02F1/40,F01P3/02	(71)Name of Applicant :
(31) Priority Document No	:A 108/2011	1)AVL LIST GMBH
(32) Priority Date	:27/01/2011	Address of Applicant : Hans List Platz 1 A 8020 Graz Austria
(33) Name of priority country	:Austria	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/050678	1)P–SCHL Robert
Filing Date	:18/01/2012	2)BREITENBERGER Manfred
(87) International Publication No	:WO 2012/101014	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		l

(54) Title of the invention : LIQUID COOLED INTERNAL COMBUSTION ENGINE

(57) Abstract :

The invention relates to a liquid-cooled internal combustion engine (1) having at least one cylinder (10) and a cylinder head (3) in which are disposed a lower part cooling Chamber (7) adjoining a fire deck (18) and an upper part cooling Chamber (6) which is connected for fluid flow to the lower part cooling Chamber by way of at least one main overflow aperture (8). According to the invention, in order to improve the dissipation of heat from thermally critical regions of the fire deck and increase the strength of the cylinder head (3), at least one inflow duct (11), preferably at least one inflow duct (11) per cylinder (10), is arranged between the upper part cooling Chamber (6) and the lower part cooling Chamber (7), which inflow duct (11) is connected for fluid flow to the lower part cooling Chamber (7), preferably in a central region (13) of the cylinder (10).

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : MULTIFUNCTION PRINTING DEVICE (51) International classification :B41J3/54,B41J11/00,B41J15/04 (71)Name of Applicant : (31) Priority Document No :2011-056661 1)SEIKO EPSON CORPORATION (32) Priority Date :15/03/2011 Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku (33) Name of priority country Tokyo 1630811 Japan :Japan (86) International Application No:PCT/JP2012/056049 (72)Name of Inventor : Filing Date 1)SASAKI Toshivuki :02/03/2012 (87) International Publication No :WO 2012/124613 2)KINOSHITA Yoshiki (61) Patent of Addition to 3)MIZUYAMA Shogo ·NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A small, compact multifunction printing device provides excellent ease of use with little possibility of slips and continuous paper jamming inside. The multifunction printer has a check processing unit and a continuous paper processing unit. The check processing unit has a U-shaped check conveyance path PI that opens to the front of the printer and enables handling slips to be processed and the processed slips from the front of the printer. A continuous paper conveyance path P2 that conveys continuous paper fed from a paper roll in the roll paper compartment from the back to the front of the printer is formed on the inside of the check conveyance path PI, enabling replacing roll paper and removing processed continuous paper from the front. The conveyance paths PI and P2 are independent of each other, the printing positions thereof are separated, and conveyed slips and continuous paper will not interfere with each other.

No. of Pages : 40 No. of Claims : 10

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : THIOL CONTAINING COMPOUNDS FOR THE REMOVAL OF ELEMENTS FROM TISSUES AND FORMULATIONS THEREFOR

 (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 	:A61K31/16,A61K31/095,A61K9/20 :13/041798 :07/03/2011 :U.S.A. :PCT/US2012/020418 :06/01/2012 :WO 2012/121798 :NA :NA :NA	 (71)Name of Applicant : UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION Address of Applicant :A144 ASTeCC Building University of Kentucky Lexington KY 40506 0286 U.S.A. (72)Name of Inventor : HALEY Boyd E. ATWOOD David A. GUPTA Niladri N.
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(57) Abstract :

Methods and pharmaceutical formulations for ameliorating heavy metal toxicity and/or oxidative stress are disclosed comprising administering pharmaceutically effective amounts of ligands according to the present disclosure. The ligands are of the general structure: (I) or (II) where R comprises benzene pyridine pyridin 4 one naphthalene anthracene phenanthrene or alkyl groups R comprises hydrogen alkyls. aryls a carboxyl group carboxylate esters organic groups or biological groups R comprises alkyls aryls a carboxyl group carboxylate esters organic groups X comprises

hydrogen lithium sodium potassium rubidium cesium francium alkyls aryls a carboxyl group carboxylate esters thiophosphate N acetyl cysteine mercaptoacetic acid mercaptopropionic acid thiolsalicylate organic groups or biological groups n independently equals 1 10 m = 1 6 Y comprises hydrogen polymers silicas or silica supported substrates and Z comprises hydrogen alkyls aryls a carboxyl group carboxylate esters a hydroxyl group NH HSO halogens a carbonyl group organic groups biological groups polymers silicas or silica supported substrates.

No. of Pages : 94 No. of Claims : 19

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD FOR CONTROLLING RETROREFLECTIVITY BY APPLICATION OF A PRINTED PATTERN TO A RETROREFLECTIVE FILM AND SHEETING PRODUCED THEREBY

(51) Internationalclassification(31) Priority Document No	:61/435,860	 (71)Name of Applicant : 1)AVERY DENNISON CORPORATION Address of Applicant :150 N. Orange Grove Blvd. Pasadena
(32) Priority Date(33) Name of prioritycountry	:25/01/2011 :U.S.A.	CA 91103 U.S.A. (72)Name of Inventor : 1)AGASHE Nikhil
(86) International Application No Filing Date	:PCT/US2012/021480 :17/01/2012	
(87) International Publication	ⁿ :WO 2012/102895	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Alastra et a		

(57) Abstract :

A retroreflective sheet which may be a beaded retroreflective sheet or a prismatic retroreflective sheet is comprised of a substrate having a first and second surfaces with a plurality of retroreflective elements disposed on the second surface of the substrate to form the retroreflective sheet having an initial performance standard and a printed pattern disposed on the second surface the pattern provided in an amount ranging from 30 % to about 100 % of an area of the second surface to change a performance level of the retroreflective sheet from the initial performance standard to a selected performance standard. A method for producing the retroreflective sheeting and a system for controlling the retroreflectivity of the retroreflective sheeting by altering a surface of the retroreflective sheeting is provided.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ARTICULABLE ELECTROSURGICAL INSTRUMENT WITH A STABILIZABLE ARTICULATION ACTUATOR

 (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 	:A61B18/14 :13/070,391 :23/03/2011 :U.S.A. :PCT/EP2012/054459 :14/03/2012 :WO 2012/126783 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AESCULAP AG Address of Applicant : Am Aesculap Platz 78532 Tuttlingen Germany (72)Name of Inventor : 1)KERVER Lawrence 2)WALBERG Erik 3)TANG Brian 4)LOUDERMILK Brandon
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(57) Abstract :

Embodiments of the technology provide an articulable electrosurgical instrument and methods of performing electrosurgery with an articulating capability. The electrosurgical instrument includes an elongated shaft having an end effector associated with a distal end thereof that is able to deliver energy to a target tissue site. An articulable joint is positioned between that shaft and the end effector. Articulation of the articulable joint is controlled by a stabilizable articulation actuator, which may include a rotatably stabilizable disk residing within a well. The end effector may take the form of forceps including an upper and a lower jaw; the jaws are configured to grasp target tissue and to deliver energy, such as radio frequency energy. In some of these instruments, the end effector is adapted to seal tissue by the application of radio frequency energy, and then to cut through the sealed tissue portion.

No. of Pages : 60 No. of Claims : 36

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : AUTHENTICATING LABEL		
 (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 	:G09F3/02,G09F3/10 :61/467540 :25/03/2011 :U.S.A.	 (71)Name of Applicant : 1)AVERY DENNISON CORPORATION Address of Applicant :150 N. Orange Grove Blvd. Pasadena CA 91103 U.S.A. (72)Name of Inventor : 1)HUYNH Dieu Dai

(57) Abstract :

A label (10) having a region or layer of luminescent ink (30) is described. The label includes a generally transparent facestock layer (20) and a layer of an adhesive (40). The luminescent ink (30) is disposed between the facestock layer (20) and the adhesive layer (40). Upon exposure to ultraviolet light the luminescent ink (30) emits visible light. The label (10) can be used to provide an indication as to the authenticity or genuineness of a product to which the label (10) is attached. Also described are various methods of using the label (10).

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

(19) INDIA

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

(54) Title of the invention · EXPANSION JOINT

(43) Publication Date : 02/01/2015

< /		
(51) International classification	:E01D19/06	(71)Name of Applicant :
(31) Priority Document No	:2011103384	1)KOZLACHKOV Sergey Waleriewich
(32) Priority Date	:31/01/2011	Address of Applicant :ul. Mazestinskaya 15 7 Sochi 354024
(33) Name of priority country	:Russia	Russia
(86) International Application No	:PCT/RU2011/000269	(72)Name of Inventor :
Filing Date	:26/04/2011	1)KOZLACHKOV Sergey Waleriewich
(87) International Publication No	:WO 2011/126413	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Invention pertains to designs expansion joints of bridges. The expansion joint, which is closed off one-sided directed comb fingers (1), which are sealing rigidly with outwards the lamellae (2), which are sealing flexible modular strips (3), with at least one intermediate the lamella (4), which is sealing rigidly with double-sided directed comb fingers (5). Between one-sided directed comb fingers (1) or double-sided directed comb fingers (5) are located springy comb sheets (6), which have terraced form. The Lower parts (7) of springy comb sheets (6) are sealing rigidly between outward the lamella (2) and one-sided directed comb fingers (1), or between intermediate the lamella (4) and double-sided directed comb fingers (5), with the help of installed bolts already (8). Springy comb sheets (6) are united in sections, with the help of flat sheet (9), which includes the lower parts (7) of springy comb sheets (6).

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

(21) Application No.416/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:B05B5/00	(71)Name of Applicant :
(31) Priority Document No	:61/498715	1)NaanDanJain Irrigation Ltd.
(32) Priority Date	:20/06/2011	Address of Applicant : Kibbutz Naan 76829 Israel
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IL2012/000198	1)GANDIN Vitaly
Filing Date	:21/05/2012	
(87) International Publication No	:WO 2012/176185	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastra et :		I

(54) Title of the invention : SPRINKLER WITH REPELLING MAGNETS

(57) Abstract :

A sprinkler including a first portion arranged to lie along a generally vertical axis a second portion arranged to rotate about the generally vertical axis relative to the first portion and to be displaced along the generally vertical axis responsive to impingement of a water stream thereon at least a first magnet associated with the first portion and at least a second magnet associated with the second portion the first and second magnets being magnetized to repel each other at least generally along the generally vertical axis.

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

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:A23L1/00	(71)Name of Applicant :
(31) Priority Document No	:61/503557	1)E. & J. GALLO WINERY
(32) Priority Date	:30/06/2011	Address of Applicant :600 Yosemite Boulevard Modesto CA
(33) Name of priority country	:U.S.A.	95354 U.S.A.
(86) International Application No	:PCT/US2012/044687	(72)Name of Inventor :
Filing Date	:28/06/2012	1)ROSSI Joseph
(87) International Publication No	:WO 2013/003616	2)KATTAMURI Sundeep
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : NATURAL CRYSTALLINE COLORANT AND PROCESS FOR PRODUCTION

(57) Abstract :

A crystalline pigment or colorant composition having high color intensity and/or low sugar content and methods and processes of preparation. The composition may comprise purified fruit and/or vegetable color juices. The unique dried colorants obtained from natural sources including plants such as fruits and vegetables and algae. The colorants may be obtained from red grape juice and/or purple carrot juice. The process of producing the dried colorant includes purifying the color pigments using various purification technologies and subsequently removing water using low temperature drying methods. This combination of purification technologies and low temperature drying1 produces a unique natural colorant that is high in color and/or low in sugar. The colorants exhibit superior storage stability and/or handling characteristics including but not limited to density flowability water dispersion and/or hygroscopicity.

No. of Pages : 39 No. of Claims : 21

(21) Application No.7420/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENDOSCOPE OPTICAL SYSTEM AND ENDOSCOPE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G02B13/04,A61B1/00,G02B23/26 :2011-027091 :10/02/2011 :Japan :PCT/JP2012/000795 :07/02/2012	 (71)Name of Applicant : 1)HOYA CORPORATION Address of Applicant :2 7 5 Naka Ochiai Shinjuku ku Tokyo 1618525 Japan (72)Name of Inventor : 1)FUJII Hiroaki
(87) International Publication No	:WO 2012/108177	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An endoscope optical system, including a front group and a rear group arranged in this order from an object side such that an aperture stop is arranged between the front rear groups, wherein the front group includes a negative lens and a positive lens arranged in this order from the object side, the rear group includes a positive lens and a cemented lens arranged in this order from the object side, and when f (unit: mm) denotes a focal length of an entire endoscope optical system, EX (unit: mm) denotes a distance (which takes a minus sign on the object side with respect to an image plane) from the image plane to an exit pupil, and f2 (unit: mm) denotes a focal length of the rear group, the endoscope optical system satisfies conditions: -10 < EX/f < -6 (1), and 1. 15 < f2/f < 1.35 (2).

No. of Pages : 38 No. of Claims : 7

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS FOR FORECASTING ELECTRIC POWER LOAD OF INDUSTRIAL PARK SYSTEM AND METHOD

 (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 	:H02J3/00 :2011036768 :23/02/2011 :Japan :PCT/JP2012/053670 :16/02/2012 :WO 2012/114974 :NA :NA :NA	 (71)Name of Applicant : HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : SUZUKI Katsuyuki KAMINAGA Masanori TANAKA Ayano
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(57) Abstract :

In the present invention a scheme is constructed for forecasting an electric power load taking into consideration the operation patterns of each factory and a means is provided in which it is possible to make forecasting calculations even if there are operation patterns for which there are no past operation records. An apparatus for forecasting the electric power load of an industrial park is designed to forecast the amount of electric power required on a specific day in the future by an industrial park composed of one or a plurality of plants. In plants there is production equipment contributing to production and non production equipment not contributing to production. Regarding the production equipment a high quality electric power forecasting unit is provided for forecasting the progress of the amount of electric power at each time of a specific day using a production equipment a low quality electric power forecasting unit is provided for accumulating the progress of the amount of electric power at each time of electric power at each time of a specific day using a production equipment a low quality electric power forecasting unit is provided for accumulating the progress of the amount of electric power of the non production equipment in the past and forecasting the progress of the amount of electric power at each time of a specific day calculated by each unit calculating the sum of each unit for the same time of day gives the amount of electric power required by the industrial park on the specific day in the future.

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

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

 (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 	:10 2011 005 479.0 :14/03/2011	 (71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)REHBEIN Peter 2)SCHMATZ Ulrich
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(54) Title of the invention : DIRECT PLUG ELEMENT WITH TWO SPRING REGIONS

(57) Abstract :

The present invention relates to a direct plug element for making contact with an electrical contact, comprising a spring-loaded direct contact (2), wherein the spring-loaded direct contact (2) has a first spring region (4) and a second spring region (5), wherein the direct contact (2) has a substantially U-shaped design with a first limb (21) and a second limb (22). wherein the first spring region (4) is arranged on the first limb (21) and the second spring region (5) is arranged on the second limb (22). and wherein at least one of the spring regions (4, 5) is designed as a contact region in order to make electrical contact with the electrical contact.

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

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR COMPENSATING FOR AN INSUFFICIENT PRESSURE BUILD UP IN THE BRAKE SYSTEM OF A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :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)GONZALEZ ROMERO Rafael 2)BRUEX Thomas 3)DITTRICH Sabrina 4)BUSSMANN Otmar
· · · · · · · · · · · · · · · · · · ·	:NA :NA	

(57) Abstract :

The invention relates to a method for compensating for an insufficient pressure build-up in the brake system (12) of a vehicle in the event of a failure or a malfunction of a brake booster (18) for boosting the braking force when an actuating element (16) of the brake system (12) is actuated. The compensation is carried out by means of an assembly (28) for an additional pressure build-up in the brake system (12), and said compensation is activated dependent on a position of the actuating element (16) on the displacement path thereof. A current position of the actuating element (16) on the displacement path is ascertained continuously or periodically, and the activation and the additional pressure build-up are carried out dependent on said ascertained current position. The invention further relates to a corresponding compensating system (10).

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

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SYNGAS FERMENTATION WITH HIGH CO MASS TRANSFER COEFFICIENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C12M1/02,C12M1/04,C12M1/06 :61/571564 :30/06/2011 :U.S.A.	 (71)Name of Applicant : 1)INEOS BIO SA Address of Applicant : Avenue des Uttins 3 CH 1180 Rolle Switzerland
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2012/040319 :31/05/2012 :WO 2013/002947	(72)Name of Inventor :1)BELL Peter Simpson2)KO Ching Whan
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A PROCESS AND APPARATUS IS PROVIDED WHICH ARE EFFECTIVE FOR IMPROVING CO MASS TRANSFER. THE PROCESS INCLUDES INTRODUCING SYNGAS INTO A REACTOR VESSEL THROUGH A GAS SPARGER LOCATED BELOW A LIQUID LEVEL IN THE REACTOR VESSEL. THE SYNGAS BEING INTRODUCED AT A FLOW RATE EFFECTIVE FOR MAINTAINING A PRESSURE INSIDE OF THE REACTOR VESSEL OF AT LEAST ABOUT 1 PSIG. AN AGITATION ENERGY OF ABOUT 0.01 TO ABOUT 12 KWATTS/M MEDIUM IS PROVIDED. THE PROCESS IS EFFECTIVE FOR PROVIDING A VOLUMETRIC CO MASS TRANSFER COEFFICIENT OF ABOUT 100 TO ABOUT 1500 PER HOUR.

No. of Pages : 32 No. of Claims : 59

(19) INDIA

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

(43) Publication Date : 02/01/2015

 (71)Name of Applicant : 1)COLGATE PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor : 1)PATEL Madhusudan 2)BOYD Thomas J. 3)JIMENEZ Eduardo J. 4)KENNEDY Sharon

(57) Abstract :

An interdental cleaning device that delivers an oral care fluid to a cleaning element via capillary action. The invention can be an interdental cleaning device comprising: a housing forming an internal reservoir containing an oral care fluid; an applicator extending from the housing, the applicator comprising a stem and at least one cleaning element extending from the stem; and wherein the stem comprises a capillary material that extends into the reservoir to be in fluid communication with the oral care fluid so that the capillary material of the stem delivers the oral care fluid from the reservoir to the at least one cleaning element via capillary action.

No. of Pages : 30 No. of Claims : 24

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ARTICLE WITH NONWOVEN WEB COMPONENT FORMED WITH LOFT ENHANCING CALENDER BOND SHAPES AND PATTERNS

(51) International classification	:A61F13/15,D04H1/485	(71)Name of Applicant :
(31) Priority Document No	:61/467513	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:25/03/2011	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:U.S.A.	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2012/030266	(72)Name of Inventor :
Filing Date	:23/03/2012	1)XU Han
(87) International Publication No	:WO 2012/134988	2)DE BEER Antonius Lambertus
(61) Patent of Addition to Application	:NA	3)ISELE Olaf Erik Alexander
Number		4)KLAÅ KA FrantiÅ;ek
Filing Date	:NA	5)KUMMER Jir
(62) Divisional to Application Number	:NA	6)MECL Zdenek
Filing Date	:NA	7)KAÅ PRKOV Pavlna

(57) Abstract :

An article having as a component a section of nonwoven web formed predominately of polymeric fibers is disclosed. The section of nonwoven web may have a pattern of consolidating bonds impressed on the surface. The bonds may have at least one bond shape; and the bond shape may have a perimeter with a greatest measurable length and greatest measurable width. The perimeter may have a convex portion and an aspect ratio of length/width of at least 2.5. Other features may be imparted relating to the density and orientations of the bonds relative machine and cross directions of the web. The bond shape reflects the shape of a corresponding bonding protrusion on a bonding roller. It is believed that the shape density and/or orientation of the bonding protrusions affect air flow through the bonding nip in a way that may be utilized to enhance loft of the resulting bonded nonwoven web.

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

(21) Application No.7422/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SUBSTITUTE CALCULATION SYSTEM AND METHOD REQUEST DEVICE AND PROGRAM

 (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 	:02/03/2012	 (71)Name of Applicant : 1)NIPPON TELEGRAPH AND TELEPHONE CORPORATION Address of Applicant :3 1 Otemachi 2 chome Chiyoda ku Tokyo 1008116 Japan (72)Name of Inventor : 1)YAMAMOTO Go 2)KOBAYASHI Tetsutaro
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(57) Abstract :

Where G and H are cyclic groups, M is an integer of two or more, i = 1, ..., M, f is a homomorphic function of mapping a member xi of group H to group G, Ri and R0 are random variables with a value in group G, ri is a realized value of the random variable Ri,, ro is a realized value of the random variable R0, and ai is a random number of an integer of 0 or more, a random number generation unit 11 generates random numbers al, a2, ..., aM. A sampler 21 is capable of calculating f(xl)rl, f (x2)r2, ..., f(xM)rM to obtain a calculation result thereof as zl, z2, ..., ZM, respectively. A power calculation unit 12 calculates (z)al, (z2)a2, ...,(zM)aM. An extended randomizable sampler 22 is capable of calculating f(xlal xx2 a2 x ... x xM aM)r0 to obtain a calculation result Z0 thereof. A determination unit 16 determines whether or not (z1)al x(Z2)a2 x ... x (zM)aM =Z0.

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

(21) Application No.7423/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR A REDUNDANT AND KEYED POWER SOLUTION

 (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 	:PCT/US2012/022927 :27/01/2012	 (71)Name of Applicant : 1)DELL PRODUCTS L.P. Address of Applicant :One Dell Way Round Rock TX 78682 2244 U.S.A. (72)Name of Inventor : 1)CRAVENS Zachary A. 2)LAU Jason M.
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(57) Abstract :

In accordance with the present disclosure a system and method a power deliver system is presented. The power delivery system includes at least two power supplies with a bridge connecting an output of each of the at least two power supplies. The bridge may be made of busbars, each of which including an integral attachment point. Each of the attachment points may correspond to a lug which has been specifically keyed to the shape of the attachment point. The lugs may be attached to conductor cables that provide power from the power supplies to components in an information handling system. In some embodiments each end of a conductor cable may include lugs of the same shape, to ensure that the correct voltage is supplied to the components of the information handling system.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR A MODULAR FLUID HANDLING SYSTEM WITH MODES IN A MODULAR DATA CENTER

 (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 	:13/022018 :07/02/2011 :U.S.A.	 (71)Name of Applicant : 1)DELL PRODUCTS L.P. Address of Applicant :One Dell Way Round Rock Texas 78682 2244 U.S.A. (72)Name of Inventor : 1)SCHMITT Ty 2)BAILEY Mark M. 3)DUNCAN Taylor
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(57) Abstract :

In accordance with the present disclosure, a system and method for a modular fluid handling system with modes in a modular data center is presented. According to the present application, a modular data center may include a modular primary struchire. The modular primary structure may include a plurality of information handling systems arranged in racks within it. The modular data center may also include a modular fluid handling system that circulates fluid through the modular primary structure according, at least in part, to a plurality of modes. The modular fluid handling system may be designed to accommodate environmental conditions in which the modular data center will operate as well as the usage requirements of the modular primary structure.

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

(21) Application No.7425/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DESIGNING A CONFIGURABLE MODULAR DATA CENTER

(51) International classification	:G06F1/18,H05K7/14	(71)Name of Applicant :
(31) Priority Document No	:13/022,018	1)DELL PRODUCTS L.P.
(32) Priority Date	:07/02/2011	Address of Applicant : One Dell Way Round Rock Texas
(33) Name of priority country	:U.S.A.	78682 2244 U.S.A.
(86) International Application No	:PCT/US2012/024089	(72)Name of Inventor :
Filing Date	:07/02/2012	1)SCHMITT Ty
(87) International Publication No	:WO 2012/109201	2)BAILEY Mark M.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with the present disclosure, a system and method for designing a configurable modular data center is presented. A configurable modular data center designed according to this invention may include a plurality of modules. Each of the modules may be dedicated to one of the primary elements of a data center, such as fluid handling, computing and power. Each of the plurality of modules may be separately configurable, according, at least in part, to operational and environmental requirements for the modular data center. The plurality of modules may then be incorporated into at least one modular data center structure, whose size and shape will depend, at least in part, on the configuration of each of the plurality of modules.

No. of Pages : 27 No. of Claims : 20

(21) Application No.405/DELNP/2014 A

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : CURABLE COMPOSITIONS AND MEMBRANES

classification:B01D/1/40,B01D/1/56,C08F220/34(31) Priority Document No:1112389.0(32) Priority Date:19/07/2011	 (71)Name of Applicant : 1)FUJIFILM MANUFACTURING EUROPE BV Address of Applicant :Oudenstaart 1 NL 5047 TK Tilburg Netherlands (72)Name of Inventor : 1)VAN BERCHUM Bastiaan 2)VAN BAAK Willem 3)HESSING Jacko
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(57) Abstract :

A membrane obtainable from curing a composition comprising (i) a curable compound comprising at least two acrylic groups and a quaternary ammonium group; (ii) solvent; and optionally (iii) a curable compound having one ethylenically unsaturated group.

No. of Pages : 32 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:B05B5/00	(71)Name of Applicant :
(31) Priority Document No	:61/498715	1)NAANDANJAIN IRRIGATION LTD.
(32) Priority Date	:20/06/2011	Address of Applicant :Kibbutz Naan 76829 Israel
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IL2012/000199	1)GORNY Moshe
Filing Date	:21/05/2012	
(87) International Publication No	:WO 2012/176186	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		

(54) Title of the invention : SPRINKLER WITH REPELLING MAGNETS

(57) Abstract :

A sprinkler including a first portion a second portion arranged to rotate in reciprocating motion in a plane about a generally vertical axis relative to the first portion responsive to impingement of a water stream on the second portion at least a first magnet associated with the first portion and at least a second magnet associated with the second portion the first and second magnets being magnetized to repel each other when in at least predetermined propinquity during relative rotation thereof in the plane.

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

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : EPITOPE AND ITS USE OF HEPATITIS B VIRUS SURFACE ANTIGEN

 (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 	:PCT/KR2011/005477 :25/07/2011	 (71)Name of Applicant : 1)GREEN CROSS CORPORATION. Address of Applicant :#303 Bojeong dong Giheung gu Yongin si Gyeonggi do 446 770 Republic of Korea (72)Name of Inventor : 1)KIM Se Ho 2)HONG Kwang Won 3)SHIN Yong Won 4)CHANG Ki Hwan 5)KIM Min Soo
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	5)KIM Min Soo 6)IM Jung Ae

(57) Abstract :

Disclosed are an epitope specific to hepatitis B virus (HBV) and use thereof. The disclosed epitope is a conservative position on which mutagenesis does not occur and therefore a composition including an antibody to the foregoing epitope or a vaccine composition including the epitope has very low possibility of causing degradation of curing efficacy due to HBV mutation thus being very useful for HBV treatment.

No. of Pages : 34 No. of Claims : 29

(22) Date of filing of Application :21/01/2014

(54) Title of the invention : NOVEL PIPERIDINO DIHYDROTHIENOPYRIMIDINE SULFOXIDES AND THEIR USE FOR TREATING COPD AND ASTHMA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07D401/04,C07D495/04,C07C211/35 :61/526861 :24/08/2011 :U.S.A. :PCT/EP2012/066104 :17/08/2012	 (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH Address of Applicant :Binger Str. 173 55216 Ingelheim Am Rhein Germany (72)Name of Inventor : 1)POUZET Pascale A. J. 2)NICKOLAUS Peter 3)WERTHMANN Ulrike 4)FRUTOS Rogelio P.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/026797 :NA :NA :NA :NA	5)YANG Bing Shiou 6)KIM Soojin 7)MULDER Jason Alan 8)PATEL Nitinchandra 9)SENANAYAKE Chris H. 10)TAMPONE Thomas G. 11)WEI Xudong

(57) Abstract :

The invention relates to novel piperidino dihydrothienopyrimidine sulfoxides of formula I wherein Ring A is a 6 membered aromatic ring which may optionally comprise one or two nitrogen atoms and wherein R is CI and wherein R may be located either in the para meta or ortho position of Ring A wherein S is a sulphur atom that represents a chiral center and all pharmaceutically acceptable salts enantiomers and racemates hydrates and solvates thereof and the use of these compounds for the treatment of inflammatory or allergic diseases of the respiratory tract such as COPD or asthma.

No. of Pages : 99 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

 (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 	:11173521.3 :12/07/2011 :EPO :PCT/EP2012/063654 :12/07/2012 :WO 2013/007776 :NA :NA :NA	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)PERENTES Alexandre 2)BONACCI Enzo 3)RYSER Antoine 4)COLANTONIO Jean Luc
(62) Divisional to Application Number Filing Date	:NA :NA	
<u> </u>		

(54) Title of the invention : PIVOTALLY CLOSING BEVERAGE INGREDIENT HOLDER WITH A LOCK

(57) Abstract :

A receptacle holding unit (1) for a device for preparing a beverage from an ingredient contained in a receptacle (2). A first part (10) and a second part (20) are movable between a closed position for holding said receptacle and an open position for inserting said receptacle and/or for removal therefrom. A fastening arrangement comprises a locking member (30) movable between: a locking position for preventing relative rotational movement of the first and second engagement surfaces (11 21) when the parts (10 20) are in the closed position; and an unlocking position for allowing relative rotational movement of the of the first and second engagements surfaces (11 21) and engagement and disengagement thereof.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : INFORMATION PROCESSING DEVICE POWER SOURCE CONTROL METHOD AND PROGRAM FOR IMAGE PROCESSING DEVICE

 (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 	:2011-044273 :01/03/2011 :Japan	 (71)Name of Applicant : SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : KANEMOTO Toshinori
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(57) Abstract :

When communication to a reader/writer (50) performe through an IC module (10) is complete (Step S41), a timer is activated (Step S42). Whenever the start of a radio wave transmission is detected (Step S43) in response to the detection of radio waves received from the outside at a predetermined interval, the timer is restarted (Step S42). If the elapse of a first period which is longer than the predetermined interval is confirmed by the timer without detecting the start of the radio wave transmission (Step S44), the power supply to the IC module is reset in order to transition to the communication stand-by state proir to the start of communication (Step S45).

No. of Pages : 42 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : PIPELINE PO	OWER GATING	
 (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 	:H03K19/00 :13/176842 :06/07/2011 :U.S.A.	 (71)Name of Applicant : 1)ADVANCED MICRO DEVICES INC. Address of Applicant :P.O. Box 3453 One AMD Place Sunnyvale California 94088 U.S.A. (72)Name of Inventor : 1)BAILEY Daniel W. 2)ROGERS Aaron S. 3)MONTANARO James J. 4)BURGESS Bradley G. 5)HANNAN Peter J.

(57) Abstract :

Leakage current is reduced in a plurality of gates coupled between source storage elements and destination storage elements by waking the plurality of gates to allow current flow in response to assertion of any source clock enable signals that enable clocking of the source storage elements. The gates are slept to reduce leakage current in the plurality of gates in response to assertion of a destination clock enable signal and all of the one or more source clock enable signals being deasserted the destination clock enable signal enabling clocking of the destination storage elements.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : HEMATOLOGY CONTROL COMPOSITIONS WITH EXTENDED STABILITY

(51) International classification	:G01N33/96	(71)Name of Applicant :
(31) Priority Document No	:61/480250	1)BECKMAN COULTER INC.
(32) Priority Date	:28/04/2011	Address of Applicant :250 S. Kraemer Blvd. Brea CA 92821
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/035287	(72)Name of Inventor :
Filing Date	:26/04/2012	1)DE Dibyendu
(87) International Publication No	:WO 2012/149211	2)PARRA DIAZ Dennisse
(61) Patent of Addition to Application	:NA	3)CHIN Bruce
Number	:NA :NA	4)BAGIOTTI SHELDON Cristina
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present specification provides hematology control compositions having particular utility with a red blood cell component for devices using electronic and optical means for blood determinations, and methods for using the compositions.

No. of Pages : 41 No. of Claims : 30

(19) INDIA(22) Date of filing of Application :22/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF NICOTINIC ACETYLCHOLINE RECEPTOR ALPHA 7 ACTIVATORS

 (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 	:A61K31/00,A61P25/16 :61/436871 :27/01/2011 :U.S.A. :PCT/EP2012/050893 :20/01/2012 :WO 2012/101060 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)FEUERBACH Dominik 2)GOMEZ MANCILLA Baltazar 3)LOPEZ LOPEZ Cristina 4)JOHNS Donald 5)DI PAOLO Thrse
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(57) Abstract :

The invention concerns the use of a nicotinic acetylcholine receptor alpha 7 activators for the treatment prevention or delay of progression of a Movement Disorder selected from Dystonia, Dyskinesia, Chorea, Restless Legs

Syndrome Tics, Tremor Myoclonus, Startle, Stiff Person Syndrome, Gait Disorder, Parkinsons Disease and Symptomatic Parkinsonism.

No. of Pages : 56 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:F02P15/00,H01F38/12	(71)Name of Applicant :
(31) Priority Document No	:2011-048043	1)HITACHI AUTOMOTIVE SYSTEMS LTD.
(32) Priority Date	:04/03/2011	Address of Applicant :2520 Takaba Hitachinaka shi Ibaraki
(33) Name of priority country	:Japan	3128503 Japan
(86) International Application No	:PCT/JP2012/055474	2)HONDA MOTOR CO. LTD.
Filing Date	:02/03/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/121177	1)TAKAHASHI Makio
(61) Patent of Addition to Application	:NA	2)KOBAYASHI Takanobu
Number	:NA :NA	3)ANZO Yoichi
Filing Date	.INA	4)MORIYA Gakuji
(62) Divisional to Application Number	:NA	5)KURAHASHI Makoto
Filing Date	:NA	

(54) Title of the invention : IGNITION COIL FOR INTERNAL COMBUSTION ENGINE

(57) Abstract :

Provided is an ignition coil for an internal combustion engine the ignition coil having high waterproof performance which prevents water from entering a plug hole and also having high water discharge performance. A high voltage generation section (3) for generating a high voltage is housed within a coil case (4). A plug hole seal (5) is provided in order to close the opening of a plug hole (2) in which an ignition plug (21) is mounted. The ignition coil is also provided with a space section (6) which is provided on the outer side of the high voltage generation section (3) and an air passage (9) through which air flows between the space section (6) and the plug hole (2). The lower surface of the space section (9) is open (the entire lower surface is open to facilitate die removal).

No. of Pages : 32 No. of Claims : 9

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:H01T13/32	(71)Name of Applicant :
(31) Priority Document No	:2011-039125	1)NGK SPARK PLUG CO. LTD.
(32) Priority Date	:25/02/2011	Address of Applicant :14 18 Takatsuji cho Mizuho ku Nagoya
(33) Name of priority country	:Japan	shi Aichi 4678525 Japan
(86) International Application No	:PCT/JP2012/000703	(72)Name of Inventor :
Filing Date	:02/02/2012	1)BAN Kenji
(87) International Publication No	:WO 2012/114661	2)SUZUKI Akira
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SPARK PLUG

(57) Abstract :

A spark plug comprises: a center electrode extending in an axial direction thereof; a cylindrical insulator disposed around the center electrode; a cylindrical main metal fitting disposed around the insulator; and a ground electrode having an end connected to the main metal fitting wherein the ground electrode is curved from the end to the other end thereof. When the spark plug is viewed in the axial direction of the center electrode an end surface of the other end is located between the end and the center electrode or on the center electrode. In a direction from an inner side surface to an outer side surface of the ground electrode the width of the end surface measured in a direction perpendicular to the axial direction of the center electrode is maximal at a position located in a 12% to 88% region from the center to the outer side surface. As it goes from the maximum width to the inner side surface and the outer side surface the width of the ground electrode is reduced.

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

(19) INDIA

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : RANDOM SAMPLE ELECTIONS			
 (54) Title of the invention : RANDOM S. (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 	:G07C13/00 :61/498597 :19/06/2011 :U.S.A.	 (71)Name of Applicant : 1)CHAUM David Address of Applicant :14652 Sutton St. Sherman Oak CA 91403 U.S.A. (72)Name of Inventor : 1)CHAUM David 	

(57) Abstract :

A novel method allows a random sample of a large population of voters to cast votes and for both the unpredictability/un

manipulability of the sample selection and the integrity of the tally to be verified by any interested parties using public information. The problem of vote selling is addressed. Also a variant allows voters to remain substantially anonymous.

No. of Pages : 13 No. of Claims : 5

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : INFRARED MODULATING ELECTROACTIVE DEVICES WITH VISIBLE REGION TRANSPARENCY

 (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 	:G02F1/15 :61/502999 :30/06/2011 :U.S.A. :PCT/US2012/044560 :28/06/2012 :WO 2013/003542 :NA :NA :NA :NA	 (71)Name of Applicant : UNIVERSITY OF FLORIDA RESEARCH FOUNDATION INC. Address of Applicant :223 Grinter Hall Gainesville FL 32611 U.S.A. (72)Name of Inventor : 1)REYNOLDS John R. 2)DYER Aubrey Lynn
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(57) Abstract :

An electrochromic cell includes a minimally color changing polymer (MCCP) and a non color changing polymer (NCCP) where the neutral state or the oxidized state is highly transmissive in the NIR and the oxidized state or the neutral state respectively is significantly less transmissive in the NIR. An electrochromic device (ECD) can include the electrochromic cell or a combination of electrochromic cells. The ECD can be part of a window or a laminate for a window to permit the control of IR transmittance through the window.

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

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : SUBSTITUTED N [1 CYANO 2 (PHENYL) ETHYL] 2 AZABICYCLO [2.2.1] HEPTANE 3 CARBOXAMIDE INHIBITORS OF CATHEPSIN C

 (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 Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D471/08,C07D519/00,A61K31/439 :11181805.0 :19/09/2011 :EPO :PCT/EP2012/068284 :18/09/2012 :WO 2013/041497 to :NA :NA :NA :NA	 (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH Address of Applicant :Binger Strasse 173 55216 Ingelheim Am Rhein Germany (72)Name of Inventor : 1)GRUNDL Marc 2)OOST Thorsten 3)PAUTSCH Alexander 4)PETERS Stefan 5)RIETHER Doris 6)WIENEN Wolfgang
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(57) Abstract :

This invention relates to N 1 cyano 2 (phenyl)ethyl) 2 azabicyclo[2.2.1]heptane 3 carboxamides of formula I and their use as inhibitors of Cathepsin C pharmaceutical compositions containing the same and methods of using the same as agents for treatment and/or prevention of respiratory diseases.

No. of Pages : 132 No. of Claims : 11

(19) INDIA

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

(54) Title of the invention : DRIVE HEAD FOR A SYRINGE PUMP

(43) Publication Date : 02/01/2015

 (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 	:A61M5/145,A61M5/168 :11158391.0 :16/03/2011 :EPO :PCT/EP2012/054282 :12/03/2012 :WO 2012/123417	 (71)Name of Applicant : 1)FRESENIUS VIAL SAS Address of Applicant :Le Grand Chemin F 38590 Brezins France (72)Name of Inventor : 1)ROCHETTE Francois
(87) International Publication No(61) Patent of Addition to Application Number		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a drive head for a syringe pump comprising: a contact portion (3) configured to bear against a plunger of a syringe in order to move the plunger relative to a barrel of the syringe; at least one holding element (41 42) for holding a flange of the syringe plunger in order to prevent a siphon movement of the plunger away from the contact portion (3); a pressure sensor (6) for determining an inner pressure in the syringe the pressure sensor being arranged at a pressure sensor support (7) of the drive head (1); and a housing (2) in which the pressure sensor (6) and the pressure sensor support (7) are arranged. According to the invention the holding element (41 42) is mounted via the pressure sensor support (7).

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PREPARATION OF BICYCLIC GUANIDINE SALTS IN AN AQUEOUS MEDIA

 (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 	:C07D487/04 :13/035,048 :25/02/2011 :U.S.A. :PCT/US2012/026144 :22/02/2012 :WO 2012/116080 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PPG INDUSTRIES OHIO INC. Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A. (72)Name of Inventor : 1)HICKENBOTH Charles R. 2)DACKO Christopher A. 3)ZAWACKY Steven R. 4)MORIARITY Thomas C. 5)MCCOLLUM Gregory J.
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(57) Abstract :

Disclosed herein are bicyclic guanidine salts formed as the reaction product of reactants comprising (a) a compound having the general formula CXž, wherein X is N, O, or S and wherein n is 2 to 4; (b) an acid; (c) dipropylene triamine; and (d) water, and an associated method for forming a bicyclic guanidine salt from the same reaction ingredients.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR PROTECTING ELECTRIC EQUIPMENT FROM OVERVOLTAGE AND LIGHTENING

(51) International classification	:H02H9/04	(71)Name of Applicant :
(31) Priority Document No	:MI2011A000266	1)COSTRUZIONI ELETTROMECCANICHE P.
(32) Priority Date	:22/02/2011	TORRESAN S.r.l.
(33) Name of priority country	:Italy	Address of Applicant : Via G. Di Vittorio 307/9 Sesto San
(86) International Application No	:PCT/IB2012/050813	Giovanni Italy
Filing Date	:22/02/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/114289	1)BRASOLA Flavio
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

An electric equipment protection device includes a first conducting line (105) and a second conducting line (106) connectable to a power source (2) to receive a supply voltage (VDC) of a rated value (VNOM); at least one varistor (108) connected between the first conducting line and the second conducting line and having a breakdown voltage; and. a control stage (110 112) cooperating with the varistor. The control stage (110 112) includes at least one gas discharge device (107) an activation network (110) of the gas discharge device (107) and a diagnostic device (112).

No. of Pages : 44 No. of Claims : 22

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : LOCKING DEVICE

 (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 	:B60N2/36,B60N2/015,B60N2/44 :10 2011 101 284.6 :06/05/2011 :Germany :PCT/EP2012/001626 :16/04/2012 :WO 2013/020612 :NA :NA :NA	 (71)Name of Applicant : 1)KEIPER GMBH & CO. KG Address of Applicant :Hertelsbrunnenring 2 67657 Kaiserslautern Germany (72)Name of Inventor : 1)MLLER Peter 2)WINDECKER Volker 3)HABER Stefan 4)YASAROGLU Kadir 5)LABUK Silke
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(57) Abstract :

The invention relates to a locking device for a vehicle seat, especially a motor vehicle seat, comprising a pawl (9) for locking a mating element, which pawl is pivotally supported about a first axis (2), and a tensioning eccentric (6) that is pivotally supported about a second axis (3), which is parallel to the first axis (2), between a locking position and an unlocking position and ensures a locked state of the pawl (9) owing to the interaction with a first finite (27) of the pawl (9), the tensioning eccentric (6) acting upon the first first finite axis (2) by means of a tensioning surface (19) when spring-loaded and locked, an unlocking element (5) being pivotable about the first axis (2) counter to a spring force fi-om a locking position to an unlocking position by means of an actuation device and the tensioning eccentric (6) being pivotally engaged by the unlocking element (5) fi-om its locking position towards its unlocking position.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD SYSTEM AND APPARATUS FOR RFID REMOVAL DETECTION

 (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 	:G08B13/24,E05B73/00,G06K19/073 :13/034,899 :25/02/2011 :U.S.A. :PCT/US2012/026711 :27/02/2012 :WO 2012/138433 :NA :NA :NA	 (71)Name of Applicant : 1)AVERY DENNISON CORPORATION Address of Applicant :150 N. Orange Grove Blvd. Pasadena CA 91103 U.S.A. (72)Name of Inventor : 1)FORSTER Ian J.
Application Number Filing Date	:NA :NA	

(57) Abstract :

According to one exemplary embodiment an apparatus system and method for forming RFID labels is disclosed. The RFID labels can include an RFID chip, at least one antenna element and at least one conductive material. The RFID chip may then transmit desired signals based upon a coupling of the conductive material to the RFID chip.

No. of Pages : 27 No. of Claims : 20

(21) Application No.7444/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:C10G3/00,C10L1/32	(71)Name of Applicant :
(31) Priority Document No	:61/473,388	1)H R D CORPORATION
(32) Priority Date	:08/04/2011	Address of Applicant :14549 Minetta Houston Texas 77035
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/032517	(72)Name of Inventor :
Filing Date	:06/04/2012	1)HASSAN Abbas
(87) International Publication No	:WO 2013/106028	2)HASSAN Aziz
(61) Patent of Addition to Application Number	:NA	3)ANTHONY Rayford G.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : HIGH SHEAR APPLICATION IN PROCESSING OILS

(57) Abstract :

Herein disclosed is a method of processing oil, comprising providing a high shear device comprising at least one rotor and at least one complementarily-shaped stator configured to mix a gas with a liquid; contacting a gas with an oil in the high shear device, wherein the gas is an inert gas or a reactive gas; and forming a product, wherein the product is a solution, a dispersion, or combination thereof. Herein also disclosed is a high shear system for processing oil, comprising; at least one high shear device, having an inlet and at least one rotor and at least one complementarily-shaped stator configured to mix a gas with a liquid; a gas source fluidly connected to the inlet; an oil source fluidly connected to the inlet; and a pump positioned upstream of a high shear device, the pump in fluid connection with the inlet and the oil source.

No. of Pages : 31 No. of Claims : 25

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR MANAGING THE CHARGING OF A RECHARGEABLE BATTERY OF A MOTOR VEHICLE

 (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 	:1150543 :24/01/2011 :France	 (71)Name of Applicant : 1)RENAULT S.A.S. Address of Applicant :13 15 quai Le Gallo F 92100 Boulogne Billancourt France (72)Name of Inventor : 1)SAINT MARCOUX Antoine 2)LE VOURCH Yves 3)DEBERT Maxime
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(57) Abstract :

The invention relates to a method for managing the charging of a rechargeable battery (1) including at least one module (2) that includes at least one electrochemical cell (3), characterized in that it includes a step of estimating a heat flow produced in the at least one module using an observer estimating the overall internal resistance of the cells of the module.

No. of Pages : 18 No. of Claims : 11

(19) INDIA

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

(54) Title of the invention : POSTERIOR VERTEBRAL PLATING SYSTEM

(43) Publication Date : 02/01/2015

(71)Name of Applicant : :A61B17/70,A61B17/80 (51) International classification **1)SYNTHES USA LLC** (31) Priority Document No :61/470821 Address of Applicant :1302 Wrights Lane East West Chester (32) Priority Date :01/04/2011 PA 19380 U.S.A. (33) Name of priority country :U.S.A. **2)SYNTHES GMBH** (86) International Application No :PCT/US2012/031901 (72)Name of Inventor : Filing Date :02/04/2012 1)MONTELLO Albert A. (87) International Publication No :WO 2012/135860 2)BAE Hyun W. (61) Patent of Addition to Application :NA 3)STRAUSBAUGH William L. Number :NA 4)BONNER Christopher M. Filing Date 5)MCDONOUGH William P. (62) Divisional to Application Number :NA 6)KOCH David K. Filing Date :NA 7)MILFORD Jordan N.

(57) Abstract :

A posterior vertebral plating system comprising a plate and a plurality of attachment members. The plate has a plurality of holes extending through the plate from an upper surface to a lower surface and the plate is configured to extend along the posterior side of at least two vertebrae adjacent at least one boney structure of each of the vertebrae. The holes are spaced in such a way that a first plurality of holes is positionable over a boney structure of a first vertebra to define a plurality of fixation points to the first vertebra and a second plurality of holes is positionable over boney structure of a second vertebra to define a plurality of fixation points to the second vertebra. The attachment members are insertable through the holes of the plate and into the boney structure of a corresponding vertebra to fix the plate to the vertebra.

No. of Pages : 66 No. of Claims : 35

(21) Application No.377/DELNP/2014 A

(19) INDIA(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PREPARING SULFURIC ACID BY USING HYDROGEN SULFIDE

(32) Priority Date :01/07/2011 Address o	HAI KEYONTECHS CO. LTD. of Applicant :Room 101 1 Building CaoLi Road No. 5 Town Jinshan District Shanghai 201502 China Inventor : Ren
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(57) Abstract :

PROVIDED IS A METHOD FOR PREPARING SULFURIC ACID BY USING HYDROGEN SULFIDE. THE METHOD COMPRISES THE FOLLOWING STEPS: (1) PERFORMING A REDUCTION-OXIDATION REACTION BETWEEN AN H2S FEED GAS AND OXYGEN IN AN OXYGEN-RICH GAS TO PREPARE SO2, CONTROLLING RESIDUAL OXYGEN AFTER THE REDUCTION-OXIDATION REACTION STEP AT A MOLAR PERCENT OF = 2%; (2) COOLING THE PRODUCT ACQUIRED IN STEP (1) TO A TEMPERATURE BETWEEN 390°C AND 430°C, THEN PERFORMING A CATALYZED OXIDATION REACTION WITH OXYGEN, THE CATALYZED OXIDATION REACTION IS PERFORMED IN STAGES UNTIL THE CONVERSION RATE OF SO2 IS = 98.7% OR THE OUTLET CONCENTRATION OF SO2 IS = 550MG/NM3; AND (3) COOLING THE PRODUCT ACQUIRED IN STEP (2) TO A TEMPERATURE = 10°C ABOVE THE DEW POINT TEMPERATURE OF H2SO4, THEN FURTHER COOLING TO A TEMPERATURE BETWEEN 60°C AND 120°C, COLLECTING H2SO4 PRODUCT, AND SUBJECTING THE GAS ACQUIRED AFTER COOLING TO A COALESCENT SEPARATION BEFORE DISCHARGING DIRECTLY INTO THE ATMOSPHERE. ALSO PROVIDED IS A HEAT EXCHANGER, COMPRISING A HOUSING AND SEVERAL GLASS PIPES ARRANGED WITHIN THE HOUSING ALONG THE DIRECTION OF A LONG AXIS OF THE HOUSING, ARCHING BETWEEN TWO LATERAL WALLS THEREOF, AND USED FOR CIRCULATING A COOLING MEDIUM: THE ADJACENT GLASS PIPES ARE CONNECTED HEAD-TO-TAIL. THEREBY FORMING AT LEAST ONE COOLING MEDIUM FLOW PATH OF UNIDIRECTIONAL FLOW. THE METHOD PROVIDES GREAT HYDROGEN SULFIDE REMOVAL EFFICIENCY, SIMPLE PROCESS FLOW, AND ALLOWS FOR ECONOMIC EFFICIENCY OF APPARATUS AND REASONABLE UTILIZATION OF ENERGY

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

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : REDUCTION OF OXIDES OF NITROGEN IN A GAS STREAM USING MOLECULAR SIEVE SSZ 23

(51) International classification	:B01D53/56,B01D53/94,B01D53/86	(71)Name of Applicant : 1)CHEVRON U.S.A. INC.
(31) Priority Document No	:13/198980	Address of Applicant :6001 Bollinger Canyon Road San
(32) Priority Date	:05/08/2011	Ramon California 94583 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International	:PCT/US2012/039402	1)ZONES Stacey I.
Application No	:24/05/2012	2)SAXTON Robert J.
Filing Date		
(87) International Publication No	¹ :WO 2013/022513	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.1 12 1	
(62) Divisional to	:NA	
Application Number	:NA	
Filing Date		

(57) Abstract :

The invention relates generally to molecular sieve SSZ 23 and its use in the reduction of oxides of nitrogen in a gas stream such as the exhaust from an internal combustion engine.

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

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : BIOCOMPATIBLE BIOMIMETIC AMPHOLYTE MATERIALS

(57) Abstract :

New ampholyte biomaterial compounds containing ampholyte moieties are synthesized and integrated into polymeric assemblies to provide hydrophilic polymers exhibiting improved biocompatibility haemocompatibility hydrophilic polymers and thrombogenicity anti bacterial ability and mechanical strength as well as suitability as a drug delivery platform

No. of Pages : 42 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :03/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR DETECTING OBJECTS SUCH AS MINES

 (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 	:G01V3/17,F41H11/136 :11 56098 :06/07/2011 :France :PCT/FR2012/000268 :05/07/2012 :WO 2013/004924 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMESYS SAS Address of Applicant :1030 Avenue Guillibert de la Lauz"re Les Milles 13794 Aix en Provence cedex 3 France 2)ECOLE POLYTECHNIQUE (72)Name of Inventor : 1)CHEKROUN Claude 2)BOHBOT Olivier 3)DURAN Mario 4)SENEOR Roland
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(57) Abstract :

This device is provided more particularly for detecting mines laid in a zone liable to be mined (5). It is placed on a vehicle (1) moving at a speed V. It comprises a panel (25) on which is disposed a radiation assembly (18) and a processing circuit (50) for signalling on a screen (80) the presence of mines. The radiation assembly (18) is formed by an alignment of antennas (20) disposed transversely to the speed V of movement of said vehicle (1). Its dimensions are such that it makes it possible to obtain good resolution. The latter is enhanced by a processing so as to operate as a synthetic antenna.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SOLID SUPPORT AND METHOD OF RECOVERING BIOLOGICAL MATERIAL THEREFROM

 (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 	:PCT/EP2012/053170 :24/02/2012 :WO 2012/113911 :NA :NA	 (71)Name of Applicant : 1)GE HEALTHCARE UK LIMITED Address of Applicant :GE Healthcare Limited Amersham Place Little Chalfont Buckinghamshire HP7 9NA U.K. (72)Name of Inventor : 1)HORTON Jeffrey Kenneth 2)TATNELL Peter James 3)STUBBS Simon Laurence John
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to solid supports that are used for the storage and further processing of biological materials. The invention is particularly concerned with solid supports which have at least one surface coated with a chemical mixture that enhances the recovery of the biological material from the support. Methods of preparing and using the solid supports are also described.

No. of Pages : 25 No. of Claims : 27

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEPLOYING A COPY OF A DISK IMAGE FROM SOURCE STORAGE TO TARGET STORAGE (51) International classification :G06F3/06 (71)Name of Applicant : (31) Priority Document No 1)CITRIX SYSTEMS INC. :61/445,865 (32) Priority Date Address of Applicant :851 West Cypress Creek Road Fort :23/02/2011 (33) Name of priority country Lauderdale Florida 33309 U.S.A. :U.S.A. :PCT/US2012/026146 (72)Name of Inventor : (86) International Application No Filing Date **1)SHARP Richard William** :22/02/2012 (87) International Publication No :WO 2012/116082 2)SCOTT David Jonathan (61) Patent of Addition to Application **3)LUDLAM Jonathan James** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A technique deploys a copy of a disk image from source storage to target storage. The technique involves identifying a particular disk image to be copied from the source storage to the target storage. The technique further involves performing a comparison operation between a first disk image list which lists disk images on the source storage and a second disk image list which lists disk images on the target storage to generate a common disk image list which lists a set of common disk images on both the source and target storage. The technique further involves transferring from the source storage to the target storage a set of data portions representing differences between the particular disk image and a common disk image listed on the common disk image list. The set of data portions in combination with the common disk image form a deployed copy on the target storage.

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

(21) Application No.7455/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

 (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 	:61/516,210 :31/03/2011 :U.S.A. :PCT/US2012/000171 :28/03/2012 :WO 2012/134596	 (71)Name of Applicant : 1)LANCER CORPORATION Address of Applicant :6655 Lancer Blvd. San Antonio TX 78219 U.S.A. (72)Name of Inventor : 1)HASKAYNE Paul 2)SHETTLE Robert W. 3)SMELLER Donald W.
(33) Name of priority country	:U.S.A.	78219 U.S.A.
(86) International Application No	:PCT/US2012/000171	(72)Name of Inventor :
Filing Date	:28/03/2012	1)HASKAYNE Paul
(87) International Publication No	:WO 2012/134596	2)SHETTLE Robert W.
(61) Patent of Addition to Application	:NA	3)SMELLER Donald W.
Number		4)JENNINGS Jarrell L.
Filing Date	:NA	5)GOOD Merrill R.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CREAMY FOAM BEER DISPENSING SYSTEM

(57) Abstract :

(19) INDIA

A creamy foam beer dispensing system includes a coupler removably securable with a keg a transportation tube and a faucet. The transportation tube includes a first end engageable with the coupler whereby beer flows from the keg through the transportation tube when the first end of the transportation tube is engaged with the coupler. The transportation tube further includes a second end engageable with the faucet. The faucet includes a compression tube receiver adapted to receive the second end of the transportation tube therethrough such that the second end delivers beer from the faucet. The faucet further includes a plunger communicating with the compression tube receiver and a handle coupled with the plunger. The handle is movable among a closed position an open position and a creamy foam position. In the closed position the handle maintains the plunger squeezed against the transportation tube such that no beer flows from the faucet. In the open position the handle lifts the plunger substantially completely off the transportation tube such that an aperture created in the transportation tube produces creamy foam flow from the faucet.

No. of Pages : 29 No. of Claims : 24

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : MEDICINAL PREPARATION RENESSANS HAVING AN ANTIBACTERIAL ANTI ULCEROUS AND IMMUNO MODULATING ACTION

 (51) International classification (31) Priority Document Not (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 	:A61K31/375,A61K31/70,A61K33/14) :2011/0501.1 :16/05/2011 :Kazakhstan :PCT/KZ2011/000018 :10/11/2011 :WO 2012/158002 :NA :NA :NA	 (71)Name of Applicant : 1)BEGALIEV Shokan Sabirkhanovich Address of Applicant :ul. Nusupbekova 19 5 Almaty Kazakhstan 2)NUGERBEKOVA Kulshat Magzumovna (72)Name of Inventor : 1)BEGALIEV Shokan Sabirkhanovich 2)NUGERBEKOVA Kulshat Magzumovna
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(57) Abstract :

The invention relates to the field of medicine, in particular to medicinal preparations which have an antibacterial, anti-ulcerous and immuno-modulating action and which can be used in injection form. The medicinal preparation RENESSANS comprises components in the following ratio thereof: 0.4-2.0% by mass of iodine, 0.8-4.0% by mass of potassium iodide, 10.0-40.0% by mass of starch, 0.4-2.0% by mass of ascorbic acid, 1.2-4.8% by mass of glue - ose, 0.3-1.8% by mass of sodium chloride, with the remainder being purified water. A pharmaceutically effective quant - ity of the preparation is administered intravenously, intramuscularly or perorally.

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

(21) Application No.7458/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:H01L21/02	(71)Name of Applicant :
(31) Priority Document No	:10 2011 016 366.2	1)NASP III/V GMBH
(32) Priority Date	:07/04/2011	Address of Applicant : Am Knechtacker 19 35041 Marburg
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE2012/000054	(72)Name of Inventor :
Filing Date	:25/01/2012	1)KUNERT Bernadette
(87) International Publication No	:WO 2012/136176	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METHOD FOR PRODUCING A III/V SI TEMPLATE

(57) Abstract :

The invention relates to a method for producing a monolithic template containing an Si wafer having a layer of a III/V semiconductor that is epitaxially applied to a surface of the Si wafer, wherein the III/V semiconductor comprises a lattice constant that deviates from the constant of the Si by less than 10%, comprising the following steps: A) the surface of the Si wafer is optionally deoxidized, B) an Si layer is optionally grown epitaxially on the surface of the deoxidized Si wafer, C) the surface of the Si wafer or the surface of the Si layer is optionally subjected to an etching and/or bake-out step, D) a layer made of a III/V semiconductor is epitaxially grown on the surface of the Si wafer or a surface produced in steps A) to C) at a wafer temperature of 350-650 °C, a growth rate of 0.1-2 mh h, and a layer thickness of 1-100 nm, E) a layer made of a III/V semiconductor equal to or different from the III/V semiconductor applied in step D) at a wafer temperature of 500-800 °C, a growth rate of 0.1-10 mp h, and a layer thickness of 10-150 nm.

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

(19) INDIA

(22) Date of filing of Application :17/01/2014

(43) Publication Date : 02/01/2015

:H04W36/24	(71)Name of Applicant :
:NA	1)NOKIA SIEMENS NETWORKS OY
:NA	Address of Applicant :Karaportti 3 FI 02610 Espoo Finland
:NA	(72)Name of Inventor :
:PCT/EP2011/063868	1)WEGMANN Bernhard
:11/08/2011	2)VIERING Ingo
:WO 2013/020604	3)KORDYBACH Krzysztof
:NA	4)WALDHAUSER Richard
:NA	
:NA	
:NA	
	:NA :NA :NA :PCT/EP2011/063868 :11/08/2011 :WO 2013/020604 :NA :NA :NA

(54) Title of the invention : USER EQUIPMENT SHORT STAY REPORT

(57) Abstract :

A second handover of a user equipment from a cell B to a cell C of a cellular communications network is successfully completed (S23) wherein a successful completion of a first handover of the user equipment from a cell A of the cellular communications network to the cell B has immediately preceded the second handover (S21). The second handover is determined as being a rapid handover at the cell B and/or the cell C based on a detection (S22) that the second handover of the user equipment has been initiated from the cell B to the cell C within a configurable period of time since the successful completion of the first handover and the rapid handover is reported to the cell A (S24).

No. of Pages : 30 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 02/01/2015

(51) International classification	:B60K6/365,B60K6/445	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1 Toyota cho Toyota shi Aichi 471857
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2011/067165	(72)Name of Inventor :
Filing Date	:27/07/2011	1)ONO Tomohito
(87) International Publication No	:WO 2013/014777	2)IWASE Yuji
(61) Patent of Addition to Application	· NT A	3)SUZUKI Yosuke
Number	:NA	4)HATA Kensei
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : DRIVE DEVICE FOR HYBRID VEHICLE

(57) Abstract :

A drive device for a hybrid vehicle the device being provided with: a first planetary gear train (10); a second planetary gear train (20); a clutch (4) for engaging and releasing the carrier (14) of the first planetary gear train and the carrier (24) of the second planetary gear train; and a brake (5) that is engaged to regulate the rotation of the carrier of the second planetary gear train; the sun gear (11) of the first planetary gear train the carriers and a ring gear (13) being connected to a first rotating electrical machine (MG1) to an engine (1) and to a drive wheel respectively; and the sun gear (21) of the second planetary gear train and a ring gear (23) being connected to a second rotating electrical machine (MG2) and to a drive wheel respectively.

No. of Pages : 34 No. of Claims : 9

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:F03D7/02	(71)Name of Applicant :
(31) Priority Document No	:11154655.2	1)AREVA WIND GMBH
(32) Priority Date	:16/02/2011	Address of Applicant : Am Lunedeich 156 27572 Bremerhaven
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2012/050887	(72)Name of Inventor :
Filing Date	:20/01/2012	1)ZICKERT Bernd
(87) International Publication No	:WO 2012/110278	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BLADE PITCH ANGLE ADJUSTING APPARATUS FOR A WIND TURBINE

(57) Abstract :

A wind turbine blade pitch angle adjusting apparatus (1) for adjusting the pitch angle of a blade of a wind turbine, comprising: an electric pitch motor (M) able to output a maximum motor torque Tm; and a pitch brake assembly (7) able to generate a maximum brake assembly torque Tb; characterised in that: the pitch brake assembly (7) comprises a plurality of individual pitch brakes (11, 12) each able to generate a maximum individual brake torque Tsb, the maximum brake assembly torque Tb is the sum of all maximum individual brake torque Tsb, and the maximum motor torque Tm is higher than the maximum individual brake torque Tsb of any one of the pitch brakes.

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

(21) Application No.7468/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PREPARING HIGH PURITY HYDROGEN CHLORIDE

(57) Abstract :

The present invention provides a method and system for preparing high purity hydrogen chloride the method comprising the steps of: purifying the raw materials crude hydrogen and crude chlorine to a purity of at least 99.999%; synthesizing hydrogen chloride by reacting the purified hydrogen and chlorine at a temperature in the range of from 1,200 to 1,400°C the hydrogen being introduced in excess by a molar ratio relative to the chlorine; compressing the hydrogen chloride so as to convert same to a liquid; and refining the hydrogen chloride and isolating the surplus hydrogen through fractional distillation. The method and system for preparing high purity hydrogen chloride of the present invention can readily produce hydrogen chloride of from 3N (99.9%) to 6N (99.9999%) in large quantities and at relatively low cost depending on the raw materials and the degree of purity of the product and can provide an environmentally friendly preparation process that dramatically decreases energy consumption.

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

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SIMULATED CARBON AND PROTON NMR CHEMICAL SHIFT BASED BINARY FINGERPRINTS FOR VIRTUAL SCREENING

 (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 	:G01R33/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA. Delhi India (72)Name of Inventor : 1)MUTHUKUMARASAMY KARTHIKEYAN 2)RENU VYAS 3)PATTUPARAMBIL RAMANPILLAI RAJAMOHANAN
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(57) Abstract :

The invention discloses a method to generate and analyze NMR chemical shft based binary fingerprints for virtual high throughput screening in drug discovery. Further, the invention provides a method to analyze NMR chemical shifts based binary fingerprints that has implications for encoding several properties of a molecule besides the basic framework or scaffold and determine its propensity towards a particular bioactivity class.

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

(22) Date of filing of Application :01/02/2012

(54) Title of the invention : MULTIPURPOSE INSTRUMENTED AVALANCHE ROD FOR INVESTIGATION OF SNOW STABILITY AND COMFORTABLE SAFE MOVEMENT IN SNOW BOUND AREAS

(51) International classification	:E01H 5/00	(71)Name of Applicant : 1)DIRECTOR GENERAL DEFENCE RESEARCH &
(31) Priority Document No	:NA	DEVELOPMENT ORGANISATION
(32) Priority Date	:NA	Address of Applicant : Ministry of Defence Govt of India
(33) Name of priority country	:NA	Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi
(86) International Application No	:NA	- 110011 Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ganesh Kumar
(61) Patent of Addition to Application Number	:NA	2)Ashwagosha Ganju
Filing Date	:NA	3)Chasmai Moiz Hatim
(62) Divisional to Application Number	:NA	4)Amod Kumar
Filing Date	:NA	

(57) Abstract :

The present invention discloses a multipurpose instrumented avalanche rod for investigation of snow stability and comfortable safe movement in snow bound areas said rod comprising: a light weight durable rod; a handle; a load cell assembly located near the said handle far away from the contact surface of the material for measuring the peneration resisting force; a data storage and acquisition and display system; an avalanche victim detector; a location tracking system; a magnetic field sensor assembly comprising of magnetic field sensors; wherein at least one thermocouple for measurement of one temperature layer is situated near the tip inside of the said avalanche rod.

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

(19) INDIA

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : FOCUS AND IMAGING SYSTEM AND TECHNIQUES USING ERROR SIGNAL

(51) International classification	:G02B7/38,G02B21/24	(71)Name of Applicant :
(31) Priority Document No	:61/532709	1)VENTANA MEDICAL SYSTEMS INC.
(32) Priority Date	:09/09/2011	Address of Applicant :1910 Innovation Park Dr. Tucson
(33) Name of priority country	:U.S.A.	Arizona 85755 U.S.A.
(86) International Application No	:PCT/EP2012/066265	(72)Name of Inventor :
Filing Date	:21/08/2012	1)LONEY Gregory C.
(87) International Publication No	:WO 2013/034429	2)STARK Glenn
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and techniques for an optical scanning microscope and/or other appropriate imaging system includes components for scanning and collecting focused images of a tissue sample and/or other object disposed on a slide. The focusing system described herein provides for determining best focus for each snapshot as a snapshot is captured which may be referred to as on the fly focusing. Best focus may be determined using an error function generated according to movement of a dither focusing lens. The devices and techniques provided herein lead to significant reductions in the time required for forming a digital image of an area in a pathology slide and provide for the creation of high quality digital images of a specimen at high throughput.

No. of Pages : 65 No. of Claims : 23

(21) Application No.366/DELNP/2014 A

(22) Date of filing of Application :16/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : CURABLE COMPOSITIONS AND MEMBRANES

classification :B01D/1/40,B01D/1/56,C08F220/38 1)I (31) Priority Document No :1112382.5 A (32) Priority Date :19/07/2011 Neth (33) Name of priority :U.K. (72)I (86) International :PCT/GB2012/051568 2)N	1)Name of Applicant : 1)FUJIFILM MANUFACTURING EUROPE BV Address of Applicant :Oudenstaart 1 NL 5047 TK Tilburg etherlands 2)Name of Inventor : 1)VAN BERCHUM Bastiaan 2)VAN BAAK Willem 3)HESSING Jacko
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(57) Abstract :

A membrane obtainable from curing a composition comprising: (i) a curable compound comprising at least two (meth)acrylic groups and a sulphonic acid group and having a molecular weight which satisfies the equation: MW < (300 + 300n) wherein: MW is the molecular weight of the said curable compound; and n has a value of 1 2 3 or 4 and is the number of sulphonic acid groups present in the said curable compound; and optionally (ii) a curable compound having one ethylenically unsaturated group; wherein the molar fraction of curable compounds comprising at least two (meth)acrylic groups relative to the total number of moles of curable compounds present in the composition is at least 0.25.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : LABELING AGENT FOR POST TRANSLATIONAL MODIFICATION ANALYSIS OF SERINE AND THREONINE

 (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 	.0011135/58,0011150/88,0011135/00	 (71)Name of Applicant : CellSeed Inc. Address of Applicant :33 8 Wakamatsu cho Shinjuku ku Tokyo 1620056 Japan NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY (72)Name of Inventor : SHINOHARA Yasuro TAKEGAWA Yasuhiro FUJITANI Naoki FURUKAWA Jun ichi SAKAI Hideaki
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(57) Abstract :

A glycoprotein and/or a glycopeptide which are a test substance is heated in the presence of a pyrazolone derivative, an isoxazolone derivative, a hydantoin derivative, a rhodanine derivative, a maleimide derivative, or the like under a basic condition to cleave and label a post-translational modification group for analysis, thereby enabling analysis of a post-translational modification of a serine residue and/or a threonine residue.

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

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : CHARGING DEVICE FOR SHAFT FURNACE WITH CONTROLLER FOR CLEAN GAS FED TO ITS MAIN CASING

(57) Abstract :

A charging device for a shaft furnace comprises a main casing and at least one nozzle for introducing a clean gas into the casing. According to an important aspect of the invention a controller is configured to adapt the supply (the flow rate) or pressure of clean gas in the main casing based on charging status information.

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

(19) INDIA

(22) Date of filing of Application :20/01/2014

(43) Publication Date : 02/01/2015

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

 (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 	:G06Q10/00 :NA :NA :NA :PCT/JP2011/069534 :30/08/2011 :WO 2013/030942 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor : 1)YOSHIZU Sayaka
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(57) Abstract :

The travel history of a vehicle (C) is appropriately registered in a database (200). A point identification unit (120) identifies the geographical base of a user as the core point of the behavior of the user. A data to be deleted determination unit (320) identifies the travel history that has a low relevance with regard to the geographical base of the user when it becomes necessary to delete the travel history stored in the database (200). A data deletion unit (320) deletes from the database (200) the travel history identified by means of the data to be deleted determination unit (320). As a result the behavior history that has a high use value for the user is retained in the database (200) as a priority.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SUGARCAN	E COATING	
 (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 	:A01C1/06 :61/444925 :21/02/2011 :U.S.A.	 (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 Basel Switzerland (72)Name of Inventor : 1)KUMAR Rakesh

(57) Abstract :

Methods and coatings for a sugarcane stem section are shown and described. In one example the disclosure includes a stem section that has been coated with a composition comprising a fatty acid component and a trigger release component. In another example the disclosure includes a method of growing sugarcane comprising planting a stem section that has been coated with a composition comprising a fatty acid component.

No. of Pages : 28 No. of Claims : 35

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYNTHESIS OF 2 CARBOXAMIDE CYCLOAMINO UREA DERIVATIVES

 (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 t Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D213/26,C07D417/04,C07D417/14 :61/448,774 :03/03/2011 :U.S.A. :PCT/EP2012/053559 :01/03/2012 :WO 2012/117071 ⁰ :NA :NA :NA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)ERB Bernhard 2)GALLOU Isabelle Sylvie 3)KLEINBECK Florian Karl
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(57) Abstract :

Provided herein are processes and intermedi ate compounds useful for the preparation of 2carboxamide cycloamino urea derivatives of formula (X), and useful intermediates therefore.

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

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

(43) Publication Date : 02/01/2015

(51) International classification :B60L11/18 (71)Name of Applicant : (31) Priority Document No :MI2011A 000393 1)PIAGGIO & C. S.P.A. (32) Priority Date :11/03/2011 Address of Applicant : Viale Rinaldo Piaggio 25 56025 (33) Name of priority country Pontedera (PI) Italy :Italy (86) International Application No :PCT/IB2012/051090 (72)Name of Inventor : Filing Date :08/03/2012 **1)SANTUCCI Mario** (87) International Publication No :WO 2012/123862 2)DI TANNA Onorino (61) Patent of Addition to Application 3)SAVARESI Sergio :NA Number 4)TANELLI Mara :NA Filing Date 5)DARDANELLI Andrea (62) Divisional to Application Number :NA 6)PICASSO Bruno Filing Date :NA

(54) Title of the invention : METHOD AND ELECTRONIC SYSTEM FOR THE AUTOMATIC MANAGEMENT OF THE ENERGY AUTONOMY OF A VEHICLE PARTICULARLY OF ELECTRIC VEHICLES

(57) Abstract :

A method (100) is described for the automatic management of the energy autonomy of a vehicle of the type comprising a torquecontrollable motor (2 1), a plurality of sensors (22) for the instantaneous measurement of a plurality of drive parameters and of energy capacity (C) of such a vehicle, and a first central control unit (23) coupled with the motor (2 1), capable of generating an instantaneous torque request (md) on the basis of a request of a user. The method (100) comprises the phases of receiving (101) from an interface means (11) a signal for indicating a distance and/or a path to cover, and dividing the distance and/or the path into a plurality of space intervals; calculating (102) an allowable variation of energy capacity (AC) in a space interval on the basis of an energy capacity (C) detected by the plurality of sensors (22) and on the basis of variation laws of the energy capacity (C); determining (103) limit conditions for the speed and/or acceleration of the vehicle (20), on the basis of a map, chosen among a plurality of maps of speedacceleration- variation of energy capacity; generating (110) a regulated instantaneous torque request (m) on the basis of the speed and/or acceleration detected by the plurality of sensors (22), of the determined limit conditions for the speed and/or acceleration and of the instantaneous torque request (ma) generated by the first central control unit (23). Moreover, an electronic system (10) capable of implementing such a method is described.

No. of Pages : 36 No. of Claims : 17

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM PERTAINING TO DETERMINATION OF A CONTACT POINT FOR A CLUTCH

 (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 (62) All to formation for the formation of the forma	:F16D48/06,B60W10/02,B60W10/06 :11502184 :14/03/2011 :Sweden :PCT/SE2012/050274 :12/03/2012 :WO 2012/125112 :NA :NA :NA	 (71)Name of Applicant : 1)SCANIA CV AB Address of Applicant :S 151 87 Sdertlje Sweden (72)Name of Inventor : 1)REDBRANDT Karl 2)LAGHAMN Andreas
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(57) Abstract :

The invention relates to a dynamic mixer (1, 100) for a plurality of fluid components, comprising a housing (2, 102) and a rotor element (3, 103) which is rotatably arranged in the housing, wherein the housing comprises a respective inlet opening (12, 13, 112, 113) at least for each component, and at least one outlet opening (20, 120). An annular space is provided between the rotor element and the housing, in which annular space a mixing element (7, 107) connected to the rotor element is arranged. The mixing element is provided with a blade element (23, 43, 53) configured as a guide element for conveying the components from the inlet opening to the outlet opening. The blade element (23, 43, 53) is a guide element and comprises a guide surface (25, 45, 55) of concave curved shape with respect to the outlet opening (20, 120). The blade element is further removed from the outlet opening (20, 120) on the upstream side thereof than on the downstream side thereof.

No. of Pages : 29 No. of Claims : 14

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DYNAMIC MIXER AND USE THEREOF (51) International classification :B01F7/00,B01F13/00,A61C9/00 (71)Name of Applicant : (31) Priority Document No :11156134.6 1)SULZER MIXPAC AG (32) Priority Date :28/02/2011 Address of Applicant :R¹/₄tistrasse 7 CH 9469 Haag (33) Name of priority country :EPO Switzerland (86) International Application (72)Name of Inventor : :PCT/EP2012/051376 1)LINNE Volker No :27/01/2012 Filing Date 2)HIEMER Andreas (87) International Publication No:WO 2012/116863 **3)HSLER Florian** (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The invention relates to a dynamic mixer (1, 100) for a plurality of fluid components, wherein said mixer contains a housing (2, 102) and a rotor element (3, 103) which is rotatably arranged in the housing, wherein the housing has a respective inlet opening (12, 13, 112, 113) at least for each component and at least one outlet opening (20, 120). An annular gap (15, 115) is provided between the rotor element and the housing, wherein in said annular gap a mixing element (7, 107) which is connected to the rotor element (3, 103) is arranged. The housing comprises a first prechamber (21, 121) and a main Chamber (22, 122). A second prechamber (17, 117) is provided, which is arranged downstream of the first prechamber (21, 121), such that the components can flow through the first prechamber (21, 121), before the components enter the second prechamber (17, 117).

No. of Pages : 32 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:A23L2/44	(71)Name of Applicant :
(31) Priority Document No	:13/033758	1)PEPSICO INC.
(32) Priority Date	:24/02/2011	Address of Applicant :700 Anderson Hill Road Purchase New
(33) Name of priority country	:U.S.A.	York 10577 U.S.A.
(86) International Application No	:PCT/US2012/025338	(72)Name of Inventor :
Filing Date	:16/02/2012	1)TAN Siow Ying
(87) International Publication No	:WO 2012/154245	2)GIVEN Peter
(61) Patent of Addition to Application	:NA	3)GADIRAJU Rama
Number	:NA	4)CLARK Cynthia
Filing Date	.117	5)MULLEN Jessica
(62) Divisional to Application Number	:NA	6)JOHNSON Winsome
Filing Date	:NA	7)BRAND LEVINE Dalit

(54) Title of the invention : REDUCTION OF SORBIC ACID PRECIPITATION

(57) Abstract :

A method for reducing sorbic acid precipitation during manufacture and storage of stable preserved syrup. A microemulsion of a sorbic acid compound a non aqueous solvent and a surfactant is made in water. Syrup ingredients are added to a bulk quantity of liquid and the microemulsion is added to the liquid. In another aspect a sorbic acid compound is dissolved in an oil based ingredient of the syrup. Syrup ingredients are added to a bulk quantity of liquid and a sorbic acid compound containing oil based ingredient is added to the liquid. A further aspect is directed to a method for reducing sorbic acid precipitation during manufacture and storage of stable preserved syrup. A sorbic acid compound and polysorbate are dissolved in water. Syrup ingredients are added to a bulk quantity of liquid and a sorbic acid compound containing fluid is added to the liquid.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : AXIAL PISTON PUMP WITH PISTONS HAVING METALLIC SEALING RINGS

 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:24/02/2012	 (71)Name of Applicant : 1)NEO MECHANICS LIMITED Address of Applicant :Room 1301 Leighton Centre 77 Leighton Road Causeway Bay Hong Kong China (72)Name of Inventor : 1)CHANG Kyong Tae
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An axial piston pump comprising a cylinder block (3) having one or more cylinder bores (9); and one or more piston assemblies; wherein number of piston assemblies matches number of cylinder bores (9); wherein each of the piston assemblies having a piston being disposed reciprocating in each of the cylinder bores (9); and wherein each piston being fitted with a metallic sealing ring (11) which is a coiled felt seal (CFS) for reducing leakage and keeping concentric of the piston within its corresponding cylinder bore (9).

No. of Pages : 26 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ESTER DERIVATIVES OF BIMATOPROST COMPOSITIONS AND METHODS

 (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 	:PCT/US2012/024881 :13/02/2012	 (71)Name of Applicant : Address of Applicant :2525 Dupont Drive Irvine CA 92886 U.S.A. (72)Name of Inventor : WOODWARD David F. WANG Jenny W. GARST Michael E. BURK Robert M. GAC Todd S. POLOSO Neil J.
Filing Date (62) Divisional to Application Number Filing Date		

(57) Abstract :

PROVIDED HEREIN, INTER ALIA, ARE PRODRUGS OF BIMATOPROST, METHODS OF USING THE SAME AND COMPOSITIONS INCLUDING THE SAME.

No. of Pages : 95 No. of Claims : 26

(21) Application No.7360/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYRINGE A	ND SYRINGE ASSEMB	LY
 (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 		 (71)Name of Applicant : 1)Terumo Kabushiki Kaisha Address of Applicant :44 1 Hatagaya 2 chome Shibuya ku Tokyo 1510072 Japan (72)Name of Inventor : 1)TACHIKAWA Kouichi 2)IWASE Yoichiro 3)OHASHI Hirotaka 4)OGAWA Junichi

(57) Abstract :

This syringe (1) has an outer tube (2), a gasket (3), and a presser (4). The presser (4) is provided with: a cylindrical holding part (41) w c covers at least part of the outer circumference of the outer tube (2) and is moveable relative to the outer tube (2) in the length direction thereof; and a pressure part (42) which, connec ted with the holding part (41), is inserted into the outer tube (2), and through the movement of the holding part (41) relative to the outer tube (2) towards the tip, the gasket (3) is moved towards the tip. Further, between the holding part (41) and the outer tube (2), a guiding unit (8) is provided which guides movement of the holding part (41) relative to the outer tube (2).

No. of Pages : 70 No. of Claims : 15

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINATION OF A NEED FOR CONTACT POINT ADAPTATION

(51) International classification	:F16D48/06	(71)Name of Applicant :
(31) Priority Document No	:11502176	1)SCANIA CV AB
(32) Priority Date	:14/03/2011	Address of Applicant :S 151 87 Sdertlje Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2012/050272	1)REDBRANDT Karl
Filing Date	:12/03/2012	2)LAGHAMN Andreas
(87) International Publication No	:WO 2012/125110	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The present invention relates to a method for determining a need for contact point adaptation for a clutch (106) of a vehicle (100), which clutch (106) is in tended to transmit driving power between a first power source in the form of an engine (101) and at least one powered wheel (113, 114). The method comprises - at a first point in time, determining a first temperature (Tl) of said clutch (106), - comparing said first temperature (Tl) with a second temperature (T2) of said clutch (106) de termined at a second point in time which precedes said first point in time, and - determining a need for contact point adaptation when said first temperature (Tl) differs from said second temperature (T2) by more than a first value (Δ T)).

No. of Pages : 31 No. of Claims : 13

(22) Date of filing of Application :21/08/2013

(54) Title of the invention : DEVICE FOR THE EXTRACTION PARALLEL TO THE PROCESS OF PROCESSING PRODUCTS ARISING DURING THE PROCESSING OF A WORKPIECE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	PCT/EP2012/052965 :22/02/2012	 (71)Name of Applicant : 1)KRAUSSMAFFEI TECHNOLOGIES GMBH Address of Applicant :Krauss Maffei Str. 2 80997 M¹/₄nchen Germany (72)Name of Inventor : 1)EICKENS Sebastian 2)JANSEN Markus
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA ^h :NA :NA	

(57) Abstract :

The invention relates to a device for the extraction parallel to the process and effective at the processing location of processing products arising during the processing of a workpiece by means of a processing device (1) for example during milling work by means of industrial robots. According to the invention a double walled extraction hood (2) is provided which has a first inner housing part (2a) and a second outer housing part (2b) arranged at a distance from the first inner housing part wherein the two housing parts (2a 2b) are arranged coaxial with each other and partially within each other in such a way that an air channel (7) is formed between the two housing parts (2a 2b). The air channel (7) has a front end (7a) that can be aligned with the workpiece and a rear end (7b) opposite the front end wherein a flow (8) directed from the front end (7a) to the rear end (7b) can be created in the air channel (7). The extraction hood (2) in particular the inner housing part (2a) of the extraction hood (2) is designed to accommodate at least part of the processing device (1) and can be connected thereto.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : TECHNOLOGY FOR PREVENTING ABUSE OF SOLID DOSAGE FORMS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No :PCT/ 	7/US2012/025737 02/2012	 (71)Name of Applicant : 1)QRXPHARMA LTD. Address of Applicant :Level 1 194 Miller Street North Sydney NSW 2060 Australia (72)Name of Inventor : 1)VACHON Michael 2)RUDNIC Edward M.
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(57) Abstract :

Abuse resistant pharmaceutical formulations are provided that contain one or more abusable drugs and one or more abuse deterrent components. The abuse deterrent component(s) prevent the abusable drug(s) from being removed/extracted to an appreciable extent and/or rate. The abuse deterrent component(s) may be in the form of pellets beads beadlets granules powders or the like and may comprise a core that contains a material that is both hydrophilic and hydrophobic and optionally a pH dependent coating.

No. of Pages : 81 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/08/2013

(54) Title of the invention : ORAL DEVICE

 (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 	:A61F5/058,A61F5/56 :11/00686 :08/03/2011 :France :PCT/FR2011/000685 :30/12/2011 :WO 2012/120203 :NA :NA	 (71)Name of Applicant : 1)FELLUS Patrick Andr Address of Applicant :18 rue de Cond F 75006 Paris France (72)Name of Inventor : 1)FELLUS Patrick Andr
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An oral device (2) is designed to be worn in the mouth by a person and to stress the trigeminal nerve during swallo - wing. A method of learning the performance of an action, which comprises the wearing of an oral device (2) by a person in order to o stress the trigeminal nerve during swallowing.

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

(21) Application No.7367/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H04N5/222	(71)Name of Applicant :
(31) Priority Document No	:61/444194	1)VIDEOLINK LLC
(32) Priority Date	:18/02/2011	Address of Applicant :1230 Washington Street West Newton
(33) Name of priority country	:U.S.A.	Massachusetts 02465 U.S.A.
(86) International Application No	:PCT/US2012/025426	(72)Name of Inventor :
Filing Date	:16/02/2012	1)WILLIS Leigh
(87) International Publication No	:WO 2012/112764	2)HONIG Lawrence
(61) Patent of Addition to Application	:NA	3)HONIG Charles
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		

(54) Title of the invention : REMOTE CONTROLLED STUDIO CAMERA SYSTEM

(57) Abstract :

A system for remotely controlling a camera is disclosed. The system includes five major subsystems; a first subsystem collocated with the camera; a second subsystem which serves as a gateway between the camera and the third subsystem; a third subsystem to remotely monitor the studio and control the camera; a fourth subsystem located at the destination of the video stream; and a fifth subsystem to receive and re transmit a video control stream. This system allows the camera to be monitored and controlled by one location while the primary video stream is transmitted to a different location. In some embodiments the control video stream is a lower bandwidth signal than the primary video stream. Furthermore the fifth subsystem is capable of receiving and re transmitting control video streams from a plurality of cameras simultaneously. The second subsystem allows remote access to the first subsystem based on approved credentials.

No. of Pages : 36 No. of Claims : 16

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR FILLING VIAS IN THE MICROELECTRONICS

(51) International classification	:C25D3/18,C25D5/18,C25D7/12	
(31) Priority Document No	:61/436569	1)ENTHONE INC.
(32) Priority Date	:26/01/2011	Address of Applicant :350 Frontage Road West Haven
(33) Name of priority country	:U.S.A.	Connecticut 06516 U.S.A.
(86) International Application N	o:PCT/US2012/022758	(72)Name of Inventor :
Filing Date	:26/01/2012	1)RICHARDSON Thomas B.
(87) International Publication N	o :WO 2012/103357	2)ABYS Joseph A.
(61) Patent of Addition to	:NA	3)SHAO Wenbo
Application Number		4)WANG Chen
Filing Date	:NA	5)PANECCASIO JR. Vincent
(62) Divisional to Application	.NT A	6)WANG Cai
Number	:NA	7)LIN Xuan
Filing Date	:NA	8)ANTONELLIS Theodore

(57) Abstract :

A process for metalizing a through silicon via feature in a semiconductor integrated circuit device, the process including, during the filling cycle, reversing the polarity of circuit for an interval to generate an anodic potential at said metalizing substrate and desorb leveler from the copper surface within the via, followed by resuming copper deposition by re-establishing the surface of the copper within the via as the cathode in the circuit, thereby yielding a copper filled via feature.

No. of Pages : 97 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TWO STROKE OPPOSED PISTON ENGINES WITH ENGINE BRAKING

 (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 	:F01L13/06,F02B75/28 :61/463815 :23/02/2011 :U.S.A. :PCT/US2012/000102 :21/02/2012 :WO 2013/058802 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ACHATES POWER INC. Address of Applicant :4060 Sorrento Valley Boulevard San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)FUQUA Kevin B. 2)READ Iain J.L.
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(57) Abstract :

In a two stroke opposed piston engine a ported cylinder with a pair of opposed pistons is equipped with an engine brake including an engine braking valve that can be opened to release air from the cylinder as the pistons cycle between BDC and TDC positions.

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

(19) INDIA

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

(54) Title of the invention : CROSS LINKED POLYMERS

(43) Publication Date : 02/01/2015

(51) International classification	:C08F220/58	(71)Name of Applicant :
(31) Priority Document No	:10 2011 013 342.9	1)CLARIANT FINANCE (BVI) LIMITED
(32) Priority Date	:08/03/2011	Address of Applicant :Citco Building Wickhams Cay P.O.
(33) Name of priority country	:Germany	Box 662 Road Town Tortola British Virgin Islands VIRGIN
(86) International Application No	:PCT/EP2012/000969	ISLANDS
Filing Date	:03/03/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/119747	1)KLUG Peter
(61) Patent of Addition to Application	·NT A	2)FISCHER Dirk
Number	:NA	3)LINDNER Thomas
Filing Date	:NA	4)MCKENHEIM Wiebke
(62) Divisional to Application Number	:NA	5)BRASCH Bianca
Filing Date	:NA	6)HORNUNG Michael

(57) Abstract :

The invention relates to water soluble or water swellable polymers the repeating structural units of which consist of a) 90.0 to 99.99 mole % of one or more repeating structural units originating from special monomers with sulfonic acid groups or the salts thereof such as e.g. 2 acrylamido 2 methyl propanesulfonic acid or the salts thereof and b) 0.01 to 10.0 mole % of one or more repeating structural units originating from special cross linking agents with at least three polymerizable double bonds. The polymers for example have an advantageous sensory property profile and are highly suitable as thickening agents even in salt containing compositions. They are furthermore advantageously suitable for producing cosmetic dermatological or pharmaceutical compositions.

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

(21) Application No.7495/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENVIRONMENTALLY FRIENDLY FLUX FOR DESULFURIZATION OF MOLTEN STEEL

(51) International classification :C21C7/064,C21C5/52,C2	
(31) Priority Document No :2011-079113	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date :31/03/2011	CORPORATION
(33) Name of priority country :Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
 (86) International Application No Filing Date (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application NA NA NA NA NA NA NA NA 	Tokyo 1008071 Japan (72)Name of Inventor : 1)WAKOH Masamitsu 2)MATSUZAWA Akihiro 3)FUCHIGAMI Katsuhiro 4)KUME Kohsuke 5)OGAWA Yuji

(57) Abstract :

An environmentally friendly flux for molten steel desulfurization includes CaO and Al2O3 so that [CaO]/[Al2O3] is within a range of 1.6 to 3.0, and includes one or more alkali metal oxides of Na20, K2O, and Li20, and SiO2 so that [SiO2]/[R2O] is within a range of 0.1 to 3, [R2O] is within a range of 0.5 mass% to 5 mass%, and [SiO2] is within a range of 0.05 mass% to 15 mass% in a case in which the [CaO], the [Al2O3], the [SiO2], and the [R2O] represent the mass% of CaO, the mass% of Al2O3, the mass% of SiO2, and the total amount of the mass% of Na20, the mass% of K2O, and the mass% of Li2O respectively.

No. of Pages : 40 No. of Claims : 9

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : UNITIZED ELECTRODE ASSEMBLY WITH HIGH EQUIVALENT WEIGHT IONOMER

 (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 	:H01M4/92,H01M8/02,B01J23/44 :NA :NA :NA :PCT/US2011/028060 :11/03/2011 :WO 2012/125138 :NA :NA	 (71)Name of Applicant : 1)UTC POWER CORPORATION Address of Applicant :195 Governors Highway South Windsor Connecticut 06074 U.S.A. (72)Name of Inventor : 1)SHOEMAKER Krista Marie 2)DARLING Robert Mason 3)STOLAR Laura Roen 4)IZZO Elise Lorraine
(61) Patent of Addition to	:NA	4)IZZO Elise Lorraine
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A catalyst layer for use in a fuel cell includes catalytic nanoparticles and a perfluorosulfonic acid (PFSA) ionomer. The catalytic nanoparticles have a palladium or palladium alloy core and an atomically thin layer of platinum on an outer surface of the palladium or palladium alloy core. The PFSA ionomer has an equivalent weight equal to or greater than about 830. A unitized electrode assembly is also described.

No. of Pages : 18 No. of Claims : 13

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NUCLEIC ACID MOLECULE ENCODING HEPATITIS B VIRUS CORE PROTEIN AND VACCINE COMPRISING THE SAME

 (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 	:A61K39/29 :61/442162 :11/02/2011 :U.S.A. :PCT/US2012/024905 :13/02/2012 :WO 2012/109668 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA Address of Applicant :3160 Chestnut Street Suite 200 Philadelphia Pennsylvania 19104 6283 U.S.A. (72)Name of Inventor : 1)WEINER David B 2)YAN Jian 3)OBENG ADJEI Nyamekye
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(57) Abstract :

Provided herein are nucleic acid sequences that encode novel consensus amino acid sequence of HBV core protein, as well as genetic constructs/vectors and vaccines that express said protein sequences. Also provided herein are methods for generating an immune response against HBV using the nucleic acid sequences that are provided.

No. of Pages : 73 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :21/08/2013

(54) Title of the invention · REFRIGERATING APPLIANCE

(43) Publication Date : 02/01/2015

(54) The of the invention. REPRICERF	ATTRO ATTELANCE	
(51) International classification	:F25D23/04,F25D25/04	(71)Name of Applicant :
(31) Priority Document No	:11157374.7	1)ELECTROLUX HOME PRODUCTS CORPORATION
(32) Priority Date	:08/03/2011	N.V.
(33) Name of priority country	:EPO	Address of Applicant :Raketstraat 40 B 1130 Brussels
(86) International Application No	:PCT/EP2012/053923	Belgium
Filing Date	:07/03/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/120045	1)BALDO Federico
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A refrigerating appliance is described, which in cludes a door (1) defining an inner surface (2) on which a plural ity of lugs (3) disposed one on top of the other along a vertical axis (Y) are located and a height-adjustable storage shelf (4) mounted on the door (1). The storage shelf comprises coupling means (5) to couple the shelf (4) to one lug (3) of said plurality, the coupling means (5) being movable from a first to a second position, in said first position the coupling means can be coupled to said lug for securing the position of the shelf on the door, and in the second position the coupling means are disengaged from said lug to allow the adjusting of the height of the shelf. The storage shelf (4) also includes a guiding portion (6) sized to em brace at least a portion of a lug (3) of the plurality and guide the shelf (4) in its vertical movements.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FUNCTIONAL LAYERS COMPRISING NI INCLUSIVE TERNARY ALLOYS AND METHODS OF MAKING THE SAME

 (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 	:C03C17/36 :13/064,063 :03/03/2011 :U.S.A. :PCT/US2011/001744 :12/10/2011 :WO 2012/118469 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GUARDIAN INDUSTRIES CORP. Address of Applicant :2300 Harmon Road Auburn Hills MI 48326 U.S.A. (72)Name of Inventor : 1)IMRAN Muhammad 2)DISTELDORF Bernd 3)FRANK Marcus 4)BLACKER Richard
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(57) Abstract :

Certain example embodiments relate to Ni-inclusive ternary alloy being provided as a barrier layer for protecting an IR reflecting layer comprising silver or the like. The provision of a barrier layer comprising nickel, chromium, and/or molybdenum and/or oxides thereof may improve corrosion resistance, as well as chemical and mechanical durability. In certain examples, more than one barrier layer may be used on at least one side of the layer comprising silver. In still further examples, a NixCryMoz-based layer may be used as the functional layer, rather than or in addition to as a barrier layer, in a coating.

No. of Pages : 47 No. of Claims : 16

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPUTER SYSTEM AND DATABASE FOR REPUTATION AND KNOWLEDGE MANAGEMENT

(51) International classification	:G06F17/30,G06Q10/10	(71)Name of Applicant :
(31) Priority Document No	:1103382.6	1)HSBC HOLDINGS PLC
(32) Priority Date	:28/02/2011	Address of Applicant :8 Canada Square Canary Wharf London
(33) Name of priority country	:U.K.	E14 5HQ U.K.
(86) International Application No	:PCT/GB2012/050404	(72)Name of Inventor :
Filing Date	:22/02/2012	1)BROWN Scott
(87) International Publication No	:WO 2012/117234	2)JEWELL Nick
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer system is described comprising one or more servers, one or more user terminals; and a database of computer entries, each computer entry including node data defining a node representative of an entity and link data defining a plurality of links connecting the node to one or more other nodes representative of one or more other entities, each link having associated tag data that describes an attribute of one of the entities associated with the link and a reputational score associated with the attribute. He computer system is able to search the computer entries based on a search request; to rank search results based on reputational scores associated with the search results; and to output one or more ranked search results. The computer system also allows entities to add new links into the database and to add new nodes representing new entities into the database.

No. of Pages : 68 No. of Claims : 89

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEMS DEVICES CIRCUITS AND METHODS FOR COMMUNICATING IN A COMMUNICATION SYSTEM

:G06K19/077 :NA :NA :NA :PCT/TH2011/000006 :18/03/2011 :WO 2012/128732	 (71)Name of Applicant : 1)SILICON CRAFT TECHNOLOGY CO. LTD. Address of Applicant :1 Soi Kosumruamjai 1 Kosumruamjai Road Don Muang Don Muang Bangkok 10210 Thailand (72)Name of Inventor : 1)SIRINAMARATANA Pairote 2)OPASJUMRUSKIT Karn
:NA	Road Don Muang Don Muang Bangkok 10210 Thailand
	(72)Name of Inventor :
:18/03/2011	1)SIRINAMARATANA Pairote
:WO 2012/128732	2)OPASJUMRUSKIT Karn
·NA	
.11/1	
:NA	
:NA	
	:NA :NA :PCT/TH2011/000006 :18/03/2011 :WO 2012/128732 :NA :NA :NA

(57) Abstract :

Example embodiments relate to a circuit, communication device, communication system, computer readable medium and method for communicating in a communication system. The communication device comprises an antenna, a resonant storage element for storing at least some energy received by the antenna, a processor for controlling a release of stored energy to generate a o modulated signal upon receiving an interrogating signal from one or more reader devices, wherein said modulated signal is a signal comprising digital data represented by at least one predefined sequence of transitions between a high energy level and a low energy o level, and a selective energy circuit in selective cooperation with the resonant storage element to affect a greater high energy level amplitude of the modulated signal upon the modulated signal transitioning from a low energy level to a high energy level when in cooperation.

No. of Pages : 51 No. of Claims : 54

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SEALING SYSTEM AND METHOD OF MAINTAINING A CLEAN ENVIRONMENT IN A WIND TURBINE BY ABSORBING LUBRICANT USED IN THE PITCH OR YAW BEARINGS

(51) International classification	:F03D11/00	(71)Name of Applicant :
(31) Priority Document No	:61/444794	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:21/02/2011	Address of Applicant :Hedeager 44 DK 8200 Aarhus N
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/DK2012/050057	(72)Name of Inventor :
Filing Date	:21/02/2012	1)BAUN Torben Friis
(87) International Publication No	:WO 2012/113402	2)ROWNTREE Robert
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sealing system for a wind turbine com prises first component and a second component positioned proximate the first component and movable relative thereto. An absorbent element is secured to the first com ponent and comprises an oil-absorbent material. A contact member is secured to the absorbent element and comprises a non-absorbent material. The contact member abuts the second component so that lubricant leaking from between the first and second components is collected by the absorb ent element. A method of maintain a clean environment in a wind turbine with such a sealing system is also disclosed.

No. of Pages : 28 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DUPLEX STAINLESS STEEL

 (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 	:PCT/JP2012/053037 :10/02/2012 :WO 2012/111537 :NA :NA	 (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : YAMADA Kenta NAGAYAMA Hiroyuki 3)HAMADA Masahiko 4)MOTOYA Daisuke 5)AMAYA Hisashi
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(57) Abstract :

Provided is a duplex stainless steel in which s phase precipitation can be suppressed during high heat input welding and having high strength and excellent SCC resistance under a high temperature chloride environment. A duplex stainless steel according to the present invention has: a chemical composition satisfying formulas (1) and (2) and comprising by mass percent 0.030% or less of C 0.20 to 1.00% of Si 8.00% or less of Mn 0.040% or less of P 0.0100% or less of S more than 2.00% but not more than 4.00% of Cu 4.00 to 8.00% of Ni 20.0 to 28.0% of Cr 0.50 to 2.00% of Mo 0.100 to 0.350% of N and 0.040% or less of sol. Al with the remainder comprising Fe and impurities; a structure with a ferrite content of 50% or more; and a yield strength of 550 MPa or more. 2.2Cr+7Mo+3Cu>66 (1) Cr+11Mo+10Ni<12(Cu+30N) (2)

No. of Pages : 50 No. of Claims : 5

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMPROVED BATTERY PLATE WITH MULTIPLE TABS AND MIXED PORE DIAMETERS

 (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 	:H01M10/10,H01M10/12,H01M10/14 :61/446,403 :24/02/2011 :U.S.A. :PCT/US2012/026350 :23/02/2012 :WO 2012/116200 :NA :NA	 (71)Name of Applicant : FIREFLY ENERGY INC. Address of Applicant :6533 N. Galena Road Peoria IL 61614 U.S.A. (72)Name of Inventor : KELLEY Kurtis C. BHANDARI Mukesh STONE Matthew
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A battery electrode assembly comprises a porous electrode plate having a plurality of large and small pores a pore insert within a plurality of pores the pore insert maintaining an electrolyte in the pores substantially throughout a discharge/charge cycle. The pore insert may be a gelled electrolyte. The pore insert may be a particulate material. The electrodes may be used in a battery having cells with opposing positive and negative tabs connected in series by an intercell connector.

No. of Pages : 29 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :21/01/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : ANTIMICROBIAL COMPOSITION

 (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 	:PCT/JP2012/067261 :29/06/2012 :WO 2013/002421 :NA :NA	 (71)Name of Applicant : 1)TAKASAGO INTERNATIONAL CORPORATION Address of Applicant :37 1 Kamata 5 chome Ota ku Tokyo 1448721 Japan (72)Name of Inventor : 1)ISHIDA Kenya 2)YAMAMOTO Tomoko 3)SUZUKI Miho
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(57) Abstract :

The objective of the present invention is to provide an antimicrobial composition that can be safely used with a broad range of foods and beverages cosmetics drugs and other similar products while showing growth inhibition activity against a wide variety of microorganisms. The present invention relates to the antimicrobial composition comprising at least one cooling agent selected from the group consisting of menthyl 3 hydroxybutanoate 2 methyl 3 (menthoxy)propane 1 2 diol 2 (menthoxy)ethanol 3 menthoxypropan 1 ol 2 (2 menthoxy)ethanol and menthyl glyoxylate.

No. of Pages : 27 No. of Claims : 8

(21) Application No.7386/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

 (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 	:02/02/2012 :WO 2012/104842	 (71)Name of Applicant : 1)ENDOSPAN LTD. Address of Applicant :4 Maskit Street P.O. Box 12058 46733 Herzilyia Pituach Israel (72)Name of Inventor : 1)SHALEV Alon 2)BENARY Raphael
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : IMPLANTABLE MEDICAL DEVICES CONSTRUCTED OF SHAPE MEMORY MATERIAL

(57) Abstract :

Medical apparatus (100) is provided for insertion into a mammalian body. The apparatus (100) includes structural stent elements (110), at least a portion of which are shaped so as to define (a) a t least one generally circumferential band (112), and (b) a plurality of engagement members (114) that are joined to and extend radially inwardly from the band (112). The apparatus (100) further includes an elongated latch member (118) which is threaded through the engagement members (114), thereby physically latching the engagement members (114). The band (112) and the engagement members (114) are configured such that (a) when the latch member (118) is threaded through and thus physically latches the engagement members (114), the engagement members (114) retain the band (112) in a radiallycompressed state, and (b) when the latch member (118) is removed from the engagement members (3.14), the band (112) assumes a radially-expanded state. Other embodiments are also described.

No. of Pages : 50 No. of Claims : 70

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CELL FOR DEPOLARISED ELECTRODIALYSIS OF SALT SOLUTIONS

 (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 	:28/03/2012	 (71)Name of Applicant : 1)INDUSTRIE DE NORA S.P.A. Address of Applicant :Via Bistolfi 35 I 20134 Milano Italy (72)Name of Inventor : 1)FAITA Giuseppe
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a salt solution electrodialysis cell for production of the relevant acids and bases by means of a process with re duced or nil consumption of electrical energy. The cell comprises an anodic chamber fed with hydrogen and a cathodic chamber fed with oxygen or air, provided with the relevant gas-diffusion electrodes; the driving power of the electrodialysis process is given by the oxidation and reduction chemical po - tentials of hydrogen and oxygen fed to the two chambers.

No. of Pages : 17 No. of Claims : 18

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF A PEMETREXED SALT

 (51) International classification (31) Priority Document Not (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 	:C07D487/04,A61K31/519,A61P35/00 p:NA :NA :NA :PCT/SG2011/000122 :25/03/2011 :WO 2012/134392 :NA :NA :NA	 (71)Name of Applicant : 1)SCINOPHARM TAIWAN LTD Address of Applicant :1 Nan Ke 8th Road Taiwan Science Based Industrial Park Taiwan County 741 Taiwan 2)SCINOPHARM SINGAPORE PTE LTD (72)Name of Inventor : 1)CHEN ShangHong 2)LIN HuangHsiung
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(57) Abstract :

A process of making a pemetrexed salt comprising: a) reacting a compound of formula II or an acid salt thereof, wherein each of Ri and R2 is independently a C1-C6 alkyl group, with an aqueous basic solution at a temperature of no more than 10°C to obtain a first mixture comprising the pemetrexed salt; b) isolating the pemetrexed salt from the first mixture.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR DETERMINING THE TOPOLOGY OF A LOW VOLTAGE ELECTRICAL DISTRIBUTION SYSTEM

(51) International classification	:H02J13/00,G01D4/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :Wittelsbacherplatz 2 80333 M ¹ / ₄ nchen
(33) Name of priority country	:NA	Germany
(86) International Application No	:PCT/EP2011/056020	(72)Name of Inventor :
Filing Date	:15/04/2011	1)KUSSYK Jaroslaw
(87) International Publication No	:WO 2012/139658	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

The invention relates, inter alia, to a method for determining a topology information item on a low-voltage electrical distribution system (10), wherein in the method (a) a group of at least two current measuring devices (17a-17e, 16a-16h) arranged at different points in the lowvoltage distribution system (10) is selected, (b) in each case the current is measured by the current measuring devices (17a-17e, 16a-16h) so as to form a current measurement value, (c) the current measurement values are added so as to form a current sum taking into consideration the current flow direction, and (d) a topology information item is formed which specifies that the current measuring devices (17a-17e, 16a-16h) electrically isolate a load-free and source-free section of the low-voltage distribution system (10) when the current sum, in terms of absolute value, falls below a predetermined threshold value.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : BALLISTIC	PROTECTION GARME	NT
(51) International classification(31) Priority Document No	:F41H1/02 :1151428	(71)Name of Applicant : 1)SAGEM DEFENSE SECURITE
(32) Priority Date	:22/02/2011	Address of Applicant :Le Ponant de Paris 27 rue Leblanc F
(33) Name of priority country	:France	75015 Paris France
(86) International Application No	:PCT/EP2012/053020	(72)Name of Inventor :
Filing Date	:22/02/2012	1)TIRARD Franck
(87) International Publication No	:WO 2012/113837	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a garment affording ballistic protection and comprising a ballistic protection vest (1) the protection vest (1) comprising: a multi layer ballistic protection pack (11) having a ventral protection part (111) and a dorsal protection part (112) in which the ventral protection part (111) and the dorsal protection part (112) are able to cover a shoulder of a user by overlapping and a cover (12) to contain the ballistic protection pack (11) in which garment the cover (12) comprises a first ventral panel including a pocket to accept the ventral protection part (111) of the ballistic protection pack (11) and a second ventral panel capable of partially covering the first ventral panel.

No. of Pages : 30 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : COLLAPSIBLE CONTAINER

 (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 	:PCT/US2012/026039 :22/02/2012 :WO 2012/116020 :NA :NA	 (71)Name of Applicant : 1)GOJO INDUSTRIES INC. Address of Applicant :One GOJO Plaza Suite 500 P.O. Box 991 Akron Ohio 44309 U.S.A. (72)Name of Inventor : 1)CIAVARELLA Nick 2)REYNOLDS Aaron 3)SCHNEIDER Stephanie 4)MARCHETTA Anthony
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(57) Abstract :

A collapsible container (10) includes a first right side wall fold line (34) in a right side wall (22) extending in a general diagonal direction downwardly and away from a rear wall (18). A first left side wall fold line (30) is provided in a left side wall (20) and extends in a general diagonal direction substantially similar to the first right side wall fold line. A rear wall fold line (38) extends across the rear wall separating it into a first facet (40) between the rear wall fold line and the top wall (24) and a second facet (42) between the rear wall fold line and a bottom wall (26). Removal of the product from the container causes the container volume to decrease and the container folds along the first right wall fold line first left wall fold line and rear wall fold line such that the first facet folds down toward the second facet.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLOW BATTERY HAVING A LOW RESISTANCE MEMBRANE

(31) Priority Document No:13/02(32) Priority Date:08/02(33) Name of priority country:U.S.A(86) International Application No:PCT/Filing Date:08/02	CT/US2012/024334 (72)Name of Inventor : //02/2012 1)PERRY Michael L. O 2012/109359 2)PANDY Arun A 3)ZAFFOU Rachid A 4)WALKER Craig R.
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(57) Abstract :

A flow battery includes a membrane having a thickness of less than approximately one hundred twenty five micrometers; and a solution having a reversible redox couple reactant, wherein the solution wets the membrane.

No. of Pages : 19 No. of Claims : 25

(19) INDIA

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

(54) Title of the invention · AUTOINIECTOR DEVICE

(43) Publication Date : 02/01/2015

TOR DEVICE	
:A61M5/20	(71)Name of Applicant :
:1104957.4	1)OWEN MUMFORD LIMITED
:24/03/2011	Address of Applicant :Brook Hill Woodstock Oxford
:U.K.	Oxfordshire OX20 1TU U.K.
:PCT/GB2012/050660	(72)Name of Inventor :
:26/03/2012	1)EATON Mark
:WO 2012/127249	
:NA	
:NA	
:NA	
:NA	
	:A61M5/20 :1104957.4 :24/03/2011 :U.K. :PCT/GB2012/050660 :26/03/2012 :WO 2012/127249 :NA :NA :NA

(57) Abstract :

An autoinjector device comprises an elongate housing (10)containing a syringe or cartridge (12)having an internal piston for expressing a dose from the syringe or cartridge. A drive mechanism includes a drive member (18) for engaging said piston and a drive spring (20) or the like acting on the drive member. A side operated trigger arrangement includes a retention element (22) movably mounted in the housing from a retaining position in which the drive member is kept in a cocked condition and a release position in which the drive member a position in which the retention element is prevented from moving to release said plunger and a position in which said retention member is free to move. The outer sleeve includes a trigger wall portion (28) which may be depressed to move the retention element (22) is free to move thereby releasing the plunger.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR COLLECTING AND ANALYZING OPERATIONAL INFORMATION FROM A NETWORK OF COMPONENTS ASSOCIATED WITH A LIQUID ENERGY COMMODITY

(51) International classification	:G06Q50/02,G06Q50/06	(71)Name of Applicant :
(31) Priority Document No	:61/443510	1)GENSCAPE INTANGIBLE HOLDING INC.
(32) Priority Date	:16/02/2011	Address of Applicant :Suite 200 445 East Market Street
(33) Name of priority country	:U.S.A.	Louisville Kentucky 40202 U.S.A.
(86) International Application No	:PCT/US2012/025418	(72)Name of Inventor :
Filing Date	:16/02/2012	1)ALPHENAAR Deirdre
(87) International Publication No	:WO 2012/112759	2)JONES Walter F.
(61) Patent of Addition to Application	:NA	3)ZEIN Abudi
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for collecting and analyzing operational information from a network of components associated with a liquid energy commodity comprises the steps of: (a) measuring an amount of the liquid energy commodity in storage at one or more storage facilities in the network and storing that measurement data; (b) determining a flow rate of the liquid energy commodity in one or more selected pipelines in the network and storing that flow rate data; (c) ascertaining an operational status of one or more processing facilities in the network and storing that operational status information; (d) analyzing the measurement data the flow rate data and the operational status information to determine a balance of the liquid energy commodity in the network or a selected portion thereof at a given time; and (e) communicating information about the balance of the liquid energy commodity to a third party market participant.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS OF FORMING POLYCRYSTALLINE COMPACTS CUTTING ELEMENTS AND EARTH BORING TOOLS

(31) Priority Document No(32) Priority Date	:E21B10/46,B24D18/00,B01J3/06 :13/032192 :22/02/2011 :U.S.A.	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :P.O. Box 4740 Houston Texas 77210 4740 U.S.A.
Filing Date	:PCT/US2012/025262 :15/02/2012	(72)Name of Inventor :1)DIGIOVANNI Anthony A.
(87) International Publication No	:WO 2012/115837	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods of forming a polycrystalline compact using at least one metal salt as a sintering aid. Such methods may include forming a mixture of the at least one metal salt and a plurality of grains of hard material and sintering the mixture to form a hard polycrystalline material. During sintering the metal salt may melt or react with another compound to form a liquid that acts as a lubricant to promote rearrangement and packing of the grains of hard material. The metal salt may thus enable formation of hard polycrystalline material having increased density abrasion resistance or strength. The metal salt may also act as a getter to remove impurities (e.g. catalyst material) during sintering. The methods may also be employed to form cutting elements and earth boring tools.

No. of Pages : 27 No. of Claims : 29

(21) Application No.7521/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

 (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 	:G01R15/18 :UD2011A000012 :31/01/2011 :Italy :PCT/EP2012/051491 :31/01/2012 :WO 2012/104270 :NA :NA :NA	 (71)Name of Applicant : 1)ELIWELL CONTROLS S.R.L. CON UNICO SOCIO Address of Applicant :Via dell'Industria 15, I-32010 Pieve D'Alpago Italy (72)Name of Inventor : 1)PATURZO Antonio
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(54) Title of the invention : DEVICE AND METHOD FOR MEASURING AN ALTERNATING VOLTAGE

(57) Abstract :

Measuring device, of the galvanic insulation type, to measure an alternating voltage (U1) of an electric mains line, comprising a measuring circuit (35), having a microcontroller, a supply circuit (33) able to supply the measuring circuit (35), and a transformer (T), having a primary winding powered by the mains sinusoidal voltage (U1), connected to said electric line, and a secondary winding with a voltage (U2), connected both to said measuring circuit (35) and also to said supply circuit (33). The supply circuit (33) and the measuring circuit (35) comprise respectively a first and a second full-wave rectifier elements (BRG,BRG), distinct from each other, wherein the second rectifier element (BRG1) is configured so as not to generate load effects on the secondary winding of the transformer (T), and the rectifier element (BRG) is loaded with a high value impedance (R).

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PUREE COMPOSITIONS HAVING SPECIFIC CARBOHYDRATE RATIOS AND METHODS FOR USING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) Name of priority country (33) Name of priority country (34) Priority Date (51) International Application No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (52) Divisional to Application NA NA 	1)NESTEC S.A. Address of Applicant :Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)SAVANT Vivek Dilip 2)HAILE Tesfalidet 3)IJMENEZ Frank Craig
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(57) Abstract :

Nutritional compositions containing carbohydrates for maximizing performance and methods for using same are provided. The nutritional compositions provide a refreshing and easy to consume composition that provides adequate amounts and types of nutrition to provide the body with proper fuel for performance. The performance may be, for example, p athletic, academic, or other performances requiring physical stamina and/or mental alertness. In an embodiment, the nutritional compositions are puree compositions including dextrose, dextrose polymers, crystalline fructose, corn syrup, and/or other grain/nut syrups including rice syrup, agave syrup, and/or palm syrup, and at least one pureed fruit and/or vegetable. The compositions have a carbohydrate fraction having glucose and fructose in a weight ratio from about 0.5:1 to about 5:1.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTACT ELEMENT AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification	:H01R13/03,H01R13/24,H01R43/16	(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(31) Priority Document No	:10 2011 005 655.6	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(32) Priority Date	:16/03/2011	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International	:PCT/EP2012/052198	1)RATTAY Bernd
Application No	:09/02/2012	2)KLETT Sascha
Filing Date		3)SCHNEIDER Jens
(87) International Publication	WO 2012/122105	4)SOYEZ Guido
No	. WO 2012/125195	5)STIER Joachim
(61) Patent of Addition to	:NA	6)WINKLER Peter
Application Number	:NA :NA	7)MAIER Rainer
Filing Date	.INA	8)JAEHNIG Gregor
(62) Divisional to	:NA	9)BUCHHOLZ Bastian
Application Number	:NA :NA	10)RUSS Sebastian
Filing Date	.INA	

(57) Abstract :

The invention indicates a contact element for making contact with a contact point (14) which is formed on a body (10), in particular a ceramic sensor element of a gas sensor, and which has a contact point-side element section (11) for bearing in a force-fitting manner on the contact point (14), a connection-side element section (12) for connection to an electrical connection conductor (15) and an intermediate section (13), which connects the two element sections (11, 12) to one another, for compensating for thermal expansions. In order to reduce the manufacturing costs, in particular by saving on expensive, heat-resistant material for the contact element and reducing the installation costs during subsequent installation, at least the contact point-side and the connection-side element sections (11, 12) are composed of different, cohesively connected materials with material properties which are matched to the functionality of the respective element section (11, 12).

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOVEL T	RIAZINE COMPOUNDS	
 (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 	:C07D413/00,A61K31/535 :179/DEL/2011 :25/01/2011 :India :PCT/IN2012/000055 :25/01/2012 :WO 2012/101654 :NA :NA	 (71)Name of Applicant : 1)SPHAERA PHARMA PTE. LTD Address of Applicant :8 Temasek Boulevard #22 03 Suntec Tower 3 Singapore 038988 Singapore (72)Name of Inventor : 1)DUGAR Sundeep 2)MAHAJAN Dinesh 3)DEOKAR Rhushikesh Chandraban 4)HOLLINGER Frank Peter 5)KAPOOR Kamal Kishore

(57) Abstract :

The present invention relates to novel triazine compounds of formula (1) methods of their preparation pharmaceutical compositions containing these compounds and the use of these compounds to treat proliferative disorders such as tumors and cancers and also other conditions and disorders related to or associated with dysregulation of PI3 Kinases PI3 Kinase pathway mTOR and/ or the mTOR pathway.

No. of Pages : 160 No. of Claims : 16

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SECURE MULTIPLY ACCUMULATE UNION SYSTEM COMPUTATION DEVICE SECURE MULTIPLY ACCUMULATE UNION METHOD AND PROGRAM THEREOF

 (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 	:G09C1/00 :2011053284 :10/03/2011 :Japan :PCT/JP2012/055974 :08/03/2012 :WO 2012/121333 :NA :NA :NA :NA	 (71)Name of Applicant : NIPPON TELEGRAPH AND TELEPHONE CORPORATION Address of Applicant :3 1 Otemachi 2 chome Chiyoda ku Tokyo 1008116 Japan (72)Name of Inventor : I)IKARASHI Dai 2)HAMADA Koki 3)CHIDA Koji
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(57) Abstract :

The efficiency of multiplication in secure function computation is increased to make the secret function computation faster than before. Three or more computing apparatuses cooperate to generate a secret value [r] of a random number r, perform secure function computation for secret values [Ao], ..., [An- 1] of arbitrary valuesAo, ..., An_ 1 by using a function f including addition and multiplication to compute concealed function values [C] : $[f([Ao], ..., [An- r])1, [C] : [r. f([A6], ..., [An_ r])1$, and compute a secret value [r . C - C]. If [r . C - C] is [0], [C] is output; otherwise, information indicating that tampering has been detected is output.

No. of Pages : 52 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification :H04W28/02 (71)Name of Applicant : (31) Priority Document No :61/454167 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date :18/03/2011 Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor : (33) Name of priority country :U.S.A. (86) International Application No 1)CARNERO ROS Roberto David :PCT/EP2011/062687 Filing Date 2)PANCORBO MARCOS Mara Beln :22/07/2011 (87) International Publication No :WO 2012/126534 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND APPARATUSES FOR TDF SESSION ESTABLISHMENT

(57) Abstract :

The present invention faces the issue of racing conditions occurring during the establishment of an IP CAN session in PCC architecture and a TDF session between a PCRF and a TDF of the PCC architecture. To overcome this issue the present invention provides for cooperating apparatuses carrying out a method of establishing a Traffic Detection Function TDF session in a Policy and Charging Control PCC architecture with a Policy and Charging control Rules Function PCRF a Policy and Charging Enforcement Function PCEF and a TDF the method comprising the steps of: signalling an IP CAN session establishment from a PCEF towards a PCRF; selecting at the PCRF a TDF for detecting and reporting traffic through the IP CAN session; initiating from the PCRF establishment of a TDF session with the TDF; submitting from the PCRF towards the TDF the ADC rules to be installed for the IP CAN session; and submitting from the PCRF towards the PCEF the PCC rules to be installed for the IP CAN session. This method thus ensures that the TDF session has been established before having completed the establishment of the IP CAN session.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR OPTICAL PATH VALIDATION IN AN OPTICAL NETWORK (51) International classification :H04J14/02 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :11158734.1 (32) Priority Date Address of Applicant :SE 164 83 Stockholm Sweden :17/03/2011 (33) Name of priority country (72)Name of Inventor : :EPO (86) International Application No **1)CAVIGLIA Diego** :PCT/EP2012/053333 Filing Date 2)BOTTARI Giulio :28/02/2012 (87) International Publication No :WO 2012/123249 **3)CECCARELLI Daniele** (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a method in a border node of an optical network and in an external optical channel originating apparatus and to a border node of an optical network and a router. The invention is particularly applicable to optical path validation in an optical network for an externally originating optical channel. The invention may be used during an optical path fault recovery operation. In the method in a border node of an optical network optical channel traffic parameter associated with an optical channel are received from an optical channel originator external to the optical network. The received optical channel traffic parameters are used to determine the suitability of at least one optical path within the optical network for an externally originating optical channel. If a suitable optical path is determined an optical channel availability message indicating the availability at the border node of an optical channel traffic parameters associated with an optical channel originating at the optical network the optical channel traffic parameters associated with an optical channel originating at the optical network for the optical channel traffic parameters associated with an optical channel originating at the optical channel originator are sent to a border node of the optical network. An optical channel availability message indicating the availability message indicating the availability at the optical network border node of an optical path within the optical channel availability at the optical channel originator are sent to a border node of an optical network. An optical channel availability message indicating the availability at the optical network border node of an optical path within the optical network for the optical channel with which the optical channel traffic parameters are associated is received from the border node. An available optical channel status of the optical channel is determined from the received optical channel availability message for the optical channel.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:B60N2/36	(71)Name of Applicant :
(31) Priority Document No	:10 2011 101 876.3	1)KEIPER GMBH & CO. KG
(32) Priority Date	:12/05/2011	Address of Applicant :Hertelsbrunnenring 2 67657
(33) Name of priority country	:Germany	Kaiserslautern Germany
(86) International Application No	:PCT/EP2012/001646	(72)Name of Inventor :
Filing Date	:17/04/2012	1)TEUFEL Ingo
(87) International Publication No	:WO 2012/152363	2)SCHUMANN Kai
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(53) 11		

(54) Title of the invention : LOCKING SYSTEM

(57) Abstract :

The invention relates to a locking system for a vehicle seat for locking to a vehicle structure of a vehicle and comprising a backrest able to be folded from a normal position into a folded position a locking device (6) located on said backrest and a catch (11) that can be pivoted between a locking position and an unlocking position and can be pivotally driven by both a manually pivotable unlocking element and an actuation device (8) arranged on the vehicle structure (5). When the backrest is in the normal position a counter element that is arranged on the vehicle structure (5) is locked to the locking device (6) by the catch (11). Said actuation device (8) has a control lever (18) that can be moved between a locking position and an unlocking position said control lever (18) being functionally connected to the unlocking element when the backrest is in the normal position and the control lever (18) is in the locking position. By moving the control lever (18) out of its locking position and into its unlocking position and the backrest has been moved from the folded position into the normal position there is no functional connection between the control lever (18) and the unlocking element.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHT EMITTING DIODE SOURCE OF WHITE LIGHT WITH A REMOTE PHOSPHOR CONVERTER

(51) International classification	:F21S13/00,F21K2/00,F21V7/22	(71)Name of Applicant :
(31) Priority Document No	:2011105809	1)ZAKRYTOE AKTSIONERNOE OBSCHESTVO
(32) Priority Date	:17/02/2011	NAUCHNO PROIZVODSTVENNAYA
(33) Name of priority country	:Russia	KOMMERCHESKAYA FIRMA ELTAN LTD
(86) International Application No.	o:PCT/RU2012/000025	Address of Applicant :Zavodskoy proezd 2 Fryazino
Filing Date	:23/01/2012	Moskovskaya obl. 141190 Russia
(87) International Publication No	:WO 2012/112073	(72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)ULASYUK Vladimir Nikolaevich
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to sources of white light on the basis of semiconductor light-emitting diodes with remote phosphor converters. Subject of the invention: a lamp comprises a heatdissipating base with a radiation exit opening, and light-emitting diodes fixed over the periphery of the opening, with, arranged in series at a distance from said light-emitting diodes, a radiation converter in the form of a concave layer of phosphor material, the cavity of which is turned towards the light-emitting diodes and the exit opening. As primary radiation from the light-emitting diodes is incident on the surface of the converter, a white light formed as a result of the reflected primary radiation and the secondary radiation of the phosphor material mixing exits into the opening in the heat-dissipating base, while white light formed as a result of the primary radiation passing through the converter and the secondary radiation of the phosphor material. The concave surface of the converter can be in the form of a truncated ellipsoid of revolution, in particular a sphere, or a paraboloid, with a main axis perpendicular to the plane of the opening in the heat-dissipating base, or a cylinder which is truncated by the plane of the exit opening.

No. of Pages : 31 No. of Claims : 13

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : OVERHEAT PROTECTION MECHANISM FOR SOLAR THERMAL COLLECTOR

 (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 	:F24J2/04,F24J2/26,F24J2/32 :61/442849 :15/02/2011 :U.S.A. :PCT/IB2012/050559 :08/02/2012 :WO 2012/110916 :NA :NA	 (71)Name of Applicant : 1)TIGI LTD. Address of Applicant :P.O.Box 105 49945 Neve Yarak Israel (72)Name of Inventor : 1)KLIER Shimon
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An overheat protection device (OPD) is implemented independently of the circulating system of a solar thermal collector and isolated from the environment. The system facilitates operation of a solar thermal collector at elevated internal temperatures (versus reducing or ceasing operation above a critical temperature). OPD includes a heat pipe filled with at least two fluids. In a non heat conducting state a temperature at an evaporator portion of the heat pipe is below a transition temperature and the dual fluid includes at least one fluid in a liquid state and at least one fluid in a gaseous state. When the temperature at the evaporator is above the pre defined transition temperature the OPD undergoes an abrupt transition to a heat conducting state whereby the dual fluid transfers heat from the evaporator area to the condenser area thus transitioning from a state of thermal isolation from an environment to one of strong thermal coupling.

No. of Pages : 40 No. of Claims : 29

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF GLYCOPYRROLATE FOR TREATING TACHYCARDIA

 (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 (57) Abstract i 	:A61K31/40,A61K31/167,A61K31/4704 :1103770.2 :04/03/2011 :U.K. :PCT/GB2012/050478 :05/03/2012 :WO 2012/120284 :NA :NA :NA	 (71)Name of Applicant : 1)SOSEI R&D LTD Address of Applicant :2 Royal College Street London NW1 (NH U.K. (72)Name of Inventor : 1)SNAPE Susan 2)TANSLEY Robert
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(57) Abstract :

The invention relates to a novel use of the antimuscarinic agent glycopyrrolate for example the salt glycopyrronium bromide. In particular the invention relates to glycopyrrolate for use as a heart rate lowering agent and more particularly but not exclusively for use in patients suffering from respiratory conditions such as chronic obstructive pulmonary disease.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : BARRIER LAYERS COMPRISING NI INCLUSIVE TERNARY ALLOYS COATED ARTICLES INCLUDING BARRIER LAYERS AND METHODS OF MAKING THE SAME

 (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 	:C03C17/36 :13/064,064 :03/03/2011 :U.S.A. :PCT/US2011/001748 :12/10/2011 :WO 2012/118471 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GUARDIAN INDUSTRIES CORP. Address of Applicant :2300 Harmon Road Auburn Hills MI 48326 U.S.A. (72)Name of Inventor : 1)IMRAN Muhammad 2)DISTELDORF Bernd 3)FRANK Marcus 4)BLACKER Richard
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(57) Abstract :

Certain example embodiments relate to Ni-inclusive ternary alloy being provided as a barrier layer for protecting an IR reflecting layer comprising silver or the like. The provision of a barrier layer comprising nickel, chromiym, and/or molybdenum and/or oxides thereof may improve corrosion resistance, as well as chemical and mechanical durability. In certain examples, more than one barrier layer may be used on at least one side of the layer comprising silver. In still further examples, a NixCryMo2-based layer may be used as the functional layer, rather than or addition to as a barrier layer, in a coating.

No. of Pages : 48 No. of Claims : 26

(21) Application No.7544/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:B64C1/14	(71)Name of Applicant :
(31) Priority Document No	:13/041,471	1)PPG INDUSTRIES OHIO INC.
(32) Priority Date	:07/03/2011	Address of Applicant :3800 West 143rd Street Cleveland Ohio
(33) Name of priority country	:U.S.A.	44111 U.S.A.
(86) International Application No	:PCT/US2012/022890	(72)Name of Inventor :
Filing Date	:27/01/2012	1)DEGANIS Luis E.
(87) International Publication No	:WO 2012/121813	2)SONG Di
(61) Patent of Addition to Application	:NA	3)STEWART Sherman D.
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(54) Title of the invention : HOOP LOAD BEARING AIRCRAFT TRANSPARENCY

(57) Abstract :

An aircraft transparency includes a first ply having a first major surface and a second major surface. A second ply is spaced from the first ply and has a third major surface and a fourth major surface. A polymeric interlayer is located between the first and second plies. At least one bore extends through the first and second plies and the interlayer. A high strength bushing is located in the bore with an outer sidewall of the bushing in direct contact with the material of the first and second plies. In one embodiment the bore is a tapered bore and the bushing has a tapered outer sidewall. In another embodiment the bore is a cylindrical bore and the bushing has a cylindrical outer sidewall.

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

(21) Application No.7546/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : COIL ASSEMBLY FOR THREE PHASED TRANSVERSE AXIAL FLUX MULTI DISK MACHINES

 (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 	:20110441 :24/03/2011 :Norway :PCT/NO2012/050051 :23/03/2012 :WO 2012/128646 :NA :NA :NA	 (71)Name of Applicant : 1)GREENWAY ENERGY AS Address of Applicant :P.O. Box 1226 Pirsenteret N 7462 Trondheim Norway (72)Name of Inventor : 1)BRENNVALL Jon Eirik
Filing Date	:NA	

(57) Abstract :

This patent describes a coil assembly for a three phased permanent magnet (PM) iron free axial flux multi disc electric machine. The coil assembly is assembled from coil elements (15) made of flat wire (9) and then machined so they can be assembled into a flat disk. The coil elements (15) can further be inserted into a frame (22) and the coil elements (15) can be connected by wires (29) which do not cross each other.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

 (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 	:H02J7/02,H01M10/48 :2011-065367 :24/03/2011 :Japan :PCT/JP2011/070545 :02/09/2011 :WO 2012/127712 :NA :NA	 (71)Name of Applicant : 1)NEC Infrontia Corporation Address of Applicant :2 6 1 Kitamikata Takatsu ku Kawasaki shi Kanagawa 2138511 Japan (72)Name of Inventor : 1)IBE Yukiyasu 2)HAMADA Teppei 3)SATOH Taeko 4)SASAKI Takeshi 5)MIYAJI Takeshi
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : INFORMATION PROCESSING DEVICE

(57) Abstract :

An information processing device capable of easily obtaining the number of charging and discharging times of each of a plurality of secondary battery packs is equipped with a charging and discharging execution unit (21, 22, 23) having the following configuration. That is, the charging and discharging execution unit (21, 22, 23) obtains the number of charging and discharging times of each of a plurality of secondary battery packs (11, 12, 13) on the basis of: the number of times when the fully charged state of the secondary battery packs has been detected during charging of the secondary battery packs; the number of times when an intermediate state has been detected in which the state of charge of the secondary battery packs becomes equal to a predetermined value between the maximum state-of-charge value in the fully charged state and the zero state of charge during discharging of the secondary battery packs; and the number of times when a near zero state-of-charge has been detected in which the state of charge of the secondary battery packs becomes equal to a near zero value nearer to the zero state of charge than to the predetermined value during discharging of the secondary battery packs.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ANDROSTANEDIOL DERIVATIVES AS PLANT GROWTH REGULATOR COMPOUNDS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number State State St	1104199.3 11/03/2011 U.K.	 (71)Name of Applicant : SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor : JUNG Pierre Joseph Marcel LOUW GAUME Anna Elizabeth DE MESMAEKER Alain LACHIA Mathilde Denise
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(57) Abstract :

The present invention relates to novel androstan derivatives methods for their production and their use for influencing plant growth.

No. of Pages : 34 No. of Claims : 10

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : A CATHETER ASSEMBLY

(86) International:PCT/DK2012/050080Application No:16/03/2012(87) International:WO 2012/126474Publication No:WO 2012/126474(61) Patent of Addition to:NAApplication Number:NAFiling Date:NA(62) Divisional to:NAApplication Number:NAFiling Date:NAin the second to th	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:18/03/2011 :Denmark :PCT/DK2012/050080 :16/03/2012 :WO 2012/126474 :NA :NA :NA	 (71)Name of Applicant : 1)COLOPLAST A/S Address of Applicant :Holtedam 1 DK 3050 Humlebaek Denmark (72)Name of Inventor : 1)TANGHOEJ Allan
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(57) Abstract :

A catheter assembly (1) comprising a catheter (8) having a proximal end (10) adapted to be inserted into a bodily cavity and a distal end (11) having a drainage outlet (13) a catheter package (2) having a cavity for accommodating the catheter and an opening for withdrawing the catheter from the package and extracting means (17) that are coupled to the catheter for extracting the distal end of the catheter out of the package.

No. of Pages : 16 No. of Claims : 12

(21) Application No.7551/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : COUPLING FOR CONNECTING TUBULAR ELEMENTS FOR BOTTOM HOLE ASSEMBLIES (51) International classification :E21B17/02,F16L15/00 (71)Name of Applicant : (31) Priority Document No :PI1102442-9 1)VALLOUREC MANNESMANN OIL & GAS FRANCE (32) Priority Date :06/05/2011 Address of Applicant :54 rue Anatole France F 59620 Aulnove (33) Name of priority country :Brazil Avmeries France (86) International Application No :PCT/EP2012/058141 (72)Name of Inventor : Filing Date **1)AMES Jochen Peter** :03/05/2012 (87) International Publication No :WO 2012/152657 2)CARDOSO Alexandre Vieira (61) Patent of Addition to Application 3)DA SILVA Julio Csar :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The coupling comprises a tubular body with two ends of the body each provided with a portion of internal threading (14) for joining to a tubular element the tubular body further comprising a central portion separating the two ends each provided with a portion of threading (14) and having a wall thickness greater than the wall thickness of the ends of the body. More precisely this coupling comprises an extension segment (18) that extends from one of the ends of the tubular body after the portion of internal threading (14) said extension segment having the same outside diameter as that of the tubular body and an inside diameter greater than or equal to that of the portion of internal threading. Moreover the extension segment (18) comprises a housing (12) provided with an opening onto an external surface of the coupling in which an electronically responsive identification tag is housed.

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

(21) Application No.7552/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR SEPARATING SOLID PARTICLES FROM LIQUIDS AND USE THEREOF

 (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 	:B01D29/11,B01D29/39 :1262/11 :28/07/2011 :Switzerland :PCT/CH2012/000061 :15/03/2012 :WO 2013/013327 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DRM DR. MLLER AG Address of Applicant :Alte Landstrasse 415 CH 8708 Mnnedorf Switzerland (72)Name of Inventor : 1)SCHUMACHER Ivo
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(57) Abstract :

The invention relates to a device for separating solid particles from liquids, comprising a pressure vessel (2) and one or more filter element registers having filter elements (1, 1) arranged in suspension on a horizontal filtrate discharge pipe (3). In said device, the filter elements (1, 1) consist of a substantially flat support mesh (4), a completely enclosed filter medium (5) and spacers (6) suspended therebetween. The spacers (6) suspended between the filter elements enable the space between the filter elements (1, 1) to be reduced to a necessary minimum without the function of the filter being impaired.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DECONFLICTION OF GUIDED AIRBORNE WEAPONS FIRED IN A SALVO

 (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 	:PCT/US2012/020327 :05/01/2012	 (71)Name of Applicant : 1)RAYTHEON COMPANY Address of Applicant :870 Winter Street Waltham Massachusetts 02451 1449 U.S.A. (72)Name of Inventor : 1)BISWELL Brian L.
Number Filing Date	:NA :NA	

(57) Abstract :

Guided airborne weapons fired in a salvo against multiple targets are deconflicted by performing a scene correlation of multiple cued targets to target like objects (TLOs) to track a target package. Target cues for a common designated target and a common SAL code may be provided to each weapon. Each weapon processes a SAL return to verify the common SAL code and augment its scene correlation by fixing the TLO track file of the common designated target to the cued track file. At terminal each weapon commits to a particular target by referencing its assigned target to the tracked target package. Correlation to multiple targets in the target package reduces targeting ambiguity. Furthermore a single SAL designation can improve the tracking of all the weapons to their respective targets.

No. of Pages : 38 No. of Claims : 25

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : MOLDED BODY COMPRISING FIBER REINFORCING COMPOSITE MATERIAL

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C08J5/04,B29C43/34,B29C70/10 :2011041684 :28/02/2011 :Japan :PCT/JP2011/070313 :31/08/2011	1)TEIJIN LIMITED Address of Applicant :6 7 Minamihommachi 1 chome Chuo ku Osaka shi Osaka 5410054 Japan (72)Name of Inventor : 1)YAGI Yutaka
Filing Date (87) International Publication No	:WO 2012/117593	2)SUGIYAMA Toru 3)KONDO Yutaka 4)TANIGUCHI Michiharu
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)KONAGAI Yuhei 6)FURUKAWA Ikkou
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The purpose of the present invention is to provide a lightweight molded body with a degree of freedom of shape comprising a fiber reinforcing composite material including reinforcing fibers and a thermoplastic resin. The present invention is a molded body that exhibits excellent isotropy and comprises a fiber reinforcing composite material with discontinuous reinforcing fibers that are oriented in two dimensions with in plane isotropy in the thermoplastic resin. The molded body is characterized in that reinforcing fiber bundles (A) are configured from an amount of reinforcing fibers above the critical thread count as defined in general formula (1). The molded body is further characterized in that the proportion of reinforcing fiber bundles (A) to the total amount of reinforcing fibers is equal to or higher than 20 vol% and less than 90 vol% and that the average number of fibers (N) in the reinforcing fiber bundles (A) satisfies general formula (2). Critical thread number = 600/D (1) 0.7x10 4/D2 < N < 1 < 1x10 5/D2(2) (Here D is the average fiber diameter (μ m) of the reinforcing fibers.)

No. of Pages : 47 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 02/01/2015

 (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 	:A61F2/16 :2006307 :28/02/2011 :Netherlands :PCT/NL2012/050115 :27/02/2012 :WO 2012/118371 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OCULENTIS HOLDING B.V. Address of Applicant :Kollergang 9 NL 6961 LZ Eerbeek Netherlands (72)Name of Inventor : 1)WANDERS Bernardus Franciscus Maria
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(54) Title of the invention : OPHTHALMIC LENS HAVING ENHANCED OPTICAL BLENDING ZONE

(57) Abstract :

An intraocular lens with a lens comprises a main lens part having a main lens surface and a main optical axis defining radial tangential and axial directions; and a recessed part having a recess surface and extending between said main optical axis and a circumference of said lens the recessed part comprising a secondary lens part with a secondary lens surface having a positive relative optical power with respect to an optical power of said main lens surface. The main lens surface extends in an outward radial direction towards a main lens outer circumference section remote from said the optical axis. The main lens outer circumference section and the main lens surface define an imaginary main lens outer circumference section in case the recessed part would have been absent; and an imaginary main lens surface in case said recessed part would have been absent the recess surface being recessed with respect to the imaginary main lens surface section. The recessed part would have been absent the recess surface being recessed with respect to the imaginary main lens surface section. The recessed part extends in an outward radial direction to an outer recess boundary remote from said main optical axis the outer recess boundary extending along or beyond said imaginary main lens outer circumference section as seen in an outward radial direction.

No. of Pages : 49 No. of Claims : 23

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : INJECTION DEVICE MOLDING MACHINE AND METHOD FOR CONTROLLING INJECTION DEVICE

 (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 	:B29C45/50,B29C45/77 :2011-061539 :18/03/2011 :Japan :PCT/JP2012/056746 :15/03/2012 :WO 2012/128185 :NA :NA :NA :NA	 (71)Name of Applicant : 1)Toshiba Kikai Kabushiki Kaisha Address of Applicant :2 2 Uchisaiwaicho 2 chome Chiyoda ku Tokyo 1008503 Japan (72)Name of Inventor : 1)INAMI Harunobu 2)MORI Keisuke
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(57) Abstract :

An injection device (13) is provided with: a stationary side frame (40) for supporting a barrel (41) which is an example of an injection unit; a movable side frame (43) for rotatably supporting a screw (42) which is an example of an extrusion member; a pair of ball screws (61 66); and injection drive mechanisms (51 52) comprising servomotors (60 65) for rotating the ball screws (61 66). A force detector (80) such as a load cell is provided between the first ball screw (61) and the movable side frame (43). A dummy member (81) is provided between the second ball screw (66) and the movable side frame (43). A control unit (14) controls the first injection drive mechanism (51) on the basis of the output from the force detector (80) and controls the second injection drive mechanism (52) on the basis of the output from the force detector (80) and the calculation made taking into account the respective spring constants of the force detector (80) and the dummy member (81).

No. of Pages : 47 No. of Claims : 7

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ISOXAZOLE DERIVATIVES

 classification (31) Priority Document No:00407. (32) Priority Date :10/03/ (33) Name of priority country (86) International Application No Filing Date (87) International 	413/14,C07D419/04,A01N43/90 //11 /2011 erland EP2012/054161	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)GAUVRY No«lle 2)NANCHEN Steve
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(57) Abstract :

The invention relates to new isoxazoline compounds of formula (I) wherein the variables have the meaning as indicated in the claims; in free form and in salt form; and optionally the enantiomers and geometrical isomers thereof. The compounds of formula (1) are useful in the control of parasites in particular ectoparasites in and on vertebrates.

No. of Pages : 55 No. of Claims : 18

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : CYCLIC SULFONIUM SALT PROCESS FOR PRODUCTION OF SAME AND A GLUCOSIDASE INHIBITOR COMPRISING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International 	:C07D333/46,A23L1/30,A61K31/381 :2011018442 :31/01/2011 :Japan :PCT/JP2012/052174 :31/01/2012	 (71)Name of Applicant : 1)Kinki University Address of Applicant :3 4 1 Kowakae Higashiosaka shi Osaka 5770818 Japan 2)Diabetym Co. Ltd. (72)Name of Inventor : 1)MURAOKA Osamu 2)TANABE Genzoh
Publication No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a novel cyclic sulfonium salt compound which is useful for the prevention or treatment of diabetes and the like. The present invention relates to a novel cyclic sulfonium salt compound represented by general formula (I) or (II), an isomer or solvate of the compound, or a pharmaceutically acceptable salt of the compound or the isomer or solvate. The present invention also relates to an a-glucosidase inhibitor, a pharmaceutical composition for preventing or treating diabetes, and an anti-diabetes food, each of which comprises the compound represented by general formula (I) or (II) and the like.

No. of Pages : 92 No. of Claims : 9

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF CELLULASE AND GLUCOAMYLASE TO IMPROVE ETHANOL YIELDS FROM FERMENTATION

 (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 	:61/481094 :29/04/2011 :U.S.A. :PCT/US2012/035393 :27/04/2012 :WO 2012/149275	 (71)Name of Applicant : 1)DANISCO US INC. Address of Applicant :925 Page Mill Road Palo Alto CA 94304 U.S.A. (72)Name of Inventor : 1)LI Mian 2)MITCHINSON Colin
11		
0		,
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved saccharification process comprises the use of a glucoamylase and at least one cellulase. The improved saccharification process results in improved yields of fermentations products, such as ethanol. In one embodiment, the improved saccharification process results in an increased yield of up to 0.5% to 1% ethanol using commercially available cellulases. Also provided are improved simultaneous saccharification and fermentation (SSF) processes, and compositions comprising a liquefied starch slurry, a glucoamylase, and a cellulase.

No. of Pages : 38 No. of Claims : 21

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification :A46B11/00 (71)Name of Applicant : (31) Priority Document No 1)COLGATE PALMOLIVE COMPANY :NA (32) Priority Date Address of Applicant :300 Park Avenue New York New York :NA (33) Name of priority country :NA 10022 U.S.A. (86) International Application No :PCT/US2011/030172 (72)Name of Inventor : Filing Date 1)BOYD Thomas J. :28/03/2011 (87) International Publication No :WO 2012/134438 2)KENNEDY Sharon (61) Patent of Addition to Application **3)GATZEMEYER John J.** :NA Number 4)JIMENEZ Eduardo J. :NA Filing Date 5)ROONEY Michael C. (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : ORAL CARE IMPLEMENT HAVING ROLL ON APPLICATOR

(57) Abstract :

A fluid dispensing oral care implement (100). In one aspect the oral care implement comprises a body (105) comprising a handle

(120) a head (110) coupled to the handle and an internal cavity (140 150) containing an oral care material; and a roll on applicator (130) rotatably mounted to the body such that the oral care material is delivered from the internal cavity to an exposed portion of the roll on applicator (130) due to rotation of the roll on applicator.

No. of Pages : 32 No. of Claims : 30

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : VIDEO IMAGE ENCODING METHOD AND VIDEO IMAGE DECODING METHOD (51) International classification :H04N7/32 (71)Name of Applicant : (31) Priority Document No 1)KABUSHIKI KAISHA TOSHIBA :NA (32) Priority Date Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokvo :NA (33) Name of priority country 1058001 Japan :NA (86) International Application No :PCT/JP2011/055504 (72)Name of Inventor : Filing Date **1)SHIODERA** Taichiro :09/03/2011 (87) International Publication No :WO 2012/120661 2)TANIZAWA Akiyuki (61) Patent of Addition to Application **3)YAMAKAGE Tomoo** :NA Number 4)CHUJOH Takeshi :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

According to one embodiment, disclosed is a method of dividing an input image signal into pixel blocks, and performing interprediction on the divided pixel blocks. This method includes selecting predicted motion information from a motion information buffer storing motion information in an encoded region, and predicting motion information of an encoding target block by using the predicted motion information. The method further includes acquiring representative motion information from a plurality of items of motion information in an encoded region in accordance with first information indicating a method of selecting the predicted motion information, thereby obtaining only the representative motion information.

No. of Pages : 111 No. of Claims : 20

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : CENTRAL WATERWORKS MONITORING AND CONTROLLING DEVICE WATERWORKS MONITORING AND CONTROLLING SYSTEM AND WATERWORKS MONITORING AND CONTROLLING PROGRAM

(51) International classification	:E03B1/00,G06Q50/06	(71)Name of Applicant :
(31) Priority Document No	:2011-063341	1)HITACHI LTD.
(32) Priority Date	:22/03/2011	Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008280 Japan
(86) International Application No	:PCT/JP2012/054539	(72)Name of Inventor :
Filing Date	:24/02/2012	1)ADACHI Shingo
(87) International Publication No	:WO 2012/127977	2)KAWARABAYASHI Masaru
(61) Patent of Addition to Application	:NA	3)TAKAHASHI Shinsuke
Number		4)SATO Tatsuhiro
Filing Date	:NA	5)YASUTOMI Hiroyoshi
(62) Divisional to Application Number	:NA	6)TADOKORO Hideyuki
Filing Date	:NA	•

(57) Abstract :

Provided is a central waterworks monitoring and controlling device whicn is capable of taking into account the nonlinearity and multivaluednes so fan amount of flow and a cost, and, by using cost calculation with a suppressed calculation load, makes a waterworks operation plan and performs facility control such that the operation cost is minimized. A central waterworks monitoring and controlling device for controlling a water conveying and distributing pump facility or the like comprises: an equipment characteristics storage unit for storing the equipment characteristics of each pump; a control rule storage unit for storing an operation method, etc. of the facility to be controlled; a cost model constructing unit for constructing a cost model on the basis of the stored equipment characteristics and the control rule; a cost calculation unit for estimating the operation cost of waterworks operation plan data by using the cost model; an operation plan optimization unit for creating water works operation plan data minimizing the operation cost estimated by the cost calculation unit; and a communication unit for transmitting the optimum operation plan data to the facility to be controlled.

No. of Pages : 74 No. of Claims : 8

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PERCUTANEOUS POWER DELIVERY SYSTEM FOR PERMANENTLY IMPLANTED MEDICAL DEVICES AND MANUFACTURING METHOD

(31) Priority Document No(32) Priority Date	:A61N1/375,A61N1/05,A61M1/10 :1150638 :27/01/2011 :France	 (71)Name of Applicant : 1)PLUGMED HEART Address of Applicant :70 Route De Lyons la foret Seine Biopolis F 76000 Rouen France
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2012/051373 :27/01/2012 :WO 2012/101267	 (72)Name of Inventor : 1)SABIN Pierre 2)QUELENN Pierre Yves
No (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 permanent percutaneous electric connection device intended to be fixed in an osseous structure of a patient to electrically connect an internal entity (150) located inside the body of the patient to an entity external to said body. The device encloses electric connection means running from a first connector to be connected to the external entity to a second connector to be connected to the internal entity. The device has an extension member (120) extending from a socket of the first connector. The extension member is designed for full osseous burial into the osseous structure with its free end (121) being substantially flush with the surface of said osseous structure. The device also comprises an electric connection member (130) comprising the second connector securely fastened to the free end of the extension member (120).

No. of Pages : 44 No. of Claims : 30

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SITE DIRECTED MONO SUBSTITUTED PEGYLATED EXENDIN ANALOG AND PREPARATION METHOD THEREFOR

 (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 	:C0/K1/06,C0/K14/3/3,A61K38/22 :201110078314.X :30/03/2011 :China :PCT/CN2012/071910 :05/03/2012 ¹ :WO 2012/130015 :NA :NA :NA	 (71)Name of Applicant : 1)SHANGHAI HUAYI BIO LAB CO. LTD. Address of Applicant :No. 916 Ziping Road Shuimen Group 3 Hongqiao Zhoupu Pudong New Area Shanghai 200235 China (72)Name of Inventor : 1)YUE Peng
Filing Date	:NA	

(57) Abstract :

Disclosed are a PEGylated compound obtained by site-directed mono -substitution of any amino group in the structure of an Exendin analog, a preparation method therefor, and a use thereof. In the present invention, a stable protection group Dde (N-a- 1-(4,4-dimethyl-2,6-dioxocyclohexylidene)ethyl) is used, so that multi- substitution side reactions caused by the use of a labile protection group can b e avoided, and preparation of the mono -substituted PEGylated Exendin analog with a high yield at a low reaction molar ratio can b e achieved.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : HIGHLY SATURATED NITRILE RUBBER COMPOSITION AND CROSSLINKED RUBBER

(51) International classification	n:C08L9/02,C08F236/12,C08K5/14	(71)Name of Applicant :
(31) Priority Document No	:2011-077180	1)ZEON CORPORATION
(32) Priority Date	:31/03/2011	Address of Applicant :6 2 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008246 Japan
(86) International Application No Filing Date	:PCT/JP2012/058308 :29/03/2012	(72)Name of Inventor :1)NAKASHIMA Tomonori2)SAKAMOTO Masato
(87) International Publication No	:WO 2012/133618	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A highly saturated nitrile rubber composition which comprises (A1) a carboxyl containing highly saturated nitrile rubber that comprises 15 to 60wt% of a ethylenically unsaturated nitrile monomer units and 1 to 60wt% of a ethylenically unsaturated dicarboxylic acid monoester units and that has an iodine number of 120 or less (A2) a highly saturated nitrile rubber that comprises 15 to 60wt% of a ethylenically unsaturated nitrile monomer units and that has a content of a ethylenically unsaturated dicarboxylic acid monoester units of 0.9wt% or less and an iodine number of 120 or less and (B) a polyamide resin and in which the content ratio of the carboxyl containing highly saturated nitrile rubber (A1) to the highly saturated nitrile rubber (A2) is 2:98 to 98:2 by weight.

No. of Pages : 43 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS FOR DETECTING THE FLIGHT PATH OF PROJECTILES

(51) International classification	:G01S13/50,G01S13/72	(71)Name of Applicant :
(31) Priority Document No	:10 2011 012 680.5	1)EADS DEUTSCHLAND GMBH
(32) Priority Date	:01/03/2011	Address of Applicant : Willy Messerschmitt Strasse 1 85521
(33) Name of priority country	:Germany	Ottobrunn Germany
(86) International Application No	:PCT/DE2012/000209	(72)Name of Inventor :
Filing Date	:29/02/2012	1)SCHNEIDER Robert
(87) International Publication No	:WO 2012/116689	2)WEISS Georg
(61) Patent of Addition to Application	:NA	3)GRNER Wilhelm
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

The invention relates to methods for detecting the flight path of projectiles, wherein a sequence of N target detections comprising the measured velocities vn d(tn) and azimuthal angle bearings (t) of the projectile are detected along the flight path of the projectile by means of Doppler radar at the times t, wherein n = 1...N, and the flight path and the direction of motion of the projectile are determined from said measurements, wherein the measurements vn d(tn) are adapted in a first nonlinear parameter fit to an analytical relationship of the time curve of the radial velocity vra (t) of the projectile while the projectile passes through the detection rnge of the radar and thus the quantities; V0 : absolute projectile velocity, d : minimum distance of the project flight path o from the radar, td : time at which the projectile passes the point having the minimum distance d, αo : flight path direction in azimuth, and $\epsilon 0$: flight path direction are (optionally) estimated.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) Intermetional algorithmation	:G06F 17/30	(71)Nome of Applicant .
(51) International classification	10000	(71)Name of Applicant :
(31) Priority Document No	:60/536,937	1)Hillcrest Laboratories, Inc.
(32) Priority Date	:16/01/2004	Address of Applicant :Suite 450, 15245 Shady Grove Road,
(33) Name of priority country	:U.S.A.	Rockville, MD 20850, USA U.S.A.
(86) International Application No	:PCT/US2005/001323	(72)Name of Inventor :
Filing Date	:18/01/2005	1)ISRAEL, Bruce
(87) International Publication No	: NA	2)GRITTON, Charles, W., K.
(61) Patent of Addition to Application	:NA	3)HUNLETH, Frank, A.
Number		4)SCHEIREY, Stephen
Filing Date	:NA	5)SIMPKINS, Daniel, S.
(62) Divisional to Application Number	:4024/DELNP/2006	6)STONER, Ryan
Filed on	:12/07/2006	7)WANG, Yizhong

(54) Title of the invention : METADATA BROKERING SERVER AND METHODS

(57) Abstract :

Exemplary embodiments of the present invention provide methods and systems for supplying rich multimedia metadata usable to generate, e.g., sophisticated entertainment user interfaces in the home. These methods and systems can be implemented as a serverbased software application that feeds multiple, diverse clients. The server functionality could be distributed, even co-located physically with one or more clients, or centralized. The server aggregates, filters, validates, augments and links metadata from disparate sources. The server transforms the metadata into a more manageable and extensible internal format. The server communicates with client devices using a schema-independent protocol, providing metadata in the appropriate format that suites the clients needs

No. of Pages : 49 No. of Claims : 29

(21) Application No.7577/DELNP/2013 A

(22) Date of filing of Application :29/08/2013

(54) Title of the invention : SURGICAL INSTRUMENTS WITH ARTICULATABLE AND ROTATABLE END EFFECTOR

 (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 	:A61B17/29,A61B17/072 :13/048,579 :15/03/2011 :U.S.A. :PCT/US2012/028925 :13/03/2012 :WO 2012/125635 :NA :NA	 (71)Name of Applicant : ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor : MOLLERE Rebecca J. SCHEIB Charles J. BOUDREAUX Chad P. VENDELY Michael J. ZINGMAN Aron O. SWAYZE Jeffrey S. WORRELL Barry C. VOLZ Janna B. SCHUCKMANN John C. OCONNOR Megan A.
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(57) Abstract :

Hand-held surgical instruments that have and end effector attached to an elongate shaft are disclosed. The end effector is articulatable and rotatable relative to the shaft by a nozzle arrangement supported by a handle from which the elongate shaft extends. In various embodiments, the nozzle is operable by the same hand that is used to support the handle.

No. of Pages : 79 No. of Claims : 22

(21) Application No.7578/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SURGICAL INSTRUMENTS WITH LOCKABLE ARTICULATING END EFFECTOR

 (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 	:A61B17/29,A61B17/072 :13/048,566 :15/03/2011 :U.S.A. :PCT/US2012/028894 :13/03/2012 :WO 2012/125618 :NA :NA	 (71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor : 1)SCHUCKMANN John C. 2)SWAYZE Jeffrey S. 3)SCHEIB Charles J.
		3)SCHEIB Charles J.
() I I I I I I I I I I I I I I I I I I I	:NA	
Filing Date	:NA	

(57) Abstract :

Hand-held surgical instruments that have and end effector attached to an elongate shaft are disclosed. The end effector has at least a portion that is movable in response to opening and closing motions applied thereto by a closure member. An articulation control system is provided to articulate the end effector relative to the shaft. An articulation locking system is provided to lock the end effector in a desired articulated position. The locking system interfaces with the closure member and is activated upon application of a closure motion to the end effector.

No. of Pages : 76 No. of Claims : 20

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TWO PHASE STAINLESS STEEL EXHIBITING EXCELLENT CORROSION RESISTANCE IN WELD

 (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 	:PCT/JP2012/056154 :09/03/2012 :WO 2012/121380 :NA :NA	 (71)Name of Applicant : 1)Nippon Steel & Sumikin Stainless Steel Corporation Address of Applicant :6 1 Otemachi 2 chome Chiyoda ku Tokyo 1000004 Japan (72)Name of Inventor : 1)OIKAWA Yusuke 2)TSUGE Shinji 3)INOUE Hiroshige 4)MATSUHASHI Ryo
e	:NA :NA	

(57) Abstract :

A nitrogen-rich two-phase stainless steel that has corrosion resistance equal to that of standard type of two-phase stainless steel and is not susceptible to corrosion in a welding heat-affected part, wherein the austenite phase area ratio is 40-70%, the PI value expressed by formula (1) is 30-38, the NI value expressed by formula (2) is 100-140, and the ypre expressed by formula (3) is 1350-1450. (1) PI=Cr+3. 3Mo+16N (2) NI=(Cr+Mo)/N

No. of Pages : 38 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BLADELESS	STRIPPING DEVICE	
 (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 	:H02G1/12 :13/077,363 :31/03/2011 :U.S.A. :PCT/US2012/029762 :20/03/2012 :WO 2012/134879 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CORNING CABLE SYSTEMS LLC Address of Applicant :800 17th Street NW Hickory North Carolina 28602 U.S.A. (72)Name of Inventor : 1)DE JONG Michael 2)SCHERER Gregory J 3)SCHWARTZ Howard C 4)STRAUSE Craig A

(57) Abstract :

A bladeless stripping device includes a body having a cutting zone across the body forming a living hinge to fold the body along a fold area. An aperture may be located through the body and may be associated with the fold area. The aperture may change dimension as the body is folded and unfolded. The fiber aperture may receive for example an optical fiber in an unfolded state and may close upon for example the optical fiber in a folded state such that when the bladeless stripping device is translated along for example the optical fiber at least one coating of for example the optical fiber is caused to be stripped away revealing for example a bare glass fiber suitable for example for connectorizing or splicing.

No. of Pages : 30 No. of Claims : 48

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

(54) Title of the invention : FIBRE REACTIVE DYES THEIR PREPARATION AND THEIR USE

(51) Internationalclassification(31) Priority Document No	:C07C317/44,C09B62/44,C09B62/475 :11161503.5	(71)Name of Applicant : 1)HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GmbH
(32) Priority Date	:07/04/2011	Address of Applicant : Legal Services Department
(33) Name of priority country	:EPO	Klybeckstrasse 200 CH 4057 Basel Switzerland (72) Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/053724 :05/03/2012	1)ROENTGEN Georg 2)FEKETE Laszlo 3)NICOLLET Michael
(87) International Publication No	:WO 2012/136428	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Reactive dyes of formula (1), wherein R i and R2 are each independently of the other hydrogen or unsubstituted or substituted Ci-C4alkyl, one of the radicals D i and D2 is a radical of the formula (2), the other one of the radicals Dl and D2 is a rad - ical of the formula (3a), or (3b), wherein (R3)m denotes n identical or different substituents selected from the group Ci-C4alkyl, Ci- C alkoxy and sulfo, Z is a radical of the formula -SO 2-Y (4a), -CONH-(CH 2) -SO 2-Y (4b), -NH-CO-CH(Hal)-CH 2-Hal (4c), -NHCO-C(Hal)=CH 2 (4d), or (4e), wherein X i is halogen, T i independently has the definition of Xi, is a non-fibre-reactive substituent or is a fibre- reactive radical of the formula (5a), -NH-(CH 2)2. -SO 2-Y (5b), or -NH-(CH2)2.3-O-(CH 2)2.3-SO 2-Y (5c), R4 is hydrogen or unsubstituted or substituted Ci-C4alkyl, (R5)o-2 denotes from 0 to 2 identical or different substituents from the group C i-C4alkyl, Ci-C4alkoxy and sulfo, Hal is halogen, Y is vinyl or a -CH2-CH2-U radical and U is a group that is removable under alkaline conditions, k is the number 0, 1 or 2, m is the number 2, 3 or 4, n is the number 0, 1 or 2, and p is the number 2, 3 or 4, are suitable for dyeing cellulosic or amide-group-containing fibre materials.

No. of Pages : 38 No. of Claims : 11

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS OF FORMING POLYCRYSTALLINE TABLES AND POLYCRYSTALLINE ELEMENTS AND RELATED STRUCTURES

 (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 	:E21B3/04,E21B10/573 :13/040,900 :04/03/2011 :U.S.A. :PCT/US2012/027075 :29/02/2012 :WO 2012/121946 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BAKER HUGHES INCORPORATED Address of Applicant :P.o. Box 4740 Houston TX 77210 4740 U.S.A. (72)Name of Inventor : 1)SCOTT Danny E.
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(57) Abstract :

Methods of forming a polycrystalline element comprise disposing a first plurality of particles comprising a superabrasive material a second plurality of particles comprising the superabrasive material and a catalyst material in a mold. The first and second pluralities of particles are sintered to form a polycrystalline table comprising a first region having a first permeability and a second region having a second greater permeability. Catalyst material is at least substantially removed from the polycrystalline table. The polycrystalline table is attached to an end of a substrate the at least a second region being interposed between the first region and the substrate. Polycrystalline elements comprise a substrate. A polycrystalline table comprising a superabrasive material and having a first region exhibiting a first permeability and at least a second region exhibiting a second greater permeability is attached to an end of the substrate.

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

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR RELEASABLY COUPLING A FLUID DISPENSER TO A DISPENSING SYSTEM

 (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 	:G01F11/00,G01F15/18 :61/468,239 :28/03/2011 :U.S.A. :PCT/US2012/030826 :28/03/2012 :WO 2012/135269 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FISHMAN CORPORATION Address of Applicant :192 South Street Hopkinton MA 01748 U.S.A. (72)Name of Inventor : 1)BEEBE W. Scott
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(57) Abstract :

A system and method for releasably coupling a fluid dispenser (12) to a structure (18). There is a push to connect pull to disconnect connector system (19) that has first (22) and second (20) mating connectors. A first connector (22) is mounted to the dispenser (12) and a second connector (20) is mounted to the structure (18). The connector system (19) accomplishes both mechanical and electrical interconnection between the dispenser (12) and the structure (18).

No. of Pages : 26 No. of Claims : 18

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : UTILITY PANEL FOR A DISPENSER			
 (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 	n:G09F23/00,G09F23/06,A47K5/12 :13/041,942 :07/03/2011 :U.S.A. :PCT/US2012/025364 :16/02/2012 :WO 2012/121851		
(61) Patent of Addition to Application Number Filing Date	:NA :NA		
(62) Divisional to Application Number Filing Date	:NA :NA		

(57) Abstract :

A utility panel (20) for a dispenser (10) that is mounted to a support structure by a backplate (40) includes opposed lateral legs (210, 220) that extend from a main section to form a receiving channel therebetween. The main section is configured to display any desired physical indicia, such as advertising messages, for viewing by the user of the dispenser, while the lateral sections include retention tabs (300) that are received within guide channels formed between the backplate and the support structure. As the utility panel is attached to the dispenser, the blackplate is received within the receiving channel of the utility panel until the retention tabs are snap-fit into corresponding lock channels (120, 122) provided by the backplate of the dispenser. As such, the utility panel is easily retrofit to a previously- installed dispenser without the use of tools.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:C12Q1/68,C12P19/34	(71)Name of Applicant :
(31) Priority Document No	:61/471833	1)DOW AGROSCIENCES LLC
(32) Priority Date	:05/04/2011	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 1054 U.S.A.
(86) International Application No	:PCT/US2012/031334	(72)Name of Inventor :
Filing Date	:30/03/2012	1)CAO Zehui
(87) International Publication No	:WO 2012/138549	2)NOVAK Stephen
(61) Patent of Addition to Application	:NA	3)ZHOU Ning
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : HIGH THROUGH PUT ANALYSIS OF TRANSGENE BORDERS

(57) Abstract :

The present invention is a method to identify unknown DNA sequences which flank known DNA sequences. The invention improves the accuracy, sensitivity, and reproducibility for determining unknown DNA sequences which flank a known DNA sequence. This claimed method can be deployed as a high throughput method to quickly and efficiently identify plant genomic chromosomal sequences which flank a transgene. Further analysis of these unknown sequences can be used to characterize the transgene insertion site for the identification of rearrangements, insertions and deletions which result from the integration of the transgene. In addition, analysis of the chromosomal flanking sequences can be used to identify the location of the transgene on the chromosome.

No. of Pages : 29 No. of Claims : 17

(21) Application No.7464/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PRINTED DEVICE WITH THREE DIMENSIONAL APPEARANCE

 (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 	:B41M3/00,B42D15/10,B44F7/00 :61/491734 :31/05/2011 :U.S.A. :PCT/EP2012/052556 :15/02/2012 :WO 2012/163553 :NA :NA :NA	 (71)Name of Applicant : 1)SICPA HOLDING SA Address of Applicant : Avenue de Florissant 41 CH 1008 Prilly Switzerland (72)Name of Inventor : 1)LEFEBVRE Olivier 2)DEGOTT Pierre 3)DEMANGE Raynald 4)PIETROLUNGO Nicolas
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(57) Abstract :

The present invention is related to a device useful as a security element comprising first and second LC ink layers representing a graphical object exhibiting when observed with an appropriate viewing equipment a three dimensional appearance wherein one of said ink layers shows a first colour at a certain viewing angle and is a left handed circularly polarizing coating or comprises left handed circularly polarizing pigment and the other of said ink layers shows the same or another colour at said viewing angle and is a right handed circularly polarizing pigment and the other of said ink layers shows the same or another colour at said viewing angle and is a right handed circularly polarizing coating or comprises right handed circularly polarizing pigment said first and second LC ink layers representing a first and a second image corresponding to a pair of stereoscopic projections ofsaid object characterized in that said first and second images are composed of separate building blocks which are superimposed or can be superimposed.

No. of Pages : 61 No. of Claims : 17

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:A61M15/08	(71)Name of Applicant :
(31) Priority Document No	:61/449008	1)IMPEL NEUROPHARMA INC.
(32) Priority Date	:03/03/2011	Address of Applicant :720 Broadway Avenue Suite 413
(33) Name of priority country	:U.S.A.	Seattle WA 98122 4302 U.S.A.
(86) International Application No	:PCT/US2012/027754	(72)Name of Inventor :
Filing Date	:05/03/2012	1)HOEKMAN John D.
(87) International Publication No	:WO 2012/119153	2)HITE Michael
(61) Patent of Addition to Application		3)BRUNELLE Alan
Number	:NA	4)RELETHFORD Joel
Filing Date	:NA	5)HO Rodney J. Y.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : NASAL DRUG DELIVERY DEVICE

(57) Abstract :

A compound delivery device for delivering a plume derived from a propellant and a drug formulation. The drug for mulation is in an intranasal dosage form in the form of powder, suspension, dispersion or liquid. The propelled intranasal dosage form is deposited within the olfactory region of the nasal cavity. The drug deposited within the olfactory region is delivered to the o brain avoiding the blood-brain-barrier. Hydrofluoroalkane propellant from a pressurized canister is channeled to a diffuser and drugcontaining chamber where the intra-nasal dosage form is aerosolized. The aerosolized intra-nasal dosage form passes through a nozzle thus delivering a plume to the olfactory region of a users nasal cavity.

No. of Pages : 79 No. of Claims : 58

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FUEL CELL COMPRISING AT LEAST TWO STACKED PRINTED CIRCUIT BOARDS WITH A PLURALITY OF INTERCONNECTED FUEL CELL UNITS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01M8/02,H01M8/04,H01M8/10 :1103590.4 :01/03/2011 :U.K.	 (71)Name of Applicant : 1)IMPERIAL INNOVATIONS LIMITED Address of Applicant :52 Princes Gate Exhibition Road London SW7 2PG U.K.
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2012/053479 :29/02/2012 :WO 2012/117035	2)UCL BUSINESS PLC (72)Name of Inventor : 1)BRETT Daniel John Leslie 2)KUCERNAK Anthony Robert John
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

A fuel cell comprising at least two stacked fuel cell boards (22) which each comprise a membrane of substantially gas impervious electrolyte material and at least two electrode pairs wherein the anode and cathode of each said electrode pair are arranged on respective faces of said membrane. An electrode of each pair of electrodes is connected to an electrode of an adjacent pair of electrodes by a through membrane connection (13) or by an external connection on a Printed Circuit Board comprising an electrically conductive region of said electrolyte material. A method for forming the through membrane electrical connections in the electrolyte membrane is also disclosed.

No. of Pages : 64 No. of Claims : 68

(21) Application No.7473/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:B32B27/06	(71)Name of Applicant :
(31) Priority Document No	:61/451945	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:11/03/2011	Address of Applicant :300 Park Avenue New York 10022
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/CN2012/071846	(72)Name of Inventor :
Filing Date	:02/03/2012	1)SHI Yu
(87) International Publication No	:WO 2012/122898	2)VAN GORDON Todd D.
(61) Patent of Addition to Application	:NA	3)WANG Jun
Number		4)WANG Kai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PACKAGING AND MATERIALS FOR MAKING SAME

(57) Abstract :

The invention provides a novel flexible, substantially gas impermeable laminate material comprising starch/polymer blends, which can be used to make dispensing tubes, e.g., for toothpaste, which material is light, resilient, and inexpensive, which can be made almost entirely from renewable materials, and which can be recycled.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENGINE TESTING APPARATUS AND ENGINE TESTING METHOD

(57) Abstract :

An engine testing apparatus is provided with a memory portion for storing a control command value obtained when the rotation speed of a dynamometer is changed by the control command value in accordance with the change of the engine rotation speed in a real vehicle in a period in which the engine behavior in a real vehicle is reproduced without connecting the dynamometer to an engine under test. The engine testing apparatus is provided with an output portion that supplies the control command value stored in the memory portion to the dynamometer with reference to an engine output signal showing the start of the reproducing period.

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

(12) PATENT APPLICATION PUBLICATION	
(19) INDIA	

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : TIRE		
 (51) International classificatio (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 	n :B60C11/04,B60C5/00,B60C11/01 :2011-031664 :17/02/2011 :Japan :PCT/JP2012/053225 :13/02/2012 :WO 2012/111589 :NA :NA :NA	 (71)Name of Applicant : 1)BRIDGESTONE CORPORATION Address of Applicant :10 1 Kyobashi 1 chome Chuo ku Tokyo 1048340 Japan (72)Name of Inventor : 1)SUGIYASU Shinpei 2)NAKAMURA Takamitsu

(57) Abstract :

A tire (1) according to the present invention comprises: a circuntferential groove 12 formed in a tread portion; a land portion (22) divided by the circumferential groove 12; and transverse grooves formed in the land portion. The transverse grooves comprise a first transverse groove (32) dividing the land portion into several blocks, and a second transverse groove (51) dividing a block (42) divided by the first transverse groove into a first block portion (61) and a second block portion (62). A groove depth of the circumferential groove contacting the second block is smaller than the groove depth of the circumferential groove contacting the first block.

No. of Pages : 22 No. of Claims : 5

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONSTRUCTION WORK IMAGE DATA RECORDING SYSTEM AND STRUCTURE EMBEDDED DATA RECORDING UNIT

 (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 	:G06Q50/08 :2012-275630 :18/12/2012 :Japan :PCT/JP2013/055944 :05/03/2013 :WO 2014/097651 :NA :NA :NA	 (71)Name of Applicant : 1)MITOMO CORPORATION Address of Applicant :10 4 Meguro cho Seya ku Yokohama shi Kanagawa 2460007 Japan (72)Name of Inventor : 1)KAGA Kikuo
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(57) Abstract :

To provide a construction work image data recording system and a structure embedded data recording unit such that photograph data and other such image data with a size exceeding the capacity of an IC tag can be inputted in an IC tag at a work site or a concrete structure verification site and such that direct read out of the data is possible onsite. [Solution] This construction work image data recording system comprises: IC tags (2, 21) which are embedded in a concrete structure and which record construction work image data; a reader/writer (3) which carries out writing and reading of the construction work image data with respect to the IC tags; a data processing device (10) which carries out volume optimization of the construction work image data which is written to the IC tags and carries out restoration of the construction work image data which is read out with the reader/writer; a display device (8) which displays the construction work image data; and a photographic device (5) which inputs the image data into the data processing device.

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

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SURGICAL STAPLE CARTRIDGES AND END EFFECTORS WITH VESSEL MEASUREMENT ARRANGEMENTS

 (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 	:A61B17/072 :13/048,590 :15/03/2011 :U.S.A. :PCT/US2012/028905 :13/03/2012 :WO 2012/125624 :NA :NA :NA :NA	 (71)Name of Applicant : ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor : O'CONNOR Megan A. KRUTH Robert P. SWAYZE Jeffrey S.
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(57) Abstract :

Surgical staple cartridges and end effectors for assessing a size of tissue stapled by the staple cartridge or otherwise manipulated by the end effector. In various forms the staple cartridge has at least one series of measurement indicia on the deck base that may be viewed from above the deck surface when the anvil is clamping the tissue onto the staple cartridge. Other embodiments include structure for forming a mark on the cartridge deck that corresponds to a size of the tissue supported thereon. Methods for severing and stapling tissue are also disclosed.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SLEEPING CORE NETWORK NODES FOR ENERGY SAVING IN 3G NETWORKS

(51) International classification (31) Priority Document No	:H04 w 36/12,H04 w 28/08,H04 w 52/02	 (71)Name of Applicant : 1)NEC Corporation Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(32) Priority Date	:24/02/2011	1088001 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor : 1)MURAKAMI Masahide
(86) International Application No Filing Date	:PCT/JP2011/078636 :05/12/2011	2)PRASAD Anand Raghawa 3)ZHANG Xiaowei 4)SHIGA Shingo
(87) International Publication No	:WO 2012/114607	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

SGSNs in the same pool area share their resource information by using O&M messages or GTP C messages. At least one of the SGSNs (Sleeping SGSN) decides to sleep (shut down or run in a low power state) based on the resource information. Then the Sleeping SGSN sends a power down notification to the connected RNC/BSC and SGSNs thereby preventing the RNC/BSC from selecting the Sleeping SGSN for new connection and handovers and transferring the load on the Sleeping SGSN to other SGSNs.

No. of Pages : 24 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification :H02B1/30 (71)Name of Applicant : (31) Priority Document No 1)RITTAL GMBH & CO. KG :10 2011 013 159.0 (32) Priority Date Address of Applicant : Auf dem St¹/₄tzelberg 35745 Herborn :28/02/2011 (33) Name of priority country :Germany Germany (86) International Application No :PCT/DE2012/000155 (72)Name of Inventor : Filing Date 1)BR-MSTRUP Dennis :17/02/2012 (87) International Publication No :WO 2012/116672 2)B-HME Siegfried (61) Patent of Addition to Application **3)HOLIGHAUS Heiko** :NA Number **4)MLLER Matthias** :NA Filing Date **5)SCHNAKENBERG Michael** (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : MOUNTING FRAME FOR AN ELECTRICAL ENCLOSURE OR A RACK

(57) Abstract :

The invention relates to a mounting frame for a switchgear cabinet or a rack, comprising mounting pieces (1) which are arranged, as corner pieces, in the four corner sections of a rectangle or square that extends in an x-y plane, said mounting pieces being produced in a respective shaping process and having outer first and second mounting faces (13, 14) which extend in the x direction and in the y direction at a right angle thereto and which extend in a space direction z at a right angle to the x-y plane, and are provided with hollow spaces (163) which are at least partially surrounded by wall parts (166) and/or bores (161) that are oriented in the z direction. The mounting frame further comprises intermediate elements which extend between the mounting pieces (1) in the x direction and in the y direction and the end sections of which are fastened to the mounting pieces (1). The mounting pieces (1) have wall sections which extend in parallel to the x-y plane, thus making assembly easier.

No. of Pages : 56 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification :H02B1/30 (71)Name of Applicant : (31) Priority Document No 1)RITTAL GMBH & CO. KG :10 2011 013 160.4 (32) Priority Date Address of Applicant : Auf dem St¹/₄tzelberg 35745 Herborn :28/02/2011 (33) Name of priority country :Germany Germany (86) International Application No :PCT/DE2012/000156 (72)Name of Inventor : Filing Date 1)BR-MSTRUP Dennis :17/02/2012 (87) International Publication No :WO 2012/116673 2)B-HME Siegfried (61) Patent of Addition to Application **3)HOLIGHAUS Heiko** :NA Number **4)MLLER Matthias** :NA Filing Date **5)SCHNAKENBERG Michael** (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : BASE OR MOUNTING FRAME FOR AN ELECTRICAL ENCLOSURE OR A RACK

(57) Abstract :

The invention relates to a base or a mounting frame for an electrical enclosure or a rack, comprising mounting pieces (1) which are arranged, as comer pieces, in the comer regions of a rectangle or square that extends in an x-y plane, said mounting pieces being produced in a respective shaping process and comprising first and second mounting faces (13, 14) which lie outside with respect to the rectangle or square, which extend in the x direction and in the y direction at a right angle thereto and which extend in a space direction z at a right angle to the x-y plane, wherein sections of a system of covers (2) are brought into contact with the mounting faces, said covers (2) having lateral covers (22) with cover walls (220) that are flat on the exterior and that have reinforcing ribs (222) extending longitudinally on the interior, and being fastened to receiving structures of the mounting pieces (1) by connecting means. Benefits in the installation process are achieved in that the lateral covers (2) have cover fastening elements (221) formed onto the interior of the lateral covers and are fastened directly or indirectly to the receiving structures of the mounting pieces (1) by means of said cover fastening elements.

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

(21) Application No.7608/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR THE DETERMINATION OF POLYSORBATE :G01N33/50,G01N33/92 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/449,535 1)BAXTER INTERNATIONAL INC. (32) Priority Date :04/03/2011 Address of Applicant : One Baxter Parkway Deerfield Illinois (33) Name of priority country :U.S.A. 60015 U.S.A. (86) International Application No :PCT/EP2012/000898 2)BAXTER HEALTHCARE S.A. Filing Date (72)Name of Inventor : :01/03/2012 (87) International Publication No :WO 2012/119724 1)WEBER Alfred (61) Patent of Addition to Application 2)ENGELMAIER Andrea :NA Number **3)ANDERLE Heinz** :NA Filing Date **4)SCHWARZ Hans Peter** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a method for the determination of polysorbate in a protein-containing sample. The method of the present invention involves the pretreatment of the sample by alkaline hydrolysis followed by colorimetric determination on the basis of the metal complex of the analyte with a thiocyanate reagent, the complex being extracted in an immiscible organic solvent. The alkaline hydrolysis accounts for the removal of the interfering proteins and enhance selectivity over surfactants similar to the analyte, e.g. for Tween 80 over Triton X-100.

No. of Pages : 33 No. of Claims : 17

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR PREPARING SODIUM SALTS OR POTASSIUM SALTS OF 4-HYDROXY-2 OXO-2,5-DIHYDROFURAN-3 CARBOXYLATE

 (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 	:11156806.9 :03/03/2011 :EPO	 (71)Name of Applicant : 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor : 1)FUNKE Christian 2)FARIDA Taraneh 3)BEECK Stefan 4)LUI Norbert 5)MAIWALD Berndt
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(57) Abstract :

A process for preparing sodium salts or potassium salts of 4-hydroxy-2-oxo-2,5-dihydrofuran-3-carboxylate, comprising the reaction of a malonic ester with potassium hydroxide to give the corresponding malonic ester potassium salt of the formula (III), which is then reacted further with a chloroacetic ester to give a Compound of the formula (V), followed by a ring closure reaction in which the Compound of the formula (V) is reacted with a sodium alkoxide or potassium alkoxide of the formula o ZOR 1, where R1, R2, R3 and K are each as defined in the description.

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

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RESIDUAL PRESSURE VALVE		
 (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 	n :F16K15/02,F16K1/30,F16K17/18 :20 2011 003 322.8 :28/02/2011 :Germany :PCT/EP2012/053299 :28/02/2012 :WO 2012/116964 :NA :NA :NA	 (71)Name of Applicant : 1)ALLIGATOR VENTILFABRIK GMBH Address of Applicant :Richard Steiff Strae 4 89537 Giengen Germany (72)Name of Inventor : 1)PALAORO Renato

(57) Abstract :

The invention relates to a residual pressure valve (10; 10a; 10b) for a flow medium, in particular for air, the flow passage (30) of which is arranged in a valve housing (15) and is designed so as to allow flows to pass in different directions and so as to be interrupted by means of an at least partially movable sealing element (41; 41a) depending on the pressure of the flow medium, wherein by means of an energy store (45) which is in particular designed as a pressure spring, the sealing element (41; 41a) is seated against a counter element (21; 21a) in a sealing manner when the flow medium drops below a minimum pressure in order to interrupt the flow passage (30), and wherein the flow path (30) has two separate bores (32, 58) which are arranged coaxially in relation to one another and are connected to one another by at least one connecting channel (33).

No. of Pages : 17 No. of Claims : 13

(21) Application No.7613/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SELECTOR SHAFT WITH AN OPEN SLEEVE (51) International classification :F16H63/30,F16H63/38 (71)Name of Applicant : (31) Priority Document No :10 2011 004 415.9 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG (32) Priority Date Address of Applicant : Industriestrae 1 3 91074 :18/02/2011 (33) Name of priority country Herzogenaurach Germany :Germany (86) International Application No :PCT/EP2012/051541 (72)Name of Inventor : Filing Date 1)KR..MER Klaus :31/01/2012 (87) International Publication No :WO 2012/110312 2)L-FFELMANN Jochen (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A selector device (1) of a motor vehicle variable-speed transmission with a sliding selector shaft (2) and a sleeve (3) arranged on the sliding selector shaft (2), wherein the sleeve (3) has a half shell (4) with two limbs (5, 6) and one or more connecting parts (7, 8) which in each case connect the limbs (5, 6) to each other, wherein the connecting part or connecting parts (7, 8) is or are axially shorter than the half shell (4).

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

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ROLLING EI	LEMENT CAGE	
(51) International classification	:F16C33/54	(71)Name of Applicant :
(31) Priority Document No	:102011004687.9	1)SCHAEFFLER TECHNOLOGIES AG & CO. KG
(32) Priority Date	:24/02/2011	Address of Applicant : Industriestrae 1 3 91074
(33) Name of priority country	:Germany	Herzogenaurach Germany
(86) International Application No	:PCT/EP2011/071648	(72)Name of Inventor :
Filing Date	:02/12/2011	1)FRIEDRICH Peter
(87) International Publication No	:WO 2012/113472	2)KRGER Michael
(61) Patent of Addition to Application	:NA	3)S,,BSCH Steffen
Number		4)SCH,,FERS Heinz
Filing Date	:NA	5)FICK Matthias
(62) Divisional to Application Number	:NA	6)WINKLER Manfred
Filing Date	:NA	7)ENDERS Johannes

(57) Abstract :

The invention relates to a rolling element cage (32) made of a profiled, stamped, cut-to-length and bent-round metal strip material, wherein the ends of the cut-to-length strip sections are joined to each other by welding. In order to enable the lubricant distribution in the bearing as well as the vibration characteristics of the cage, and hence the entire bearing system, to be influenced, according to the invention the strip section ends (34, 36) are joined to each other with a predetermined axial offset (a) and/or radial offset (b).

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

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIQUID FIL	FRATION MEDIA	
 (54) The of the invention : EQUID FIE (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 	:B01D27/04 :61/485830 :13/05/2011 :U.S.A.	 (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19899 U.S.A. (72)Name of Inventor : 1)LIM Hyun Sung 2)MARIN Robert Anthony 3)YOUNG Patrick Henry 4)CHEN Guanghui 5)COMPTON Timothy Frederick 6)FRISK Simon

(57) Abstract :

The present invention relates to a liquid filtration medium comprising at least one nonwoven sheet wherein the non - woven sheet has a water flow rate of at least 10 ml/min/cm2 /KPa and a tortuosity filter factor of at least 3.0. The liquid filtration me dium can be used in a filter system with an optional pre-filter layer or microfiltration membrane.

No. of Pages : 18 No. of Claims : 15

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMPLANTABLE SHUNT SYSTEM AND ASSOCIATED PRESSURE SENSORS

(51) International classification	:A61B5/00,A61B5/03,A61M27/00	(71)Name of Applicant :
	· · ·	
(31) Priority Document No	:61/443,508	1)ALFRED E. MANN FOUNDATION FOR SCIENTIFIC
(32) Priority Date	:16/02/2011	RESEARCH
(33) Name of priority country	:U.S.A.	Address of Applicant : P.O. Box 905 Santa Clarita CA 91380
(86) International Application	:PCT/US2012/025527	9005 U.S.A.
No		(72)Name of Inventor :
Filing Date	:16/02/2012	1)SCHMIDT Siegmar
(87) International Publication	:WO 2012/112819	2)BYERS Charles L.
No	. WO 2012/112819	3)JIANG Guangqiang
(61) Patent of Addition to	:NA	4)DEARDEN Brian
Application Number		5)GORD John
Filing Date	:NA	
(62) Divisional to Application	214	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hermetically sealed biocompatible pressure sensor module configured for implant at a desired site at which a pressure is to be measured. Anodic bonding of the pressure module package components which have similar thermal coefficients of expansion provides low stress bonding and maintains long term reliability dependability and accuracy. The pressure sensor module includes a pressure sensitive membrane which is in direct contact with the environment at which a pressure is to be measured. The pressure sensor module forms a part of a pressure measuring system which uses a telemetry link between the pressure sensor module and an external controller for data transmission and transfer. Operating power for the pressure sensor module is provided by the external controller and an internal re¬ chargeable energy storage component. Accordingly the pressure measuring system provides a dual stage power and data transfer capability for use with an implantable system. An exemplary use of the pressure sensor module is in a three pressure sensor system including a flow control valve in a shunt to treat hydrocephalus. The use of integrated circuit chips and an internal coil with an optional ferrite core in the pressure sensor module provides for low power consumption and reliable signal processing. An embodiment of the invention includes a pressure sensor and associated electromagnetic coils embedded in the tip portion of the shunt for measuring the pressure of fluid externally of the shunt at the tip portion.

No. of Pages : 50 No. of Claims : 26

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification :D01G1/04 (71)Name of Applicant : (31) Priority Document No **1)THE PROCTER & GAMBLE COMPANY** :102011013216.3 (32) Priority Date Address of Applicant : One Procter & Gamble Plaza Cincinnati :05/03/2011 (33) Name of priority country Ohio 45202 U.S.A. :Germany (86) International Application No :PCT/US2012/027678 (72)Name of Inventor : Filing Date **1)STELZER Norbert** :05/03/2012 (87) International Publication No :WO 2012/122083 2)SCHWARZ Olaf (61) Patent of Addition to Application **3)MAEHLMANN Ingo** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND DEVICE FOR GRINDING STRAND LIKE FIBROUS MATERIAL

(57) Abstract : The invention relates to a method and a device for grinding strand like fibrous material wherein the strand like fibrous material is fed towards the cutting edge of a cutting mechanism and wherein a moveable striking mechanism for grinding the fibrous material cooperates with the cutting mechanism. Associated with the cutting mechanism is a moveable clamping mechanism by means of which the fibrous material is clamped in an oscillating manner. In order to be able to produce optimally uniform fibrous shreds as defined by the position of the cutting edge the fibrous material is according to the present disclosure guided through an oscillating clamping gap formed between the clamping mechanism and the cutting mechanism wherein the clamping mechanism is guided in a back and forth clamping movement relative to the cutting mechanism. For this purpose the clamping gap is formed by arranging the clamping mechanism and the cutting mechanism opposite one another in a clamping plane.

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

(21) Application No.7491/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:D01G1/04	(71)Name of Applicant :
(31) Priority Document No	:102011013216.3	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:05/03/2011	Address of Applicant : One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:Germany	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2012/027680	(72)Name of Inventor :
Filing Date	:05/03/2012	1)STELZER Norbert
(87) International Publication No	:WO 2012/122084	2)SCHWARZ Olaf
(61) Patent of Addition to Application	.NT A	3)MAEHLMANN Ingo
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexandria		<u> </u>

(54) Title of the invention : PROCESS FOR MAKING ABSORBENT COMPONENT

(57) Abstract :

A process for making an absorbent component comprises the steps of providing individual sheets of fibrous material conveying the individual sheets of fibrous material to a cutting edge of a cutting mechanism feeding the individual sheets of fibrous material through an oscillating clamping gap formed between a clamping mechanism and the cutting mechanism grinding the individual sheets of fibrous shreds and laying the fibrous shreds on a forming belt to form the absorbent component.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : POLYMERS BASED ON SULFONIC ACIDS AMIDES AND SPECIAL CROSS LINKING AGENTS

 (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 	:C08F220/58 :10 2011 013 341.0 :08/03/2011 :Germany :PCT/EP2012/000968 :03/03/2012 :WO 2012/119746 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CLARIANT FINANCE (BVI) LIMITED Address of Applicant :Citco Building Wickhams Cay P.O. Box 662 Road Town Tortola VIRGIN ISLANDS (72)Name of Inventor : 1)KLUG Peter 2)FISCHER Dirk 3)LINDNER Thomas 4)MCKENHEIM Wiebke 5)BRASCH Bianca 6)HORNUNG Michael
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(57) Abstract :

The invention relates to water-soluble or water-swellable polymers that contain a) 20.0 to 98.97 mole-% of one or more repeating structural units originating from special monomers with sulfonic acid groups or the salts thereof such as e.g. 2- acrylamido-2-niethyl-propanesulfonic acid or the salts thereof, b) 1.0 to 60.0 mole-% of one or more repeating structural units containing an amide group and d) 0.01 to 8.0 mole-% of one or more repeating structural units originating from special cross-linking agents with at least three polymerizable double bonds. The polymers for example have an advantageous sensory property profile and are highly suitable as thickening agents even in salt-containing compositions. They are furthermore advantageously suitable for producing cosmetic, dermatological or pharmaceutical compositions.

No. of Pages : 100 No. of Claims : 22

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FIN AND INSTALLATION FOR CONVERTING HYDRAULIC ENERGY COMPRISING SUCH A FIN

 (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 	:F03B11/00 :1151606 :28/02/2011 :France :PCT/EP2012/053283 :27/02/2012 :WO 2012/116958 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ALSTOM RENEWABLE TECHNOLOGIES Address of Applicant :82 Avenue Lon Blum F 38100 Grenoble France (72)Name of Inventor : 1)VUILLEROD Grard 2)MAZZOUJI Farid 3)BOMCHIL Yoann
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(57) Abstract :

This fin (20) is intended to be installed in a protruding manner inside a discharge pipe of a hydraulic machine. The fin (20) comprises a first face which has holes and a second face which is solid. The fin (20) defines by itself between the first face and the second face, a cavity (C) connecting the outside of the discharge pipe to the holes in the first face.

No. of Pages : 14 No. of Claims : 8

(21) Application No.7622/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(51) International classification	:A61K39/39,A61K47/06	(71)Name of Applicant :
(31) Priority Document No	:61/441,392	1)UNIVERSITY OF LOUISVILLE RESEARCH
(32) Priority Date	:10/02/2011	FOUNDATION INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :Health Science Center Room 321,
(86) International Application No	:PCT/US2012/024092	University Of Louisville, Louisville, KY 40292 U.S.A.
Filing Date	:07/02/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/109203	1)SHIRWAN Haval
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A 1, stars at a		1

(54) Title of the invention : ADJUVANT COMPOSITIONS WITH 4-IBBL

(57) Abstract :

Streptavidin(SA)-4-IBBL and TLR agonists such as monophosphoryl lipid A (MPL) exhibit surprising synergy as adjuvants, inducing immune responses against weak antigens. Accordingly, there are provided adjuvant compositions comprising 4-1BBL and a toll-like receptor (TLR) agonist, such as MPL, methods of inducing an immune response against an antigen in a subject, comprising administering to the subject (a) the antigen, (b) a TLR agonist and, (c) 4-IBBL, and methods of treating a tumor or a cancer in a subject, comprising administering to the subject (a) an antigen associated with the tumor or cancer, (b) a TLR agonist, and (c) 4-IBBL.

No. of Pages : 59 No. of Claims : 23

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD OF TRIGGERING AND EXECUTING ACTIVE CONTENT ON A RECIPIENT DEVICE

 (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 	:H04M3/42,H04L29/02 :2011009537 :10/02/2011 :Singapore :PCT/SG2012/000030 :03/02/2012 :WO 2012/108838 :NA :NA :NA :NA	 (71)Name of Applicant : SMART HUB PTE. LTD. Address of Applicant :100 Beach Road #25 06 Shaw Towers Singapore 189702 Singapore (72)Name of Inventor : IBASCO Alex D JOSON Eduardo Ramon G. YU William Emmanuel S.
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(57) Abstract :

A system and method of triggering and executing active content on a recipient device the system comprising a sender device configured to send a trigger message to the recipient device wherein the trigger message specifies at least one executable file the executable file comprising active content to be executed by the recipient device is disclosed.

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

(21) Application No.7373/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/08/2013

(43) Publication Date : 02/01/2015

 (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 	:G01M3/20,G01M3/22 :11502283 :16/03/2011 :Sweden :PCT/SE2012/050268 :12/03/2012 :WO 2012/125108 :NA :NA :NA	 (71)Name of Applicant : 1)NORDEN MACHINERY AB Address of Applicant :Box 845 S 391 28 Kalmar Sweden (72)Name of Inventor : 1)NILSSON Jan
Filing Date	:NA	

(54) Title of the invention : METHOD AND ARRANGEMENT FOR LEAK DETECTION

(57) Abstract :

The invention relates to a method and an arrangement for detecting a leak in a sealed package containing a product in o the form of a foodstuff or a pharmaceutical. The leak detecting arrangement comprises a testing station, in which a package is placed by the transporting means and a pressure applying means arranged to apply a predetermined amount of pressure on the package loc ated in the testing station. The arrangement further comprises a continuously operated suction means arranged to draw ambient air past a seal on the packet to be tested and a gas sensor located in the flow of ambient air drawn off by the suction means and arranged to transmit a signal dependent on the test gas concentration detected in the ambient air.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : BARRIER LAYERS COMPRISING NI AND/OR TI COATED ARTICLES INCLUDING BARRIER LAYERS AND METHODS OF MAKING THE SAME

 (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 	:C03C17/36 :13/064065 :03/03/2011 :U.S.A. :PCT/US2011/001743 :12/10/2011 :WO 2012/118468 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GUARDIAN INDUSTRIES CORP. Address of Applicant :2300 Harmon Road Auburn Hills MI 48326 1714 U.S.A. (72)Name of Inventor : 1)BLACKER Richard 2)FRANK Marcus 3)IMRAN Muhammad
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(57) Abstract :

Certain example embodiments relate to a coated article including at least one infrared (IR) reflecting layer of a material such as silver or the like in a low-E coating, and methods of making the same. In certain cases, at -least one layer of the coating is of or includes nickel and/or titanium (e.g., NixTiyOz). The provision of a layer including nickel titanium and/or an oxide thereof may permit a layer to be used that has good adhesion to the IR reflecting layer, and reduced absorption of visible light (resulting in a coated article with a higher visible transmission). When a layer including nickel titanium oxide is provided directly over and/or under the IR reflecting layer (e.g., as a barrier layer), this may result in improved chemical and mechanical durability. Thus, visible transmission may be improved if desired, without compromising durability; or, durability may simply be increased.

No. of Pages : 37 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :30/08/2013

(54) Title of the invention : PERMEABLE MEASURING CELL

(43) Publication Date : 02/01/2015

(-)		
(51) International classification	:G01N21/03,G01N21/05	(71)Name of Applicant :
(31) Priority Document No	:10 2011 013 002.0	1)OPTEK DANULAT GMBH
(32) Priority Date	:04/03/2011	Address of Applicant :2, Emscherbruchallee, 45356 Essen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/053272	(72)Name of Inventor :
Filing Date	:27/02/2012	1)PLATTE Daniel
(87) International Publication No	:WO 2012/119880	2)SCHROEREN Peter
(61) Patent of Addition to Application	:NA	3)DANULAT J¼rgen
Number	:NA :NA	4)REESE Andreas
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a permeable measuring cell comprising: - an inlet opening (2) for the inlet of the fluid, - a measuring Chamber, in particular a single measuring Chamber, arranged between the inlet opening (2) and the outlet opening (3), and - a radiation measuring region (6) for measuring the interaction of the fluid in the measuring cell (1,) with an electromagnetic radiation from outside of the measuring cell (1,), said radiation measuring region (6) being delimited by two opposing Windows (7, 7, 8, 8), one of which is provided for the inlet of the electromagnetic radiation and the other of which is provided for the interaction is characterized in that the measuring cell (1, 1) has an adjustment rnge comprising multiple operating positions with different distances A, A between the Windows (7, 7, 8, 8), the measuring cell (1, 1) being adjustable, in particular fixable, into said positions without rotation. The invention further relates to a System consisting of such a measuring cell (1) with multiple spacer elements (19, 20) of different lengths for adjusting a distance A that is defined by the respective spacer element (19, 20).

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DUPLEX STAINLESS STEEL SHEET			
:C22C38/00,C22C38/58 :2011-052502	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL		
:10/03/2011	CORPORATION		
:Japan :PCT/JP2012/055619	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan		
:06/03/2012 :WO 2012/121232	(72)Name of Inventor : 1)KURIHARA Shinnosuke		
:NA :NA			
:NA :NA			
	:C22C38/00,C22C38/58 :2011-052502 :10/03/2011 :Japan :PCT/JP2012/055619 :06/03/2012 :WO 2012/121232 :NA :NA :NA		

(57) Abstract :

A duplex stainless steel containing, by mass%: C: not more than 0.03%, Si: not more than 0.3%, Mn: not more than 3.0%, P: not more than 0.040%, S: not more than 0.008%, Cu: 0.2 to 2.0%, Ni: 5.0 to 6.5%, Cr: 23.0 to 27.0%, Mo: 2.5 to 3.5%, W: 1.5 to 4.0%, and N: 0.24 to 0.40%, the balance being Fe and impurities, wherein a CT phase susceptibility index X (= 2.2Si + 0.5Cu + 2.0Ni + Cr + 4.2Mo + 0.2W) is not more than 52.0; a strength index Y (= Cr + 1.5Mo + ION + 3.5W) is not less than 40.5; and a pitting resistance equivalent PREW (= Cr + 3.3(Mo + 0.5W) + 16N) is not less than 40. This duplex stainless steel is excellent in corrosion resistance and embrittlement cracking resistance.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR DETECTION OF INTESTINAL AND BLOOD BRAIN BARRIER PERMEABILITY AND TESTING MATERIALS THERETO

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International 	:G01N33/53,C07K14/195,C07K16/12 :61/437,244 :28/01/2011 :U.S.A. :PCT/US2012/022706	 (71)Name of Applicant : 1)IMMUNOSCIENCES LAB INC. Address of Applicant :822 South Robertson Boulevard Suite 312 Los Angeles CA 90035 U.S.A. (72)Name of Inventor : 1)VOJDANI Aristo
Application No Filing Date	:26/01/2012	
(87) International Publication No	:WO 2012/103324	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods assays and apparatus are disclosed for testing of antigens associated with intestinal and/or blood brain barrier permeability. For example blood saliva or other bodily fluid can be tested for binding (1) to a bacterial toxin (preferably a lipopolysaccharide) and (2) binding to tissue antigens selected from at least one of (a) a gut related antigen and (b) a blood brain barrier related antigen. Analysis of test results can be used to assist in detecting and diagnosing diseases associated with leaky gut syndrome (whether due to paracellular or transcellular pathways and whether due to bacterial toxins or some other cause) and/or to diseases associated with excessive blood brain barrier permeability which are contemplated herein to include both neuroinflammation and/or neuroautoimmunity conditions and especially amyotrophic lateral sclerosis Parkinsons disease multiple sclerosis Alzheimer s or peripheral neuropathy and major depression.

No. of Pages : 46 No. of Claims : 27

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DRUG DELIVERY MATERIAL CAPABLE OF PASSING THROUGH BLOOD BRAIN BARRIER AND PEPTIDE AND USE THEREOF

(57) Abstract :

A peptide, wherein the peptide comprises an amino acid sequence expressed by the following SEQ ID NO: 1, an amino acid sequence expressed by the following SEQ ID NO: 2, an amino acid sequence expressed by the following SEQ ID NO: 3, an amino acid sequence expressed by the following SEQ ID NO: 4, 0 r any combination thereof: IQ ALGDSLYGAASLN (SEQ ID NO: 1); MTVDNPASTTNKDKLFSVWK (SEQ ID NO: 2); PGAVPEK (SEQ ID NO: 3); and STKDLTTY (SEQ ID NO: 4).

No. of Pages : 66 No. of Claims : 9

(19) INDIA(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOSITIONS COMPRISING 3 3 3 TRIFLUOROPROPENE AND AMMONIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C09K3/30,C09K5/04,C08J9/14 :11.53071 :08/04/2011 :France	1)ARKEMA FRANCE Address of Applicant :420 rue dEstienne dOrves F 92705 Colombes Cedex France
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:09/03/2012 :WO 2012/136911	(72)Name of Inventor :1)RACHED Wissam2)BOUTIER Jean Christophe
Application Number Filing Date (62) Divisional to Application	:NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a composition based on 3,3,3-trifluoropropene and ammonia, and to the use thereof, especially as a heat transfer fluid.

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

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) The of the invention . Of TIEALTI		
(51) International classification	:G02B6/24	(71)Name of Applicant :
(31) Priority Document No	:2011-091130	1)SEI Optifrontier Co. Ltd.
(32) Priority Date	:15/04/2011	Address of Applicant :1 Taya cho Sakae ku Yokohama shi
(33) Name of priority country	:Japan	Kanagawa 2448589 Japan
(86) International Application No	:PCT/JP2012/056990	(72)Name of Inventor :
Filing Date	:19/03/2012	1)SATO Ryuichiro
(87) International Publication No	:WO 2012/140991	
(61) Patent of Addition to Application	. N T A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : OPTICAL FIBER HOLDER

(57) Abstract :

Provided is an optical fiber holder (21) including an alignment mechanism unit (51) having: a base part (52) formed on a holder main body (22); a movable base part (53) positioned on top of the base part (52); and an alignment lid (54) positioned on top of the movable base part (53). Between the movable base part (53) and the alignment lid (54) that are stacked together, a slit (61) in which a plurality of optical fiber core wires (11) can be encased in a parallel manner is formed. The optical fiber core wires (11), which are encased in the slit (61) as a result of the movable base part (53) and the alignment lid (54) rotating towards the base part (52) side, are aligned into encasing grooves (23) arranged on the holder main body (22). FIG. 1

No. of Pages : 28 No. of Claims : 5

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : HIGH PURITY FERRITIC STAINLESS STEEL SHEET WITH EXCELLENT CORROSION RESISTANCE AND ANTI GLARE PROPERTIES

 (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 	:C22C38/00,C22C38/18,C22C38/34 :2011-055947 :14/03/2011 :Japan :PCT/JP2012/055583 :05/03/2012 :WO 2012/124528	 (71)Name of Applicant : 1)Nippon Steel & Sumikin Stainless Steel Corporation Address of Applicant :6 1 Otemachi 2 chome Chiyoda ku Tokyo 1000004 Japan (72)Name of Inventor : 1)HATANO Masaharu 2)MATSUYAMA Hiroyuki 3)YAMAGISHI Akihito 4)HANSAKI Naoto 5)ISHIMARU Eiichiro
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

The present invention provides an alloy-saving type high purity ferritic stainless steel sheet not relying on high alloying of addition giving a large content of at least one of Cr and Mo and further not limited to a surface film by bright annealing and utilizing addition of Sn to doubly provide an anti-glare property and corrosion resistance, comprising steel sheet which contains, by mass%, C: 0.001 to 0.03%, Si: 0.01 to 1%, Mn: 0.01 to 1.5%, P: 0.005 to 0.05%, S: 0.0001 to 0.01%, Cr: 13 to 30%, N: 0.001 to 0.03%, Al: 0.005 to 1%, and Sn: 0.01 to 1% and has a balance of Fe and unavoidable impurities and which has a surface film, the surface film containing one or both of Al and Si in a total of 5 to 50 at% and Sn and an average concentration of Cr in the surface film being 1.1 to 3 times the concentration of Cr inside the steel sheet, and the surface film having a surface roughness of an arithmetic average roughness Ra of 0.1 to 1.5μ m.

No. of Pages : 29 No. of Claims : 3

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : MODULAR RECEPTACLE FORMED BY A PLURALITY OF AXIALLY NESTABLE CONTAINERS AND METHOD FOR PRODUCING SUCH CONTAINERS BY MEANS OF THE BLOW MOULDING OF A PREFORM

 (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 		 (71)Name of Applicant : BTC CONCEPT Address of Applicant :5 rue de Castiglione F 75001 Paris France (72)Name of Inventor : BOU MEZRAG Mohammed BASSING Yann Lo⁻g Bernard Frdric
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(57) Abstract :

The invention relates to a modular receptacle formed by a plurality of axially nestable necked containers (1). The neck (3) of the containers (1) comprises a flange (11) which cooperates with a recessed tubular chamber (9) provided in the base (2) of the containers (1). The flange (11) is housed in the chamber (9) such that it is free to move radially but bears axially against a shoulder (12) in one direction. Bosses (17) are provided on a flared section (4) that extends from the neck (3) and said bosses are received in cavities (16) located in a flared pocket (10) that extends from the above mentioned chamber (9). The bosses (17) and cavities (16) form members that provide axial and radial stabilisation for the nesting arrangement formed when the flange (11) bears against the shoulder (12) and they include inclined lateral pressure bearing ramps (18) used to separate two assembled containers (1).

No. of Pages : 46 No. of Claims : 12

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ARRANGEMENT FOR CONVERTING THERMAL ENERGY TO MECHANICAL ENERGY IN A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B60K6/12,B60T1/10,B60W30/08 :1150235-8 :17/03/2011 :Sweden :PCT/SE2012/050250 :06/03/2012	 (71)Name of Applicant : 1)Scania CV AB Address of Applicant :S 151 87 Sdertlje Sweden (72)Name of Inventor : 1)KARDOS Zoltan 2)HALL Ola
(87) International Publication No	:WO 2012/125107	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an arrangement for converting thermal energy to mechanical energy in a vehicle (1). The arrangement comprises a working medium which is vaporised by a heat source (3) in the vehicle (1) and is thereafter expanded 5 through a turbine (13) so that mechanical energy is generated. The arrangement comprises a control unit (31) adapted to receiving information which indicates when the vehicle (1) is to be braked and when such is the case to connecting the cooling system (21 39) of the vehicle to the vehicles power train (2 5 9) so that the cooling system (21 39) cools a refrigerant to a low temperature. The control 10 unit (31) is adapted to receiving information which indicates when the vehicle (1) requires extra propulsive force and when such is the case to using the cooled refrigerant to subject the working medium in the line circuit (10) to a second step of cooling before it is led to the evaporator (12). The condensation temperature of the working medium may thus be lowered and more mechanical energy be generated in 15 the turbine (13).

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

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MAGNETOPLUMBITE-TYPE FERRITE MAGNETIC MATERIAL AND SEGMENT-TYPE PERMANENT MAGNET DERIVED THEREFROM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01F1/11,H01F7/02,C04B35/26 :10-2011-0052109 :31/05/2011 :Republic of Korea	 (71)Name of Applicant : 1)SSANGYONG MATERIALS CORPORATION Address of Applicant :1 85 Woram dong Dalseo gu Daegu 704 320 Republic of Korea
 (86) International Application No Filing Date (87) International Publication No 	:PCT/KR2012/003853 :16/05/2012 :WO 2012/165780	(72)Name of Inventor :1)PARK Kilsoo2)KIM Minho3)LEE Dongyoung
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A ferrite magnetic material comprising a primary phase of a magnetoplumbite-type hexagonal ferrite, the primary phase having a composition represented by formula (I), can provide improved magnetic properties in terms of the residual magnetic flux density (Br), intrinsic coercive force (iHc), squareness (Hk/iHc), and maximum energy product (B.Hmax). Therefore, a segment-type permanent magnet derived therefrom can be used in the manufacture of small type motors for automobiles, motors for electric equipments as well as for home appliances, and other devices.

No. of Pages : 36 No. of Claims : 12

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PUREE COMPOSITIONS HAVING SPECIFIC CARBOHYDRATE RATIOS AND METHODS FOR USING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) International Application No (51) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (52) Divisional to Application NA NA 	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)SAVANT Vivek Dilip 2)HAILE Tesfalidet 3)JIMENEZ Frank Craig 4)BOICE Cynthia Marie 5)WELSH Karlyn Ross 6)ZALTAS Eric Scott 7)GUAN Junjie 8)REAVLIN Lisa Diane
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(57) Abstract :

Nutritional compositions containing carbohydrates for maximizing performance and methods for using same are provided. The nutritional compositions provide a refreshing and easy to consume composition that provides adequate amounts and types of nutrition to provide the body with proper fuel for performance. The performance may be for example athletic academic or other performances requiring physical stamina and/or mental alertness. In an embodiment the nutritional compositions are puree compositions including dextrose dextrose polymers crystalline fructose corn syrup and/or other grain/nut syrups including rice syrup agave syrup and/or palm syrup and at least one pureed fruit and/or vegetable. The compositions have a carbohydrate fraction having glucose and fructose in a weight ratio from about 0.5: 1 to about 5: 1.

No. of Pages : 50 No. of Claims : 30

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MATERIAL FOR PROVIDING AN ELECTRICALLY CONDUCTING CONTACT LAYER A CONTACT ELEMENT WITH SUCH LAYER, METHOD FOR PROVIDING THE CONTACT ELEMENT, AND USES OF THE MATERIAL

 (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 	:H01B1/02 :1150101-2 :09/02/2011 :Sweden :PCT/EP2012/052222 :09/02/2012 :WO 2012/107524 :NA :NA :NA :NA	 (71)Name of Applicant : 1)IMPACT COATINGS AB Address of Applicant :Westmansgatan 29, S-582 16 Linkping Sweden (72)Name of Inventor : 1)LJUNGCRANTZ, Henrik 2)ULRICH, Christian 3)FLINK, Axel 4)JOELSSON, Torbjrn
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(57) Abstract :

A material for providing an electrically conducting contact layer, the material comprising a base material being any one of Ag, Cu, Sn, Ni, a first metal salt of one thereof, or an alloy of one or more thereof. The material further comprises In within a range of 0.01 at.% to 10 at.%, Pd within a range of 0.01 at.% to 10 at.%, and, unless already the base material comprises Sn at a higher amount, Sn within a range of 0.01 at.% to 10 at.%. From such material, a contact layer (6) can be provided that, compared to a coating of only the base material, has improved corrosion resistance and low contact resistance. Also disclosed is: an electrically conducting contact element (2) that comprises a substrate (4) and coated thereon a contact layer (6) comprising the material, a method for providing the contact element (2), and uses of the material as contact layer and target material.

No. of Pages : 28 No. of Claims : 36

(21) Application No.7643/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H04W74/00	(71)Name of Applicant :
(31) Priority Document No	:13/068,494	1)NOKIA SIEMENS NETWORKS OY
(32) Priority Date	:11/05/2011	Address of Applicant :Karaportti 3 FIN 02610 Espoo Finland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/058764	1)WU Chunli
Filing Date	:11/05/2012	2)SEBIRE Benoist Pierre
(87) International Publication No	:WO 2012/152917	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.111/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : CROSS SCHEDULING FOR RANDOM ACCESS RESPONSE

(57) Abstract :

In a random access procedure a downlink random access response indicates at least a timing advance for a component carrier or cell (CC/Cell) of a plurality of component carriers or cells or a group of CCs/Cells to which the timing advance applies. The eNB or UE then operate their radio on the indicated one CC/Cell synchronous with the timing advance. In various embodiments the random access response may also indicate an uplink resource granted to the user equipment which lies on that same one or group of CCs/Cells. There may be an explicit indication of a single bit indicating a timing advance group; a CC/Cell/group index whose presence in the response is indicated by a flag bit; a CC/Cell/group index in the response is known from the response s format whether it includes such an index where the format indication can be via a bit in the response itself or RRC signaling or implicit from the RACH and cross carrier scheduling being configured.

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

(21) Application No.7645/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H04W24/10	(71)Name of Applicant :
(31) Priority Document No	:13/066,227	1)NOKIA SIEMENS NETWORKS OY
(32) Priority Date	:08/04/2011	Address of Applicant :Karaportti 3, FI-02610 Espoo Finland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/056452	1)LUNTTILA, Timo, Erkki
Filing Date	:10/04/2012	2)HUGL, Klaus
(87) International Publication No	:WO 2012/136846	3)RIBEIRO, Cassio
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : REFERENCE SIGNAL PORT DISCOVERY INVOLVING TRANSMISSION POINTS

(57) Abstract :

A method includes receiving information indicating one or more sets of reference signal patterns from a first transmission point, wherein at least one of the indicated one or more sets of reference signal patterns corresponds to one of one or more other transmission points; measuring the channel quality for the indicated sets of reference signal patterns; and reporting indications of the measured channel quality for the indicated one or more sets of reference signal patterns to the first transmission point. Another method includes transmitting information indicating one or more sets of reference signal patterns from a first transmission point to a user equipment, wherein at least one of the indicated one or more sets of reference signal patterns corresponds to one of one or more other transmission points; and receiving from the user equipment indications of measured channel quality for the indicated one or more sets of reference signal patterns corresponds to one of one or more other transmission points; and receiving from the user equipment indications of measured channel quality for the indicated one or more sets of reference signal patterns corresponds to one of one or more other transmission points; and receiving from the user equipment indications of measured channel quality for the indicated one or more sets of reference signal patterns.

No. of Pages : 39 No. of Claims : 54

(21) Application No.7525/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR PRODUCING A LIGNIN FIBER

 (51) International classification :D01F9/17,C07G1/00,D01D1/02 (31) Priority Document No :11501145 (32) Priority Date :14/02/2011 (33) Name of priority country :Sweden (86) International Application No:PCT/SE2012/050141 Filing Date :13/02/2012 (87) International Publication No :WO 2012/112108 (61) Patent of Addition to :NA Filing Date (62) Divisional to Application No:NM NM Number :NA Filing Date :NA NA NA (62) Divisional to Application No:NA NA NA<!--</th--><th>Drottning Kristinas vg 61 SE 114 86 m</th>	Drottning Kristinas vg 61 SE 114 86 m
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(57) Abstract :

Disclosed is a method of producing a continuous lignin fiber from softwood and/or hardwood alkali lignin. The lignin fiber can be further treated to obtain structural carbon fiber.

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

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPONENT ASSEMBLY AND SUSPENSION DEVICE FOR SUPPORTING RAILS AND METHOD FOR PRODUCING SAME

 (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 	:E04B9/20 :10 2011 013 986.9 :15/03/2011 :Germany :PCT/EP2012/001137 :14/03/2012 :WO 2012/123116 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PROTEKTORWERK Florenz Maisch GmbH & Co. KG Address of Applicant :Viktoriastrae 58, 76571 Gaggenau Germany (72)Name of Inventor : 1)MAISCH, Christof
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(57) Abstract :

A component assembly and a Suspension device for supporting rails, in particular for suspended ceilings or the like, are described. The component assembly comprises a first component which is flat at least in certain areas and a second component which is fiat at least in certain areas and fastened to the base part. At least two guide slots extending substantially parallel are formed both in the first component and in the second component. The regions of the first and of the second component that are arranged between the guide slots each form retaining portions. The first component and the second component are plugged together in the longitudinal direction of the guide slots in such a way that the retaining portion of the first component overlaps an overlapping region of the second component that adjoins the retaining portion of the second component in the longitudinal direction of the guide slots and in such a way that the retaining portion of the second component overlaps an overlapping region of the first component that adjoins the retaining portion of the first component in the longitudinal direction of the guide slots. Furthermore, a method for producing such a component assembly is described.

No. of Pages : 42 No. of Claims : 21

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR SEALING AN IMPREGNATION OPENING OF AN ENERGY STORAGE ASSEMBLY

(31) Priority Document No(32) Priority Date(33) Name of priority country	n:H01M2/36,H01G2/10,H01G9/145 :1151352 :18/02/2011 :France	1)BLUE SOLUTIONS Address of Applicant :Odet F 29500 Ergue Gaberic France (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2012/052263 :10/02/2012	1)VIGNERAS Erwan
No	:WO 2012/110408	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for sealing an imprgnation opening of an energy storage assembly including a housing, he opening (24) being provided in one of the walls of the housing and having an outer aperture (24E) and an inner aperture (241), the method comprising: a step of inserting, into the opening through the outer aperture, at least one end portion of a head of a tool that is rotated in a direction corresponding to the axis of the opening, in order to heat an area of the housing in the vicinity of the opening, the head including at least a first cross-section at the base thereof, and a second cross-section that is smaller than the first cross-section at the end thereof; once the area is heated, a step of translating the tool in the direction of the inner aperture so as to move the material in the direction of the inner aperture and to seal the opening by means of the resolidification of the material.

No. of Pages : 20 No. of Claims : 13

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : OVERCOMING RESISTANCE TO ERBB PATHWAY INHIBITORS

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:A61K39/395,A61K31/00,A61K33/00 :61/452,976 :15/03/2011	 (71)Name of Applicant : 1)MERRIMACK PHARMACEUTICALS INC. Address of Applicant :One Kendall Square, Suite B7201, Cambridge, MA 02139 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :1)GARCIA, Gabriela
(86) International Application No Filing Date	:PCT/US2012/029292 :15/03/2012	2)KUBASEK, William 3)LAHDENRANTA, Maria, Johanna 4)MACBEATH, Gavin
(87) International Publication No	:WO 2012/125864	5)MCDONAGH, Charlotte 6)MOYO, Victor
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)ONSUM, Matthew, David 8)SEVECKA, Mark 9)WAINSZELBAUM, Marisa
(62) Divisional to Application Number Filing Date	:NA :NA	10)ZHANG Bo 11)SCHOEBERL Birgit

(57) Abstract :

Provided are methods for overcoming resistance to an ErbB pathway inhibitor, such as an EGFR inhibitor or a HER2 inhibitor. The resistance may be acquired resistance to an EGFR inhibitor, such as acquired resistance to gefitinib. In the methods provided, a subject exhibiting resistance to an ErbB pathway inhibitor is selected and both an ErbB 3 inhibitor and a second ErbB pathway inhibitor are administered to the subject, such as an EGFR inhibitor or a HER2 inhibitor. Also provided are methods for inhibitior. Compositions for overcoming resistance to an ErbB pathway inhibitor, comprising both an ErbB3 inhibitor and a second ErbB pathway inhibitor, such as an EGFR inhibitor, are also provided are methods for inhibitor.

No. of Pages : 130 No. of Claims : 98

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : TOBACCO S	MOKE FILTER	
 (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 	:A24D3/04 :1104475.7 :16/03/2011 :U.K.	 (71)Name of Applicant : 1)FILTRONA FILTER PRODUCTS DEVELOPMENT CO.PTE. LTD Address of Applicant :238A Thomson Road #25 04/05 Novena Square Singapore 307684 Singapore (72)Name of Inventor : 1)MORRIS Ronald Paul 2)LISAN Ahmad Fashihul

(57) Abstract :

A tobacco smoke filter or filter element comprising: a longitudinally extending core which includes tobacco smoke filtering material; and an outer wrapper engaged around the longitudinal extending core; wherein the longitudinally extending core includes one or more channels extending longitudinally upstream from the downstream end of the core; and wherein the downstream end of the outer wrapper extends beyond the downstream end of the core around which is engaged to define a cavity at the downstream end of the filter.

No. of Pages : 25 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/08/2013

(71)Name of Applicant :
 (1) NIVERSITY OF CONNECTICUT Address of Applicant :263 Farmington Avenue, MC 6400, Farmington, CT 06030-6400 U.S.A. (72)Name of Inventor : 1)SUN, Wei 2)SIROIS, Eric 3)PHAM, Thuy, Minh 4)LI, Kewei

(57) Abstract :

A prosthetic heart valve having a stent, a plurality of leaflets positioned within the stent, and a suspension assembly coupled to the leaflets and the stent. The suspension assembly includes a central support structure that is spaced from the plurality of leaflets in the direction of blood flow. A plurality of elongate suspension members are secured to the central support structure, and at least one elongate suspension member is secured to each leaflet of the valve, thereby providing mechanical reinforcement for the leaflets.

No. of Pages : 50 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :30/08/2013

(54) Title of the invention : TOOTHBRUSH HAVING ORAL CARE FLUID DELIVERY

(43) Publication Date : 02/01/2015

(51) International classification :A46B11/00 (71)Name of Applicant : (31) Priority Document No 1)COLGATE PALMOLIVE COMPANY :NA (32) Priority Date Address of Applicant :300 Park Avenue, New York, New :NA (33) Name of priority country York 10022 U.S.A. :NA (86) International Application No :PCT/US2011/030139 (72)Name of Inventor : Filing Date 1)BOYD, Thomas J. :28/03/2011 (87) International Publication No :WO 2012/134435 2)GATZEMEYER, John J. (61) Patent of Addition to Application 3)KENNEDY, Sharon :NA Number 4)JIMENEZ, Eduardo J. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A fluid dispensing toothbrush (100). In one aspect, the toothbrush comprises a body (105) having a reservoir (135) containing an oral care fluid (136) therein, the oral care fluid being delivered to an applicator (132) via capillary action. The toothbrush comprises an actuator (130) for moving either the applicator and/or the reservoir between different positions.

No. of Pages : 44 No. of Claims : 52

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(51) International classification	:G01D4/00	(71)Name of Applicant :
(31) Priority Document No	:11190742.4	1)UBITRICITY GESELLSCHAFT FR VERTEILTE
(32) Priority Date	:25/11/2011	ENERGIESYSTEME MBH
(33) Name of priority country	:EPO	Address of Applicant : Torgauer Strae 12 15 10829 Berlin
(86) International Application No	:PCT/EP2012/072738	Germany
Filing Date	:15/11/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2013/076001	1)HECHTFISCHER, Knut
(61) Patent of Addition to Application	:NA	2)PAWLITSCHEK Frank
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : METERING AND MEASURING POINT SYSTEM FOR MEASURING AND METERING ELECTRICAL POWER/ELECTRICITY AND A METHOD

(57) Abstract :

The invention relates to a metering and measuring point system for measuring and metering the electrical power/electricity which is tapped and/or supplied by a consumer/generator unit at a fixed geographical point from a tap and/or supply device. The system comprises one or more stationary tap and/or supply devices connected to the electrical grid and suitable for tapping and/or supplying electrical power/electricity which is tapped and/or supplied by consumer/generator units as well as at least one identifiable and portable functional unit for measuring and metering the electrical power/electricity that is tapped or supplied either conductively by means of an electric conductor or inductively by consumer/generator units connected to one or more stationary tap and/or supply devices. A measurement device is associated with each of the plurality of tap and/or supply devices and is suitable for measuring at least one physical parameter that represents the electrical power transferred by each tap and/or supply device and a measurement device is associated. In addition a means for comparison is provided which compares the at least one physical parameter measured on the connection side with the at least one physical parameter measured on the tap side and/or supply side. The invention also relates to a method for measuring and billing electric current independently of location.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR CONTROLLING A PROTECTIVE GAS ATMOSPHERE IN A PROTECTIVE GAS CHAMBER FOR THE TREATMENT OF A METAL STRIP

 (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 	:Austria :PCT/AT2012/000013 :30/01/2012	 (71)Name of Applicant : 1)ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH Address of Applicant :Stattegger Strasse 18 A 8045 Graz Austria (72)Name of Inventor : 1)HAMMAN Martin 2)VALLEE Jerome
		2)VALLEE Jerome
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The subject matter of said invention is formed by a method for controlling the atmosphere in a protective gas chamber (2) for the continuous treatment of metal strips (3). Here the metal strip (3) is guided into and out of the protective gas chamber (2) via locks (4). At least one lock (4) has at least two sealing elements (5 6) for the metal strip (3) which runs through it with the result that a sealed chamber (7) is formed between the two sealing elements (5 6). According to the invention the gas pressure (P2 P) is measured in the protective gas chamber (2) and in the sealed chamber (7) of the lock (4) and the pressure (P) in the sealed chamber (7) is regulated to be precise in such a way that during operation the differential pressure between the protective gas chamber (2) and the sealed chamber (7) is kept as far as possible to an optimum value.

No. of Pages : 23 No. of Claims : 8

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR GRADING ARTICLES AND SELECTIVELY MIXING GRADED ARTICLES

 (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 Eiling Date 	:02/02/2012 :WO 2012/106494 :NA :NA :NA	 (71)Name of Applicant : LAITRAM L.L.C. Address of Applicant :Legal Department 200 Laitram Lane Harahan Louisiana 70123 U.S.A. (72)Name of Inventor : LAPEYRE Robert S. GREVE Christopher G.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Apparatus and methods for grading products and forming predetermined mixes of graded products. Graders sort products into different grades. The graded products are formed into batches of known quantity. Each batch is designated for deposit in a bin specified to have a certain mixture of graded products. A conveyor conveys the batches to the designated bin. The quantity of each batch is determined by count or weight.

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

(21) Application No.7536/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PRE IGNITION CONTROL (51) International classification :F02D35/02,F02D41/00 (71)Name of Applicant : (31) Priority Document No :13/070710 1)FORD GLOBAL TECHNOLOGIES LLC (32) Priority Date :24/03/2011 Address of Applicant : Fairlane Plaza South Suite 800 330 (33) Name of priority country Town Center Drive Dearborn Michigan 48126 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/059160 (72)Name of Inventor : **1)GLUGLA Chris Paul** Filing Date :03/11/2011 :WO 2012/128791 (87) International Publication No 2)BASKINS Robert Sarow (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Methods and systems are provided for addressing cylinder to cylinder imbalances in the incidence of pre ignition and/or knock. Engine cylinders are fueled based on each cylinder s pre ignition count to balance the incidence of pre ignition in each cylinder. The fueling is adjusted to maintain engine exhaust at stoichiometry.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOZZLE FOR CREATING A WATER HEAT SHIELD WHEN FLARING WASTE GASES (51) International classification :B05B1/06,B05B1/14 (71)Name of Applicant : (31) Priority Document No 1)SWT AS :20110306 (32) Priority Date Address of Applicant : Flyplassveien 214 N 4050 Sola Norway :24/02/2011 (72)Name of Inventor : (33) Name of priority country :Norway :PCT/NO2012/050028 (86) International Application No **1)SOLTVEDT Terje Morten** Filing Date 2)SOLTVEDT Daniel :23/02/2012 (87) International Publication No :WO 2012/115524 3)TJ~RHOLM Sven Egil (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention provides a nozzle 1 for generating a water shield, the nozzle comprises a nozzle body 2 being hollow and having a substantially circular cir cumference, said nozzle body comprises a first and second end 3,4 and an inner 7 and an outer 6 surface, the first end 3 is open and has a construction suited for coupling to a source of pressurized water, and the second end 4 is closed, the nozzle body further comprises multiple holes 5 extending from the inner to the outer surface, the holes arranged in at ® f least one row extending around at least parts of the substantially circular circumference, the holes having a cross-sec tion at the inner and outer surface of the nozzle body, wherein the cross-section of the holes 5 has a larger area at the inner surface 7 of the nozzle body than at the outer surface 6.

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

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS OF FOAM CONTROL		
 (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 	:C12N1/20,C12N1/00 :61/469,067 :29/03/2011 :U.S.A.	 (71)Name of Applicant : 1)DANISCO US INC. Address of Applicant :925 Page Mill Road, Palo Alto, CA 94304 U.S.A. (72)Name of Inventor : 1)HENG, Meng, H. 2)BODO Michael

(57) Abstract :

The invention relates to a method for decreasing foam formation as well as maximizing expression of a biosurfactant in a microorganism. The methods encompasses precipitating biosurfactant from the microorganism which results in decreased form formation.

No. of Pages : 62 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :30/08/2013

(54) Title of the invention : PERCUTANEOUS ARTHRODESIS METHOD AND SYSTEM

(43) Publication Date : 02/01/2015

(51) International classification :A61F2/44,A61B17/70 (71)Name of Applicant : :13/028,310 (31) Priority Document No 1)AMENDIA, INC. (32) Priority Date :16/02/2011 Address of Applicant :1755 West Oak Pkwy, Marietta, GA 30062 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/058737 (72)Name of Inventor : Filing Date 1)SCHELL, Gerald :01/11/2011 (87) International Publication No :WO 2012/112196 2)ANDERSON Tracy Scott (61) Patent of Addition to Application **3)ANDERSON Alan Scott** :NA Number **4)BARRA Kenneth Richard** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method and system for percutaneous fusion to correct disc compression is presented. The method has several steps for instance inserting a percutaneous lumbar interbody implant; positioning guide wires for each facet screw to be implanted; performing facet arthrodesis in preparation for the facet screws; fixating the plurality of facet screws; and optionally performing foramen nerve root or central decompression. The system includes an implant an elongate cannulated insertion tool and an elongate lockshaft positioned within the insertion tool.

No. of Pages : 54 No. of Claims : 60

(21) Application No.7541/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : A FIRE PROTECTION SYSTEM FOR WIDE FLANGE STEEL COLUMNS AND BEAMS

 (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 	:16/11/2011	 (71)Name of Applicant : 1)RAMOS Proceso P. Address of Applicant :610 C. Raymundo Ave. Maybunga Pasig City 1607 Phillipines (72)Name of Inventor : 1)RAMOS Proceso P.
Application Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to a fire protection of structural columns (12) and beams (14) but more particularly to a fire protection system of wide flange steel columns and beams by means of a plurality of gypsum boards (18) being secured to a full length slip on encasement frames (20) attached to a wide flange column or beams.

No. of Pages : 16 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ALISPORIVIR TO TREAT HEPATITIS C VIRUS INFECTION

 (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 	:61/470,152 :31/03/2011 :U.S.A. :PCT/EP2012/055719 :29/03/2012 :WO 2012/130996 :NA :NA :NA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35, CH 4056 Basel Switzerland (72)Name of Inventor : 1)AVILA, Claudio
Filing Date	:NA	

(57) Abstract :

The disclosure concerns the use of cyclophilin inhibitors in the treatment of chronic Hepatitis C virus infection.

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

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RADIOLABELLED OCTREOTATE ANALOGUES AS PET TRACERS

 (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 	:01/03/2011 :U.S.A. :PCT/US2012/027168 :01/03/2012 :WO 2012/118909	 1)GE HEALTHCARE LIMITED Address of Applicant :Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA U.K. 2)IMPERIAL COLLEGE 3)MEDI PHYSICS, INC. (72)Name of Inventor : 1)LUTHRA ,Sajinder Kaur 2)LEYTON, Julius 3)ABOAGYE, Eric, Ofori 4)IDDON, Lisa
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	5)INDREVOLL, Bard 6)GLASER, Matthias Eberhard 7)CUTHBERTSON, Alan

(57) Abstract :

Novel radiotracers) for Positron Emission Tomography (PET) imaging are described. Novel radiotracers) for Positron Emission Tomography (PET) imaging of neuorendocrine tumors are described. Specifically the present invention describes novel [18F]Fluoroethyltriazol-[Tyr3]Octreotate analogs; in particular those that target somatostatin receptors found on the cell surface of gastroenteropancreatic neuorendocrine tumors. The present invention also describes intermediate(s), precursors), pharmaceutical composition(s), methods of making, and methods of use of the novel radiotracer(s).

No. of Pages : 71 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

IRON PRODUCTION OR OF SYNTHESIS GAS :C21B5/06,C21B7/00 (71)Name of Applicant : (51) International classification (31) Priority Document No **1)SIEMENS VAI METALS TECHNOLOGIES GMBH** :A369/2011 (32) Priority Date :17/03/2011 Address of Applicant : Turmstrae 44, A-4031 Linz Austria (33) Name of priority country (72)Name of Inventor : :Austria (86) International Application No 1)MILLNER. Robert :PCT/EP2012/053979 Filing Date :08/03/2012 2)PLAUL, Jan-Friedemann (87) International Publication No :WO 2012/123322 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PROCESS FOR REGULATING THE JOULE VALUE OF OFFGASES FROM PLANTS FOR PIG

(57) Abstract :

The invention relates to a process and a plant for regulating the joule value of offgases from plants for pig iron production having integrated C0 2 removal plants or of synthesis gas from plants for synthesis gas production having integrated C0 2 removal plants, where at least part of the offgas or synthesis gas is discharged as export gas (12) from the plant for pig iron or synthesis gas production, optionally collected in an export gas Container (13) and subsequently thermally utilized in a gas turbine (28), where the offgas from the gas turbine is fed to a waste heat boiler (29) for the generation of steam. In order to reduce the addition of high-grade fuel gases, it is proposed that at least part of the tailgas (20) from the CO2 removal plant (14) is mixed into the export gas (12) upstream of the gas turbine (28) as a function of the joule value of the export gas after addition of the tailgas, where o the proportion of tailgas is increased when the joule value of the export gas (12) goes above a predefined maximum joule value and the proportion of tailgas is reduced when the joule value of the export gas (12) drops below a predefined minimum joule value.

No. of Pages : 36 No. of Claims : 12

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : POWDERY MILDEW RESISTANCE PROVIDING GENES IN CUCUMIS SATIVUS

(51) International classification(31) Priority Document No(32) Priority Date	:C07K14/415,C12N15/82,A01H5/00 :PCT/EP2011/053054 :01/03/2011	Address of Applicant :Haling 1E, NL-1602 DB Enkhuizen Netherlands
(33) Name of priority country	:EPO	2)KEYGENE N.V. (72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/052843 :20/02/2012	1)DIERGAARDE, Paul Johan 2)VAN ENCKEVORT Leonora Johanna Gertruda 3)POSTHUMA Karin Ingeborg
(87) International Publication No	¹ :WO 2013/017293	4)PRINS Marinus Willem
(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 powdery mildew resistance providing genes of the Cucumis family, and especially Cucumis sativus, wherein said resistance is provided by impairment of the present genes. Further, the present invention relates plants comprising the present impaired resistance conferring genes and seeds, embryos or other propagation material thereof. Especially, the present invention relates to powdery mildew resistance conferring genes, wherein the amino acid sequence encoded by said res - istance conferring gene is selected from the group consisting of SEQ ID No. 2, SEQ ID No. 4, SEQ ID No. 6, SEQ ID No. 8, SEQ ID No. 10, SEQ ID No. 12, SEQ ID No. 14, SEQ ID No. 16, SEQ ID No. 18, SEQ ID No. 20 and SEQ ID No. 22, and amino acid sequences with more than 70% identity, preferably more than 80% identity, more preferably more than 90% identity, and most preferably more than 95% identity.

No. of Pages : 54 No. of Claims : 11

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention · CONDUCTIV	/E FIBER MATERIALS	
 (54) Title of the invention : CONDUCTIN (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 	/E FIBER MATERIALS :H01B1/00 :61/449,744 :07/03/2011 :U.S.A. :PCT/EP2012/053808 :06/03/2012 :WO 2012/120006	 (71)Name of Applicant : 1)CNR Consiglio Nazionale delle Ricerche Address of Applicant :Piazzale Aldo Moro 7 I 00185 Roma Italy 2)ALMA MATER STUDIORUM UNIVERSIT DI BOLOGNA (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)BONFIGLIO Annalisa 2)FRABONI Beatrice 3)MATTANA Giorgio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a conductive fiber material comprising a base fiber material (1) including a textile fiber a plurality of nanoparticles (20) deposited on an external surface (10) of said base fiber material said nanoparticles including one or more metals or metal oxides and a conductive polymer layer deposited on said external surface including nanoparticles.

No. of Pages : 44 No. of Claims : 16

(19) INDIA

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

(54) Title of the invention : ELECTRICAL PLUG TYPE CONNECTOR

(43) Publication Date : 02/01/2015

(51) International classification	:H01R13/645	(71)Name of Applicant :
(31) Priority Document No	:10 2011 005 301.8	1)TYCO ELECTRONICS AMP GMBH
(32) Priority Date	:09/03/2011	Address of Applicant : Amperestrasse 12 14 64625 Benshein
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/053865	(72)Name of Inventor :
Filing Date	:07/03/2012	1)ZAPF Joachim
(87) International Publication No	:WO 2012/120024	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electrical plug type connector comprises a housing of electrically insulating material and an electrically conductive first contact element for transmitting an electrical signal. The housing of the plug type connector has an encoding lug of electrically insulating material. An electrically conductive second contact element is further arranged in the encoding lug.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SELECTIVELY ATTACHABLE LENSES FOR COMMUNICATION DEVICES

(31) Priority Document No(32) Priority Date	a:G02B7/02,H04N5/225,H04M1/02 :61/454,136 :18/03/2011 :U.S.A. :PCT/US2012/027888	 (71)Name of Applicant : 1)PREMIER SYSTEMS USA INC. Address of Applicant :16291 Gothard Street Huntington Beach CA 92647 U.S.A. (72)Name of Inventor :
No Filing Date (87) International Publication	:06/03/2012	1)O'NEIL Patrick
No (61) Patent of Addition to	:WO 2012/128936 :NA	
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Some embodiments disclosed herein relate to a lens component having one or more lenses attached to a retainer portion configured to removably attach to communication devices such as mobile phones tablet computers media players and the like. The retainer portion may be configured so as not to interfere with a user s view of a display panel of the communication device. In some embodiments a plurality of lenses may be provided and the lenses may be removably attached to the retainer portion and may be interchangeable. A structure for providing a flash may also be provided. In some embodiments additional features may be provided such as attachment components to facilitate attachment to stability devices such as tripods and to user wearable accessories.

No. of Pages : 72 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 02/01/2015

 (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 	:F02M47/02,F02M57/00 :10 2011 006 975.5 :07/04/2011 :Germany :PCT/EP2012/052990 :22/02/2012 :WO 2012/136406 :NA :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)STOECKLEIN Wolfgang 2)BERGHAENEL Bernd 3)BEIER Marco 4)WANG Changyi 5)RAPP Holger 6)CLAUSS Helmut
(62) Divisional to Application Number Filing Date	:NA :NA	0)ULAUSS Heimut

(54) Title of the invention : FUEL INJECTOR

(57) Abstract :

The invention relates to a fuel injector for a fuel injection system, in particular a common rail injection system, comprising a jet needle (2) which is guided in a stroke-movable manner in a high-pressure bore (1) of the fuel injector, wherein an injection opening (3) can be opened and closed via the stroke movement of said jet needle, and a fuel or pressure sensor (4) having at least one sensor element (5) made of a piezo electrical material for detecting characteristic pressure changes during opening and closing of the jet needle (2). According to the invention, the fuel or pressure sensor (4) is arranged in a low pressure region (6) of the fuel injector and can be loaded directly or indirectly by an axial force (FA) upon opening and closing of the jet needle (2), which is proportional to the control chamber pressure in a control chamber (7). The sensor element (5) of the force or pressure sensor (4) is furthermore directly or indirectly electrically connected to a housing part (12) of the fuel injector via at least one contact surface (9) or an electrode (10) designed thereupon, in order to produce a ground connection (11).

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

(21) Application No.7679/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

 (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 	:10 2011 011 132.8 :10/02/2011 :Germany	 (71)Name of Applicant : HOCHSCHULE MITTWEIDA (FH) Address of Applicant :Technikumplatz 17 09648 Mittweida Germany (72)Name of Inventor : REGENFUSS Peter STREEK Andre
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : METHOD AND DEVICE FOR BREAKING UP ORE

(57) Abstract :

The invention relates to methods and devices for breaking up ore. The methods and devices are characterised in particular in that ore mineral or ore minerals can be subsequently easily extracted. For this purpose coherent NIR radiation non coherent NIR radiation at least one electric alternating field having a frequency greater than 300GHz, at least one magnetic alternating field having a frequency greater than 300GHz, at least one electromagnetic alternating field having a frequency greater than 300GHz, or a combination thereof are respectively applied to the ore at least once by means of a device for generating the radiation the at least one alternating field wherein ore mineral ore minerals absorbent components or ore minerals and absorbent components of the ore absorb(s) energy from the radiation the alternating field or the radiation and the alternating field and said energy is not or is only slightly absorbed by the lode matter. Thus advantageously cracks are formed in the ore or the ore splits by means of the resulting stresses.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : INFORMATION PROVIDING SERVER INFORMATION PROVIDING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:G07B15/00,G06Q30/02,G06Q50/30 :2011-048490 :07/03/2011 :Japan :PCT/JP2012/051816 :27/01/2012	 (71)Name of Applicant : 1)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : 1)AIZONO Toshiko 2)SUZUKI Kei 3)YOSHIMOTO Masayoshi
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2012/120938 :NA :NA :NA :NA	

(57) Abstract :

The purpose of this invention is to provide a technique capable of providing information to a user on a ticket gate machine during a time period such that the user is not hindered from passing smoothly through the ticket gate machine. This information providing server maintains a content correspondence list which describes the correspondence relation between the information which is to be presented by the ticket gate machine and the station user to whom the information is to be presented by the ticket gate machine and for each prescribed time slot transmits to the ticket gate machine the content correspondence list to be used until the following time slot

No. of Pages : 71 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTAINMENT UNIT FOR MARINE HYDROCARBONS AND METHOD OF USING SAME

(51) International classification	:E21B43/01,B63C7/00	(71)Name of Applicant :
(31) Priority Document No	:61/439,352	1)MARQUIX INC.
(32) Priority Date	:03/02/2011	Address of Applicant :5380 West 34th Street Box 249
(33) Name of priority country	:U.S.A.	Houston TX 77092 U.S.A.
(86) International Application No	:PCT/US2012/023839	(72)Name of Inventor :
Filing Date	:03/02/2012	1)COOK Ronald
(87) International Publication No	:WO 2012/106642	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention generally relates to containment and control of an oil spill caused by a damaged or broken riser in deepwater. More specifically the present invention relates to a reusable unit that will contain oil spills to a specific location and will also allow oil to be harvested as it flows to the top of the unit while minimizing or even eliminating any environmental clean up cost. The unit of the present invention is dropped over a damaged or broken riser in a closed positin the unit is released and stabilized in sections until the surface is reached and the containment unit is completely erected.

No. of Pages : 33 No. of Claims : 36

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : VEGETARIAN FEEDING METHOD FOR CARNIVOROUS FISH AND SHRIMP WITH *SPIRULINA* AND *CHLORELLA ALGAE* USING ELECTROLYSED WATER AND SODIUM THIOSULFATE GUAR AND OLIGOFRUCTANS AS ADDITIVES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	a :A01G33/00,A23K1/00,A23K1/16 :213/11 :05/02/2011 :Switzerland	 (71)Name of Applicant : 1)STEFFEN Hanspeter Address of Applicant :Dorfstrasse 84 CH 3473 Alchenstorf Switzerland
 (86) International Application No Filing Date (87) International Publication No 	:PCT/CH2012/000029 :03/02/2012 :WO 2012/103662	(72)Name of Inventor : 1)STEFFEN Hanspeter
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a feeding method and to the technology for producing a vegetarian food for carnivorous fish; the food is produced from and that are cultured and produced by cell proliferation in culture tanks in electrolysed nutrient water that has been treated with sodium thiosulfate to neutralise chlorine and are subsequently dried and with the addition of preferably 0.3% of guar gum powder and preferably 1 2% of oligofructan powder and with the addition of 10% electrolysed water for sterilisation are pelleted and packaged. The fully vegetarian fish food produced by said method can be used for carnivorous fish without the fish suffering from diarrhoea. As a result the water in the fish breeding tanks does not become immoderately eutrophic through excessive turbidity causing impurities and at the same time the daily weight gain of the fish is not affected. In addition an optimum daily growth rate and a fish flesh quality having optimum sensory properties can be achieved without the use of animal and fish based proteins in the fish food ration. The administration of said novel fully vegetarian fish food is also inexpensive and ecologically sustainable and ethically acceptable since it contributes to the rescue of the remaining fish stocks in waters worldwide.

No. of Pages : 30 No. of Claims : 8

(21) Application No.7687/DELNP/2013 A

(19) INDIA(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TRANSPLANTATION OF COLON MICROBIOTA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:61/450,838 :09/03/2011 :U.S.A. :PCT/US2012/028484	 (71)Name of Applicant : 1)REGENTS OF THE UNIVERSITY OF MINNESOTA Address of Applicant :Office for Technology Commercialization 1000 Westgate Drive Suite 160 Saint Paul Minnesota 55114 8658 U.S.A.
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:09/03/2012 :WO 2012/122478 :NA :NA :NA :NA	 (72)Name of Inventor : 1)SADOWSKY Michael J. 2)KHORUTS Alexander 3)WEINGARDEN Alexa R. 4)HAMILTON Matthew J.

(57) Abstract :

The present invention provides compositions that include an extract of human feces and methods for using such

compositions including methods for replacing or supplementing or modifying a subject s colon microbiota and methods for treating a disease pathological condition and/or iatrogenic condition of the colon.

No. of Pages : 51 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTROL DEVICE

 (51) International classificatio (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 	n :B65B1/32,G01G9/00,G01G17/00 :10 2011 007 269.1 :13/04/2011 :Germany :PCT/EP2012/053572 :01/03/2012 :WO 2012/139812 :NA :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)SCHLIPF Jens 2)RUNFT Werner 3)MAGA Iulian 4)VOGT Martin
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(57) Abstract :

The invention relates to a control device (10) comprising a radiation source (17) which is embodied, in particular, as an X-ray source for irradiating a pharmaceutical product (1) embodied, in particular as a capsule, a detector (18) for detecting radiation after irradiating the pharmaceutical product (1), a tube or shaft-shaped supply device (15) which is preferably arranged vertically at least in the region of the beam path (16) of the radiation source (17) for feeding the pharmaceutical product (1) into the beam path (16) of the radiation source (17), and means (25) for positioning and releasing the pharmaceutical product (1) in the region of the radiation beam (16) of the radiation source (17). According to the invention, the tube or shaft-shaped supply device (15) has a cross-section in the region of the beam path (16) which is greater than the cross-section of the pharmaceutical product (1), and that during irradiation, respectively only one pharmaceutical product (1) is arranged in the region of the beam path (16) of the radiation source (17).

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

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND DEVICE FOR OPERATING A PIEZO ACTUATOR

 (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 	:F02D41/20,F02D41/24 :102011007359.0 :14/04/2011 :Germany :PCT/EP2012/054639 :16/03/2012 :WO 2012/139851 :NA :NA :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)PORTEN Guido 2)MENG Jan Mathias
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(57) Abstract :

The invention relates to a method for operating a piezo actuator (12) which can be actuated by means of an activation signal. The piezo actuator can be operated in a passive operating mode and in an active operating mode. The piezo actuator (12) is actuated without a functional actuation demand if the piezo actuator (12) is in a passive operating mode.

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

(19) INDIA

(22) Date of filing of Application :29/08/2013

(54) Title of the invention : THROTTLE DEVICE

(43) Publication Date : 02/01/2015

:F02D9/10,F16D1/072	(71)Name of Applicant :
:10 2011 005 790.0	1)ROBERT BOSCH GMBH
:18/03/2011	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
:Germany	Germany
:PCT/EP2012/050552	(72)Name of Inventor :
:16/01/2012	1)SCHAEFER Wolfgang
:WO 2012/126642	2)GLEMSER Ralph
·NA	
.111/1	
:NA	
:NA	
	:10 2011 005 790.0 :18/03/2011 :Germany :PCT/EP2012/050552 :16/01/2012 :WO 2012/126642 :NA :NA :NA

(57) Abstract :

Throttle device (1) for changing the gas quantity which can be guided through a gas tube for an internal combustion engine, comprising a housing (2), a gas channel (3), a throttle shaft (4), a throttle body (5), for example a throttle valve (6), which can be moved by means of the throttle shaft (4), a drive element (7), for example a gearwheel (9), which is connected to the throttle shaft (4), wherein the drive element (7) or the throttle shaft (4) has teeth or a profiling, and a plastically reshaped part (16) of the throttle shaft (4) or of the drive element (7) engages into intermediate spaces between the teeth or the profiling (13), as connection between the drive element (7) and the throttle shaft (4).

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

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : WIPER BLAD	DE ADAPTER DEVICE	
(51) International classification	:B60S1/38,B60S1/40	(71)Name of Applicant :
(31) Priority Document No	:10 2011 007 248.9	1)ROBERT BOSCH GMBH
(32) Priority Date	:13/04/2011	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/054109	(72)Name of Inventor :
Filing Date	:09/03/2012	1)BENNER Andreas
(87) International Publication No	:WO 2012/139825	2)LICHTENTHALER Eckhard
(61) Patent of Addition to Application Number	:NA	3)OBERT Mike
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a wiper blade adapter device having a wiper arm adapter (10) and a wiper blade adapter (12). The wiper blade adapter device comprises a pivot bearing unit (14) which is provided to rotatably mount the wiper arm adapter (10) and the wiper blade adapter (12) in an assembly process relative to each other around a vertical axis (16).

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

(21) Application No.7598/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONVERTING SYSTEM FOR FABRICATING TAPED DIAPERS AND PANT DIAPERS

(51) International classification	:A61F13/15	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:NA	Address of Applicant :One Procter & Gamble Plaza Cincinnati
(33) Name of priority country	:NA	Ohio 45202 U.S.A.
(86) International Application No	:PCT/US2011/030288	(72)Name of Inventor :
Filing Date	:29/03/2011	1)LAVON Gary Dean
(87) International Publication No	:WO 2012/134444	2)NEASE Michael Gary
(61) Patent of Addition to Application	:NA	3)HUANG Gene Xiaoqing
Number	:NA	4)BARNHORST Jacob Alan
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

Aspects of the apparatuses and methods according to the present disclosure relate to a converting system including a plurality of apparatuses for the fabrication of absorbent articles. Some of the apparatuses may be designed to operate in a first configuration to produce a plurality of taped diapers. And some of the apparatuses may be designed to operate in a second configuration to produce a plurality of pant diapers. The apparatuses whether designed to operate in the first configuration or the second configuration utilize a substantial number of the same processes and machinery to produce taped diapers.

No. of Pages : 75 No. of Claims : 11

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BAINITE CONTAINING HIGH STRENGTH HOT ROLLED STEEL PLATE WITH EXCELLENT ISOTROPIC WORKABILITY AND PROCESS FOR PRODUCING SAME

(51) International classification(31) Priority Document No(32) Priority Date	n:C22C38/06,C22C38/58,C21D8/02 :2011-079658 :31/03/2011	(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No Filing Date	:PCT/JP2012/058337 :29/03/2012	Tokyo 1008071 Japan (72)Name of Inventor : 1)YOKOI Tatsuo
(87) International Publication No	:WO 2012/133636	2)SHUTO Hiroshi 3)OKAMOTO Riki
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)FUJITA Nobuhiro 5)NAKANO Kazuaki 6)YAMAMOTO Takeshi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a bainite-containing-type high-strength hot-rolled steel sheet. The steel sheet, containing C: greater than 0.07 to 0.2%, Si: 0.001 to 2.5%, Mn: 0.01 to 4%, P: 0.15% or less, S: 0.03% or less, N: 0.01% or less, AI: 0.001 to 2% and a balance being composed of Fe and impurities, has an average value of pole densities of the $\{100\}<011>$ to $\{223\}<110>$ orientation group at a sheet thickness center portion being a range of 5/8 to 3/8 in sheet thickness from the surface of the steel sheet is 4.0 or less, and a pole density of the $\{332\}<113>$ crystal orientation is 4.8 or less, an average crystal grain diameter is 10 µm or less and vTrs is - 20°C or lower, and a microstructure is composed of 35% or less in a structural fraction of pro-eutectoid ferrite and a balance of a low-temperature transformation generating phase.

No. of Pages : 73 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(••)		t
(51) International classification	:A47J31/52	(71)Name of Applicant :
(31) Priority Document No	:11158017.1	1)NESTEC S.A.
(32) Priority Date	:14/03/2011	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/054348	(72)Name of Inventor :
Filing Date	:13/03/2012	1)YOAKIM Alfred
(87) International Publication No	:WO 2012/123440	2)AIT BOUZIAD Youcef
(61) Patent of Addition to Application	. NT A	3)AGON Fabien Ludovic
Number	:NA	4)KOLLEP Alexandre
Filing Date	:NA	5)GAVILLET Gilles
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastrast		1

(54) Title of the invention : AUTOMATIC BEVERAGE MACHINE

(57) Abstract :

The invention pertains to the field of the beverage preparation machines having an ingredient processing module for preparing a beverage with at least one ingredient supplied with a capsule. The machine comprises a positioner arranged to hold at least one capsule out of the ingredient processing module. It further comprises a sensing arrangement adapted to detect an event related to the insertion by a user of a capsule and/or the presence of the capsule on or into the positioner. The machine is configured, upon detection of the event, to transfer the capsule to the ingredient processing module by using transfer means, and then to start the preparation of the beverage. More particularly, the invention relates to a machine providing a convenient and safe solution to fully automate the preparation of a beverage.

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

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LACTOBACILLUS PARACASEI NCC2461 (ST11) FOR USE BY PERINATAL MATERNAL ADMINISTRATION IN THE REDUCTION AND PREVENTION OF ALLERGIES IN PROGENY

Name of Applicant :
NESTEC S.A.
Address of Applicant : Avenue Nestl 55 CH 1800 Vevey
zerland
Name of Inventor : /IERCENIER Annick /UERCHER Adrian NUTTEN Sophie VIEDERMANN Ursula SCHABUSSOVA Irma
VI

(57) Abstract :

The present invention provides a probiotic, Lactobacillus paracasei NCC 2461, i.e. STI 1, for use by administration to expectant females and/or lactating mothers, and to their progeny for the reduction or prevention of the development of allergic immune responses in progeny. A daily dose of STI 1 is administered to a pregnant woman for at least two weeks before delivery and, after delivery, the daily dose of STI 1, is administered to the lactating mother or the newborn infant for at least two months, either directly or via the mothers milk. The infant immune responses to allergens are thus reduced, resulting in a dampened allergic response. Thus allergy, including atopy, may be prevented in the progeny.

No. of Pages : 35 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(51) International classification	:A47J31/36	(71)Name of Applicant :
(31) Priority Document No	:11159301.8	1)NESTEC S.A.
(32) Priority Date	:23/03/2011	Address of Applicant : Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2012/055047	(72)Name of Inventor :
Filing Date	:22/03/2012	1)M–RI Peter
(87) International Publication No	:WO 2012/126971	2)AGON Fabien Ludovic
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
$(77) \mathbf{A1} \mathbf{A} \mathbf{I} \mathbf{A} \mathbf{I} \mathbf{A} \mathbf{I} \mathbf{A} \mathbf{I} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} \mathbf{A} A$		•

(54) Title of the invention : BEVERAGE MACHINE WITH A COVER FOR AN INGREDIENT INLET

(57) Abstract :

A machine (1) for preparing a beverage from at least one ingredient (2) comprises: an ingredient processing module (3); an ingredient passage (4) having an ingredient mouth (41) for inserting along an insertion direction (42) an ingredient from outside such machine (1) into the ingredient processing module; and a cover (5) pivotable between a position covering the ingredient passage and a position uncovering the ingredient passage, The cover (5) is pivotable about a pivoting axis (51) that is generally parallel to the insertion direction (42) and/or that is generally perpendicular to the mouth (41) of the passage (4).

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

(21) Application No.7548/DELNP/2013 A

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

(43) Publication Date : 02/01/2015

:B04C5/04	(71)Name of Applicant :
:1106573.7	1)SIEMENS PLC
:19/04/2011	Address of Applicant : Faraday House Sir William Siemens
:U.K.	Square Frimley Camberley GU16 8QD U.K.
:PCT/EP2012/057074	(72)Name of Inventor :
:18/04/2012	1)CRAIG Ian Mervyn
:WO 2012/143390	
٠NTA	
INA	
:NA	
:NA	
	:1106573.7 :19/04/2011 :U.K. :PCT/EP2012/057074 :18/04/2012 :WO 2012/143390 :NA :NA :NA

(54) Title of the invention : CYCLONE WITH A PLURALITY OF INLET DUCTS

(57) Abstract :

A cyclone comprises a cyclone body (4) a plurality of inlet ducts (12) and an outlet (10). A first end (13) of each of the inlet ducts is coupled to a down comer and a second end (14) of each of the inlet ducts is coupled to the cyclone body. The down comer (8) proximate the cyclone body is co axial with and mounted to the cyclone body on a support and each inlet duct exits the down comer radially (23) and enters the cyclone body tangentially (24).

No. of Pages : 16 No. of Claims : 7

(21) Application No.7668/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DISPLAY SYSTEM, DISPLAY DEVICE, AND RELAY DEVICE

(57) Abstract :

A reproduction signal output from a reproduction device is output via a relay device to two or more display devices including an excellent display device that is used by being mounted on the head of a user. A connection monitoring circuit in a front end box 40 monitors both a +5V signal of a source appliance that is HDMI-connected to an HDMI input unit 501, and an HPD signal of a sink appliance that is HDMI-connected to a second output unit 503. Then, only when an HPD signal emitted by the HDMI sink appliance is detected together with a +5V signal emitted by the HDIM source appliance does the connection monitoring circuit in the front end box 40 enables a repeater function with respect to the HDMI sink appliance.

No. of Pages : 82 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : HEAD-MOUNTED DISPLAY

 (51) International classification (31) Priority Document No (2011-048424 (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (87) International Publication No (87) International Publication No (87) International Publication No (87) International Publication So (87) International Publication No (87) International Publication So (87) International Publication No (87) International Publication So (87)	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1-7-1 Konan, Minato-Ku, Tokyo 1080075, Japan Japan (72)Name of Inventor : 1)KURA Junpei 2)MITSUI Takeo 3)SAKAGUCHI Masayuki
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(57) Abstract :

A head mount display used in a state worn on the head of a user is provided. In a worn state, a forehead support 102 comes in contact with the forehead of the user, and an upper band 104 and a lower band 105 of the headband come in contact with the back of the head. That is, the head mount display is worn on the head of the user with a three-point support by the forehead support 102, the upper band 104, and the lower band 105. Thus, unlike a structure similar to glasses whose weight is mainly supported by a nose piece, the head mount display can be worn while easing the strain on the user by distributing the load of the device over the entire head.

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

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FORTIFIED MILK BASED NUTRITIONAL COMPOSITIONS

 (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 	:A23L1/29,A23C9/152,A23C9/20 :13/092,186 :22/04/2011 :U.S.A. :PCT/US2012/030524 :26/03/2012 :WO 2012/145126 :NA :NA :NA	 (71)Name of Applicant : 1)MJN U.S. HOLDINGS LLC Address of Applicant :2701 Patriot Boulevard 4th Floor Glenview IL 60026 U.S.A. (72)Name of Inventor : 1)LIPPMAN Hugh 2)GAYGADZHIEV Zafir 3)ORISKY Linda 4)WEIR Cathy
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(57) Abstract :

A nutritional composition which includes up to about 5.5 g/100 kcal of a fat or lipid source; up to about 6 g/100 kcal of a protein source; and a source of carbohydrates such that the nutritional composition has up to about 18 g/100 kcal of total carbohydrates, wherein at least 60% of the total carbohydrates comprises fructose, lactose or combinations thereof.

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

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE AND METHOD FOR PRODUCING A SHAPED CONSUMABLE ITEM

(co) construction processing construction of the	 (71)Name of Applicant : 1)BHLER AG Address of Applicant :Gupfenstrasse 5 CH 9240 Uzwil Switzerland (72)Name of Inventor : 1)HUPERZ Frank 2)MARCINKOWSKI David 3)PACK Tanja 4)PAUL Michael
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(57) Abstract :

The invention relates to a device (1) for producing shaped consumable items from a fat mass in particular a fat mass containing cocoa or a chocolate like fat mass comprising a housing (2) and at least one stamping plate (10) having at least one temperature controllable stamp (13). The stamping plate (10) can be moved out of the housing (2) in order to clean or replace the stamping plate. The invention further relates to methods for cleaning and for replacing stamping plates (10) having at least one temperature controlled stamp (13).

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

(21) Application No.9751/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD OF PREDICTING THE ENERGY CONSUMPTION OF A BUILDING

(51) International classification	:G05B13/02,G05B15/02	(71)Name of Applicant :
(31) Priority Document No	:11 54057	1)COMMISSARIAT A LENERGIE ATOMIQUE ET AUX
(32) Priority Date	:11/05/2011	ENERGIES ALTERNATIVES
(33) Name of priority country	:France	Address of Applicant :25 rue Leblanc Btiment le Ponant D F
(86) International Application No	:PCT/EP2012/058837	75015 Paris France
Filing Date	:11/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/152939	1)LE PIVERT Xavier
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method of predicting the energy consumption of a building characterized in that it comprises a step of noting the thermal exchanges of solar radiation received and/or of convection and/or of thermal conduction between the building and the exterior environment on the basis of a physical model implemented by a computer and in that it comprises a step of learning so as to deduce therefrom the value of the parameters of the physical model on the basis of measurements performed at the level of the building in the past.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF INHIBITORS OF EGFR FAMILY RECEPTORS IN THE TREATMENT OF HORMONE REFRACTORY BREAST CANCERS

 (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 	:C07K16/32,A61K39/395,A61P35/00 :61/451,848 :11/03/2011 :U.S.A. :PCT/US2012/028792 :12/03/2012 :WO 2012/125573 :NA :NA :NA	 (71)Name of Applicant : 1)MERRIMACK PHARMACEUTICALS, INC. Address of Applicant :One Kendall Square, Suite B7201, Cambridge, MA 02139 U.S.A. (72)Name of Inventor : 1)GARCIA, Gabriela 2)KUBASEK William 3)MOYO Victor 4)MACBEATH Gavin
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(57) Abstract :

Provided are methods of suppressing growth of hormone refractory breast tumors by contacting tumor cells with an ErbB3 inhibitor preferably an anti ErbB3 antibody. Also provided are methods for treating hormone refractory breast cancer in a patient by administering to the patient an inhibitor of heregulin binding to ErbB3 or to ErbB2/ErbB3 heterodimer which inhibitor is an anti ErbB3 antibody or an anti ErbB2 antibody. The treatment methods can further comprise selecting a patient having a hormone refractory breast cancer and then administering the inhibitor to the patient. The treatment methods may also comprise administering an estrogen receptor antagonist or an aromatase inhibitor to the patient and may at further comprise administering to the patient at least one additional anti cancer agent that is not an ErbB3 inhibitor an estrogen receptor antagonist or an aromatase inhibitor.

No. of Pages : 63 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LOW WATER METAL ION DENTIFRICE

 (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 	n :A61K8/19,A61K8/24,A61K8/365 :NA :NA :NA :PCT/US2011/038867 :02/06/2011 :WO 2012/166142 :NA :NA :NA	 (71)Name of Applicant : 1)COLGATE PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor : 1)FISHER Steven 2)ZAIDEL Lynette 3)PRENCIPE Michael
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(57) Abstract :

A dentifrice composition having a low water phase comprising effective amounts of polyphosphate and ionic active ingredients. The composition comprises a source of metal ions an inorganic phosphate salt having four or more phosphorus atoms and a cross linked polyvinylpyrrolidone thickening agent in a single phase. Preferred metal ions are stannous copper and zinc in particular from zinc citrate and stannous fluoride.

No. of Pages : 26 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 02/01/2015

(-)			
(51) International classification	:F03D1/00,F03D1/06	(71)Name of Applicant :	
(31) Priority Document No	:10 2011 017 801.5	1)WOBBEN PROPERTIES GMBH	
(32) Priority Date	:29/04/2011	Address of Applicant :Dreekamp 5 26605 Aurich Germany	
(33) Name of priority country	:Germany	(72)Name of Inventor :	
(86) International Application No	:PCT/EP2012/057091	1)BRENNER Albrecht	
Filing Date	:18/04/2012	2)KNOOP Frank	
(87) International Publication No	:WO 2012/146521	3)UBBEN Matthias	
(61) Patent of Addition to Application	:NA		
Number	:NA		
Filing Date	.1 1/1		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(54) Title of the invention : WIND TURBINE

(57) Abstract :

There is provided a wind power installation comprising a rotor (70) to which rotor blades (30) can be fitted, an electric generator (60) having a generator stator (100) and a generator rotor (200), and a plurality of displacement units. The first end of the displacement unit is fastened to the 10 generator stator (100) and the second end of the displacement unit is releasably fastened to the generator rotor (200). The displacement units (300) each have a respective hydraulic cylinder (320), the deflection of which is controllable so that by actuation of the displacement unit the generator rotor (200) is displaced relative to the generator stator (100).

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

(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR OPERATING A WIND ENERGY PLANT IN ICING CONDITIONS

 (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 	:F03D7/02,F03D11/00 :10 2011 077 129.8 :07/06/2011 :Germany :PCT/EP2012/059769 :24/05/2012 :WO 2012/168089 :NA :NA :NA :NA	 (71)Name of Applicant : 1)WOBBEN PROPERTIES GMBH Address of Applicant :Dreekamp 5 26605 Aurich Germany (72)Name of Inventor : 1)JEPSEN Torsten
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(57) Abstract :

The present invention concerns a method of operating a wind power installation (1) comprising a pod (2) with an electric generator for generating electric current and an aerodynamic rotor (3) coupled to the 10 generator and having one or more rotor blades (4), including the steps: operating the wind power installation (1) when ice accretion on the rotor blades (4) can be certainly excluded, and stopping the wind power installation (1) when ice accretion on the rotor blades (4) is detected, and time-delayed stoppage or prevention of restarting of the wind power 15 installation (1) when an ice accretion was not detected but is to be expected, and/or time-delayed resumption of operation of the wind power installation (1) when a stoppage condition which led to stoppage of the wind power installation (1) has disappeared again and ice accretion was not detected and ice accretion or the formation of an ice accretion is not to be 20 expected.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : REDUCTION IN FLUSHING VOLUME IN AN ADSORPTIVE SEPARATION SYSTEM

(51) International classification	:B01D15/02,B01D15/42,B01D15/00	(71)Name of Applicant : 1)EXXONMOBIL CHEMICAL PATENTS INC.
(31) Priority Document No	:61/466,694	Address of Applicant :5200 Bayway Drive Baytown TX
(32) Priority Date	:23/03/2011	77520 2101 U.S.A.
(33) Name of priority country	/:U.S.A.	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/US2012/029800 :20/03/2012	1)PORTER John R.
INU		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for separating a product from a multicomponent feedstream to an adsorption apparatus or system is described. The apparatus or system may comprise a moving bed or a simulated moving bed adsorption means. The product comprises at least one organic compound such as an aryl compound with alkyl substitutes. In embodiments the conduits used to supply the feedstream to the apparatus or system are flushed with media of multiple grades. The improvement is a more efficient use of the desorbent. In embodiments the process achieves improvements in one or more of efficiency of adsorption separation capacity of adsorption apparatus systems and purity of product attainable by adsorption process.

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

(12) PATENT APPLICATION PUBLICATION	
(19) INDIA	

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A MODULAR STRUCTURE AND SAID MODULAR STRUCTURE S STRUCTURAL MEMBERS MADE OF COMPOSITE MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:E04B1/12,E04B1/343,E04C2/20 :2011/00796 :28/01/2011 :Turkey :PCT/EP2011/057386 :09/05/2011 o:WO 2012/100843 :NA :NA :NA	 (71)Name of Applicant : 1)RENCO KOMPOZIT TEKNOLOJILERI SANAYI VE TICARET LIMITED SIRKETI Address of Applicant :Yilanli Ayazma Yolu Yesil Plaza No:15 Kat:12 Topkapi Bayrampasa Istanbul Turkey (72)Name of Inventor : 1)CETINDAG Sedat
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to structural members made of composite material comprising a body which is made of a composite material with at least one type of fiber and at least one type of resin; and at least one connection member which is one piece with said body in order to provide connection to another structural member with the same characteristics. The present invention also relates to modular structures like buildings (10) produced using said structural members.

No. of Pages : 61 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(21) Application No.9842/DELNP/2013 A

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TREATMENT OF RESPIRATORY TRACT ILLNESS WITH BIFIDOBACTERIUM LACTIS BL 04

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/GB2012/051302 :08/06/2012	 (71)Name of Applicant : 1)DUPONT NUTRITION BIOSCIENCES APS Address of Applicant :Langebrogade 1 P.O. Box 17 DK 1001 Copenhagen K Denmark (72)Name of Inventor : 1)PYNE David 2)WEST Nicholas 3)CRIPPS Allan 4)LAHTINEN Sampo
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Bifidobacterium lactisBL04Bifidobacterium lactis BL04Bifidobacterium lactis BL04The present invention relates to a method of treating or prophlaxis of a respiratory tract illness in a subject comprising administering to said subject a composition comprising and/or fermentation product of and/or a cell lysate of .

No. of Pages : 67 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYNTHESIS OF HETERO IONIC COMPOUNDS USING DIALKYLCARBONATE QUATERNIZATION

 (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 	:C07D521/00,H01M12/06 :61/498308 :17/06/2011 :U.S.A. :PCT/US2012/043013 :18/06/2012 :WO 2012/174564 :NA :NA :NA	 (71)Name of Applicant : 1)FLUIDIC INC. Address of Applicant :8455 North 90th Street Suite 4 Scottsdale Arizona 85258 U.S.A. (72)Name of Inventor : 1)FRIESEN Cody A. 2)WOLFE Derek 3)JOHNSON Paul Bryan
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(57) Abstract :

Methods of preparing hetero ionic complexes and ionic liquids from bisulfate salts of heteroatomic compounds using dialkylcarbonates as a primary quaternizing reactant are disclosed. Also disclosed are methods of making electrochemical cells comprising the ionic liquids and an electrochemical cell comprising an alkaline electrolyte and a hetero ionic complex additive.

No. of Pages : 44 No. of Claims : 34

(21) Application No.9844/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TUNING A COMMUNICATION DEVICE :H01Q1/52,H01Q1/24 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/108463 **1)BLACKBERRY LIMITED** (32) Priority Date :16/05/2011 Address of Applicant :2200 University Avenue East Waterloo (33) Name of priority country Ontario N2K 0A7 Canada :U.S.A. (86) International Application No :PCT/US2012/037942 (72)Name of Inventor : Filing Date **1)GREENE Matthew** :15/05/2012 (87) International Publication No :WO 2012/158693 2)MANSSEN Keith (61) Patent of Addition to Application **3)MENDOLIA Gregory** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A system that incorporates teachings of the present disclosure may include for example one or more matching network elements and a controller coupled with the one or more matching network elements. The controller can determine antenna efficiency information associated with one or more antennas of a group of antennas of a communication device. The controller can determine antenna isolation information associated with the one or more antennas. The controller can tune the one or more matching network elements for at least a portion of the group of antennas based on the antenna efficiency information and the antenna isolation information. Additional embodiments are disclosed.

No. of Pages : 55 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TUNING A COMMUNICATION DEVICE :H01Q1/24,H01Q1/50 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/108589 **1)BLACKBERRY LIMITED** (32) Priority Date :16/05/2011 Address of Applicant :2200 University Avenue East Waterloo (33) Name of priority country Ontario N2K 0A7 Canada :U.S.A. (86) International Application No :PCT/US2012/037943 (72)Name of Inventor: Filing Date **1)GREENE Matthew** :15/05/2012 (87) International Publication No :WO 2012/158694 2)MANSSEN Keith (61) Patent of Addition to Application **3)MENDOLIA Gregory** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A system that incorporates teachings of the present disclosure may include for example a tuning system for a communication device having an antenna where the tuning system includes at least one first tunable element connected with at least one radiating element of the antenna for tuning the antenna where the adjusting of the at least one first tunable element is based on a closed loop process and a matching network having at least one second tunable element coupled at a feed point of the antenna for tuning the matching network based on an operational parameter of the communication device. Additional embodiments are disclosed.

No. of Pages : 60 No. of Claims : 57

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CEFUROXIME SAFETY DELIVERY SYSTEM

(51) International classification	:A61K9/00,A61M5/178,A61M5/315	(71)Name of Applicant : 1)CIS PHARMA AG
(31) Priority Document No	:PCT/EP2011/000848	Address of Applicant : Hauptstrasse 159 CH 4416 Bubendorf
(32) Priority Date	:15/02/2011	Switzerland
(33) Name of priority countr	y:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2012/052442 :14/02/2012	1)SCHAEFER Rolf
(87) International Publication No	ⁿ :WO 2012/110471	
(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 safety delivery systems for intracameral administration of an appropriate dose of cefuroxime subsequent to cataract and other eye surgery. A preferred embodiment of an cefuroxime safety delivery system according to the invention comprises (a) a perforable sterile vial sterile filled with a measured amount of cefuroxime (b) a reconstitution syringe with a male luer fitting sterile filled with 0.1 ml of isotonic salt solution per mg cefuroxime in the perforable vial and a vial adapter with a female luer fitting or one or more needles with female luer fitting and (c) one or more sterilized delivery syringes with male luer fitting each delivery syringe being capable of holding at least 0.1 ml of ejectable liquid and containing a marking indicating a fill volume of 0.1 ml of ejectable liquid.

No. of Pages : 27 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : POLARIZATION ANGLE DIVISION DIVERSITY WIRELESS TRANSMITTER WIRELESS **RECEIVER AND WIRELESS COMMUNICATION SYSTEM**

 (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 	:H04B7/10,H04B7/08 :NA :NA :NA :PCT/JP2011/055462 :09/03/2011 :WO 2012/120657 :NA :NA :NA	 (71)Name of Applicant : 1)HITACHI LTD. Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor : 1)TAKEI Ken
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To achieve highly reliable wireless communication by means of a small transmission antenna and reception antenna in an environment in which multipath interference is arising. [Solution] By means of a modulator (13) which modulates an information signal of frequency f1 with a carrier wave of frequency f2 and outputs a first modulated signal and a motor (14) which transmits the first modulated signal by means of a linear polarization transmission antenna (20) and causes the transmission antenna (20) to rotate at frequency f3 a wireless transmitter (10) rotates the angle of the transmitted linearly polarized wave at frequency f3 and superimposes the first modulated signal to the two independent components that are a vertical polarization component and a horizontal polarization component. A wireless receiver (30) is provided with: a diversity reception antenna (31) that obtains a plurality of input signals by receiving in a plurality of polarization planes; a path difference phase shifter (32) that corrects the phase resulting from the path difference of each input signal; and a combiner (33) that combines the corrected received signals.

No. of Pages : 74 No. of Claims : 16

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:E02F9/16	(71)Name of Applicant :
(31) Priority Document No	:2011-057090	1)HITACHI CONSTRUCTION MACHINERY CO. LTD.
(32) Priority Date	:15/03/2011	Address of Applicant :5 1 Koraku 2 chome Bunkyo ku Toky
(33) Name of priority country	:Japan	1128563 Japan
(86) International Application No	:PCT/JP2012/055602	(72)Name of Inventor :
Filing Date	:05/03/2012	1)KIKUCHI Keigo
(87) International Publication No	:WO 2012/124530	2)HYODO Koji
(61) Patent of Addition to Application	:NA	3)AOKI Isamu
Number	:NA :NA	4)TANAKA Tetsuji
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CONSTRUCTION MACHINE

(57) Abstract :

A construction machine includes a condenser 24 for cooling refrigerant for an air conditioner; a fan 21 for cooling the condenser 24 by using forward cooling air produced during normal-rotation drive; other cooled objects such as a radiator 25 and the like disposed under the lee of the forward cooling air with respect to the condenser 24; a refrigerant pressure detector 27 for detecting the pressure of the refrigerant flowing in the condenser 24; and a controller 136 for executing reverse-rotation stop processing for returning the fan 21 to the normal-rotation drive when the pressure P of the air conditioner refrigerant detected by the refrigerant pressure detector 27 reaches a preset normal-rotation return pressure PI during reverserotation drive of the fan 21. Thus, the lowering of the cooling effect of an air conditioner can be suppressed while reducing the burden of cleaning an engine room.

No. of Pages : 47 No. of Claims : 6

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FIRE RESIST	TANT ARTIFICIAL TUR	ιF
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:29/07/2011	 (71)Name of Applicant : 1)TARKETT INC. Address of Applicant :8088 Montview Road TMR Montreal QC H4P 2LZ Canada (72)Name of Inventor : 1)RODGERS John
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/145016 :NA :NA :NA :NA	

(57) Abstract :

An artificial turf system that includes a plurality of pellets in an infill disposed on a backing material and between individual synthetic fibers extending away from the backing material, wherein the pellets are a fire retardant material, for example, a salt, and more particularly an inorganic salt, encapsulated in a water insoluble material.

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

(12) PATENT APPLICATION PUBLICATION	
(19) INDIA	

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SHAPE CONTROLLED CORE SHELL CATALYSTS

	CORPORATION licant :195 Governors Highway South Windsor U.S.A. tor :
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(57) Abstract :

A catalytic particle for a fuel cell includes a palladium nanoparticle core and a platinum shell. The palladium nanoparticle core has an increased area of {100} or {111} surfaces compared to a cubo octahedral. The platinum shell is on an outer surface of the palladium nanoparticle core. The platinum shell is formed by deposition of an atomically thin layer of platinum atoms covering the majority of the outer surface of the palladium nanoparticle.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : INSTALLATION FOR CONVEYING SIGNALS BETWEEN A VIDEO CAMERA EQUIPMENT AND A REMOTE EQUIPMENT

(51) International classification(31) Priority Document No(32) Priority Date	1 :H04N7/18,H04N7/22,H04N5/073 :11161014.3 :04/04/2011	 (71)Name of Applicant : 1)INTERLEMO HOLDING S.A. Address of Applicant :Chemin des Champs Courbes 28, CH
(33) Name of priority country	:EPO	1024 Ecublens Switzerland
 (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2012/051602 :02/04/2012 :WO 2012/137127	 (72)Name of Inventor : 1)JENKINS, Keith 2)WORDSWORTH, Gary 3)PETHER, David 4)LONGHURST, Philip
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)HAMBLIN, Christopher 6)FOSTER, Gareth
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Adapter (3 5) for processing electrical signals in an installation comprising a video camera equipment (1) and a remote equipment (7). A first aim of the present invention is to provide an adapter system which allows automatically providing an output video signal that is co timed to the master timing reference of the remote equipment. A second aim of the invention is to provide an adapter system which improves the security of the installation when power for the camera is transmitted by the remote equipment.

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

(21) Application No.7666/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

 (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 	:13/03/2012 :WO 2012/125633 :NA :NA	 (71)Name of Applicant : ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor : ELLERHORST Claire E. SWAYZE Jeffrey S. ISAACS Karen K. KRUTH Robert P. SWINDON Patrick J.
(62) Divisional to Application Number Filing Date	:NA :NA	5)5WINDON FAUICK J.

(54) Title of the invention : REMOVABLE SURGICAL STAPLE CARTRIDGES

(57) Abstract :

Surgical staple cartridge and channel assemblies for attachment to a surgical cutting and stapling instrument. It is disclosed an integrated surgical fastener cartridge assembly comprising: an elongated channel configured for removable attachment to a distal frame portion of a surgical instrument, said elongated channel having an attachment portion comprising: - a wedge-shaped portion configured for wedging engagement with the distal frame portion; and -a locking member for releasably retaining said wedge-shaped portion in wedging engagement with the distal frame portion and wherein said integrated surgical fastener cartridge further comprises a cartridge body supported in said elongated channel and operably supporting a plurality of tissue fasteners therein.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CATHETER CLAMPS AND CATHETERS

 (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 	:A61M39/28,A61M25/01,A61M5/168 :61/439,179 :03/02/2011 :U.S.A. :PCT/US2012/023821 :03/02/2012 :WO 2012/106625 :NA :NA	 (71)Name of Applicant : 1)H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE INC. Address of Applicant :12902 Magnolia Drive, Tampa, Florida 33612 U.S.A. (72)Name of Inventor : 1)CHAUDHRY, Tariq 2)HAMPTON Scott
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided are devices and methods for reducing or preventing fluid flow through a catheter lumen. For example, the devices and methods can be used to reduce blood flow through a catheter. Optionally, the catheter is an intravenous catheter. Also provided are catheters.

No. of Pages : 43 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PCSK9 ANT	AGONISTS	
 (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 	:C07K16/40 :61/442,126 :11/02/2011 :U.S.A. :PCT/US2012/024633 :10/02/2012 :WO 2012/109530 :NA :NA :NA :NA	 (71)Name of Applicant : 1)IRM LLC Address of Applicant :131 Front Street, P.O. Box HM 2899, Hamilton, HM LX Bermuda 2)NOVARTIS AG (72)Name of Inventor : 1)GOLDSTEIN, Joshua 2)COHEN, Steven Bruce 3)SCHUMACHER, Andrew 4)YOWE, David Langdon

(57) Abstract :

The present invention provides antibody antagonists against proprotein convertase subtilisin/kexin type 9a (PCSK9) and methods of using such antibodies.

No. of Pages : 93 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : HOVERING AND GLIDING MULTI WING FLAPPING MICRO AERIAL VEHICLE (51) International classification :B64C33/02 (71)Name of Applicant : (31) Priority Document No :61/443,914 1) GEORGIA TECH RESEARCH CORPORATION (32) Priority Date :17/02/2011 Address of Applicant :505 Tenth Street NW Atlanta GA (33) Name of priority country 30332 0415 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/025718 (72)Name of Inventor : Filing Date 1)RATTI Jayant :17/02/2012 (87) International Publication No :WO 2012/112939 **2)JONES Emanuel** (61) Patent of Addition to Application **3)VACHTSEVANOS George** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Multi wing hovering and gliding flapping Micro Air Vehicles (MAV) are disclosed. The MAV can have independent wing control to provide enhance energy efficiency and high maneuverability. Power to each wing can be controlled separately by varying the amplitude of the wing flapping the frequency of the wing flapping or both. The flapping frequency can be controlled such that it is at or near the natural frequency of the wings for improved energy efficiency. The wings can be controlled by a gear train coil magnet arrangement or many other actuation systems that enable variable frequency flapping variable amplitude flapping or a combination of both. The gear train mechanism provides gyroscopic stability during flight. The wing flapping can include a rotation or feathering motion for improved efficiency. The wings can be transitioned between flapping flight and fixed wing flight to enable gliding and hovering in a single configuration.

No. of Pages : 122 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(1) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BARRIER LAYERS COMPRISING NI INCLUSIVE ALLOYS AND/OR OTHER METALLIC ALLOYS DOUBLE BARRIER LAYERS COATED ARTICLES INCLUDING DOUBLE BARRIER LAYERS AND METHODS OF MAKING THE SAME

 (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 	:C03C17/36 :13/064062 :03/03/2011 :U.S.A. :PCT/US2011/001746 :12/10/2011 :WO 2012/118470 :NA :NA :NA	 (71)Name of Applicant : 1)GUARDIAN INDUSTRIES CORP. Address of Applicant :2300 Harmon Road, Auburn Hills, MI 48326-1714 U.S.A. (72)Name of Inventor : 1)IMRAN, Muhammad 2)DISTELDORF, Bernd 3)FRANK, Marcus 4)BLACKER, Richard
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(57) Abstract :

Certain example embodiments relate to Ni-inclusive ternary alloy being provided as a barrier layer for protecting an IR reflecting layer comprising silver or the like. The provision of a barrier layer comprising nickel, chromium, and/or molybdenum and/or oxides thereof may improve corrosion resistance, as well as chemical and mechanical durability. In certain examples, more than one barrier layer may be used on at least one side of the layer comprising silver. In still further examples, a NixCryMoz-based layer may be used as the functional layer, rather than or in addition to as a barrier layer, in a coating.

No. of Pages : 50 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COA	ATING FOR FLOWER HEADS	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication Ne (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:08/03/2012	 (71)Name of Applicant : PATENT 06-001 B.V. Address of Applicant :Haarlemmerstraatweg 52, NL-2343 LB Oegstgeest Netherlands (72)Name of Inventor : I)VAN VELZEN, Dick 2)VAN DER LUIT Johan Louis 3)MONSTER Victor Steven 4)VAN DEN BERG Eugene Robert

(57) Abstract :

The invention relates to a composition for coating flower heads, especially roses, postharvest to inhibit or prevent infection of the flowers during transport and storage. The invention further relates to a method of inhibiting or preventing infection of cut flowers by applying the composition to the flower heads. The composition comprises a polymer produced from the monomers vinyl acetate and ethylene, and optionally a vinyl ester of a highly branched carboxylic acid, glycerol and water, the composition being in the form of a dispersion. The composition may act as a carrier for slow release of bioactive agents, such as crop protection agents, in particular fungicides.

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

(19) INDIA

(22) Date of filing of Application :30/08/2013

(54) Title of the invention : HANDHELI	D ELECTRIC FAN	
 (54) Title of the invention : HANDHELL (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 		 (71)Name of Applicant : 1)CHAN Ka Yun Address of Applicant :Room 11, 15/F, Man Wah Building, Man Ying Street, Jordan, Kowloon, Hong Kong China (72)Name of Inventor : 1)CHAN Ka Yun
Filing Date	:NA	

(57) Abstract :

A hand-held electric fan includes a housing (1), an air inlet (10) configured on one side of the housing (1), an air outlet (11) configured on another said of the housing (1), fan blades configured in said housing (1), and a motor for driving rotation of the fan blades, wherein the air inlet (10) and the air outlet (11) have an included angle of 20-160 degrees. The hand-held electric fan can be held by a user conveniently, such that the inflow and the outflow of air are not interfered by the users hand holding the fan during use.

No. of Pages : 17 No. of Claims : 13

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ASSOCIATING DEVICES MOVING ALONG THE SAME TRAVEL PATH

(51) International classification	:H04W64/00	(71)Name of Applicant :
(31) Priority Document No	:1106555.4	1)TOMTOM INTERNATIONAL B.V.
(32) Priority Date	:19/04/2011	Address of Applicant :Rembrandtplein 35 NL 1017 CT
(33) Name of priority country	:U.K.	Amsterdam Netherlands
(86) International Application No	:PCT/EP2012/056829	(72)Name of Inventor :
Filing Date	:13/04/2012	1)WESSELIUS Kees
(87) International Publication No	:WO 2012/143301	2)GOLS Sander
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(57) Abstract :

A method of temporarily associating a first mobile device 22 with a second mobile device 200 by processing positional data relating to the position and movement of a plurality of mobile devices with respect to time in a geographical region. The positional data is process to determine if a first mobile device 22 such as one carried by a user is moving concurrently with a second mobile device 200 such as one associated with a vehicle 14 along substantially the same travel path. When such a determination is made a temporary association is created between the first mobile device 22 and the second mobile device 200 e.g. at a server 10 to allow for data to be exchanged between the two devices.

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

(19) INDIA

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 02/01/2015

(-)	C ⁻	
(51) International classification	:G08G1/123	(71)Name of Applicant :
(31) Priority Document No	:1106555.4	1)TOMTOM INTERNATIONAL B.V.
(32) Priority Date	:19/04/2011	Address of Applicant :Rembrandtplein 35 NL 1017 CT
(33) Name of priority country	:U.K.	Amsterdam Netherlands
(86) International Application No	:PCT/EP2012/056828	(72)Name of Inventor :
Filing Date	:13/04/2012	1)WESSELIUS Kees
(87) International Publication No	:WO 2012/143300	2)GEELEN Pieter
(61) Patent of Addition to Application	•NT A	3)GODDIJN Harold
Number	:NA	4)VAN DIJK Daan Reyer
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : VEHICLE REQUEST MANAGEMENT SYSTEM HAVING A CENTRAL SERVER

(57) Abstract :

A vehicle request management system having a server (10) arranged to communicate with a plurality of vehicle requesting devices (12) and a plurality of vehicles (14) each being equipped with a device (200) having route planning and navigation functionality. Upon receipt of a vehicle request the server (10) selects a suitable vehicle (14) and determines the route that the vehicle should travel to the pick up location and then onto the drop off location. The server (10) receives updates as to the position of the selected vehicle (14) as it completes the request and uses data associated with the calculated route and the position of the selected vehicle (14) to provide enhanced functionality.

No. of Pages : 41 No. of Claims : 15

(19) INDIA(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

 (54) Title of the invention : SURGICAL (54) Title of the invention : SURGICAL (54) Title of the invention is supported by the inventional of the inventional (51) 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 (52) Divisional to Application Number Filing Date (52) Divisional to Application Number Filing Date 	STAPLING INSTRUME :A61B17/115 :61/452432 :14/03/2011 :U.S.A. :PCT/US2012/028886 :13/03/2012 :WO 2012/125615 :NA :NA :NA :NA :NA	NTS (71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor : 1)SHELTON IV Frederick E. 2)ARONHALT Taylor W. 3)BAXTER III Chester O. 4)ORTIZ Mark S. 5)MODI Kreena R. 6)WEISENBURGH III William B. 7)MORGAN Jerome R. 8)HEEB Emily A. 9)HESS Christopher J. 10)YOUNG Joseph E. 11)WORRELL Barry C. 12)SCHALL Christopher J. 13)YOO Andrew 14)CHEKAN Edward G. 15)HALL Steven G. 16)JOHNSON Gregory W. 17)WIDENHOUSE Tamara 18)SCHMID Katherine J. 19)ZINGMAN Aron O. 20)TIMM Richard W. 21)GEE Jacob S. 22)MUMAW Daniel J. 23)WENDELY Michael J. 24)BECKMAN Andrew T. 25)JANSZEN James R. 26)KNIGHT Gary W. 27)HAGERTY Karen N. 28)RUPERT Jason K.
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(57) Abstract :

Circular stapling instruments and anvil assemblies. The anvil assemblies may have collapsible anvil support members that may be inserted through an opening in a patient and then expanded to be attached to an anvil plate assembly that has a staple forming surface thereon. The anvil support member is attachable to the anvil plate assembly in such a way that when the anvil assembly is coupled to the stapling head of a circular stapler the staple forming surface is in substantial registry with the staples supported in the stapling head. A variety of different anvil support members and anvil plate assemblies are disclosed.

No. of Pages : 97 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLUID FLOW CONDUITS AND APPARATUS AND METHODS FOR MAKING AND JOINING FLUID CONDUITS

 (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 	:A61M39/14,B29C65/02,B29C65/20 :61/578690 :21/12/2011 :U.S.A. :PCT/US2012/069103 :12/12/2012 ⁿ :WO 2013/096038 :NA :NA	 (71)Name of Applicant : 1)FENWAL INC. Address of Applicant :Three Corporate Drive Lake Zurich IL 60047 U.S.A. (72)Name of Inventor : 1)WEGENER Christopher 2)MIN Kyungyoon 3)BRIERTON Mark 4)KUSTERS Benjamin 5)MADSEN James 6)CORK William H.
Application Number Filing Date	:NA :NA	

(57) Abstract :

Fluid flow conduits (14a 14b) and apparatus (40) and methods for joining the conduits (14a 14b) preferably in a sterile manner are disclosed. Each conduit (14 14b) has a polymeric open end that is sealed by a sealing member (26a 26b) that may include a heating el_{\neg} ement (28). The polymeric end material is melted the sealing mem_ bers (26a 26b) are moved to expose the melted open ends of the conduits (14a 14b) and the ends are brought together to form a fused or welded connection (12) between the conduits (14a 14b).

No. of Pages : 62 No. of Claims : 117

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SECURING AN OBJECT TO BONE

(51) International classification	:A61B17/04,A61L17/04	(71)Name of Applicant :
(31) Priority Document No	:61/443342	1)LINVATEC CORPORATION
(32) Priority Date	:16/02/2011	Address of Applicant :11311 Concept Boulevard Largo FL
(33) Name of priority country	:U.S.A.	33773 U.S.A.
(86) International Application No	:PCT/US2012/025480	(72)Name of Inventor :
Filing Date	:16/02/2012	1)MCDEVITT Dennis
(87) International Publication No	:WO 2012/112793	2)NOVAK Vincent
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A suture assembly comprising: a first suture having a generally 0 shaped configuration comprising a first arm a second arm a first bridge connecting the first arm to the second arm and a second bridge connecting the first arm to the second arm the first bridge opposing the second bridge so that the first suture comprises a closed loop; a second suture comprising a first arm a second arm and a bridge connecting the first arm to the second arm; the first arm of the second suture being wrapped around the first arm of the first suture in a first direction and the second arm of the second suture being wrapped around the second arm of the first suture in a second opposite direction; the suture assembly being capable of assuming (i) a longitudinally extended radially contracted first configuration and (ii) a longitudinally contracted radially expanded second configuration.

No. of Pages : 122 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN EXPANSION VALVE FOR A VAPOUR COMPRESSION SYSTEM WITH REVERSIBLE FLUID FLOW

 (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 	:F25B41/06 :PA 2011 00157 :09/03/2011 :Denmark :PCT/DK2012/000019 :08/03/2012 :WO 2012/119602 :NA :NA :NA :NA	 (71)Name of Applicant : 1)DANFOSS A/S Address of Applicant :Nordborgvej 81, DK 6430 Nordborg Denmark (72)Name of Inventor : 1)FOSEL, Georg 2)THYBO Claus
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(57) Abstract :

An expansion valve (16) for a vapour compression system (1) and a vapour compression system (1) are disclosed. The expansion valve (16) comprises a first valve member (17), a second valve member (20) and a third valve member (21), said valve members (17, 20, 21) being arranged in such a manner that relative movements at least between the first valve member (17) and the second valve member (20), and between the first valve member (17) and the third valve member (21) are possible. The expansion valve (16) is switchable between a first state in which an opening degree of the expansion valve (16) is determined by the relative position of the first valve member (27) and the second valve member (20), and a second state in which an opening degree of the expansion valve (16) is determined by the relative position of the first valve member (20), and a second state in which an opening degree of the expansion valve (16) is determined by the relative position of the first valve member (17) and the second valve member (17) and the third valve member (21). The expansion valve (16) is automatically moved between the first state and the second state in response to a change in direction of fluid flow through the expansion valve (16). The expansion valve (16) is suitable for use in a vapour compression system (1) being capable of selectively operating in air condition mode or heat pump mode, and where reversal of refrigerant flow is therefore necessary. The expansion valve (16) automatically ensures that expanded refrigerant is supplied to a relevant heat exchanger (3, 4), thereby en suring proper operation of the vapour compression system in air condition mode as well as in heat pump mode.

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

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(51) International classification	:F03D1/00,F03D1/06	(71)Name of Applicant :
(31) Priority Document No	:1103971.6	1)SWAY TURBINE AS
(32) Priority Date	:09/03/2011	Address of Applicant :C. Sundts gate 51 N 5004 Bergen
(33) Name of priority country	:U.K.	Norway
(86) International Application No	:PCT/EP2012/054097	(72)Name of Inventor :
Filing Date	:09/03/2012	1)BORGEN, Eystein
(87) International Publication No	:WO 2012/120115	2)S†TEN, Bj,rge
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : WIND TURBINE ROTOR AND METHOD OF MOUNTING

(57) Abstract :

A wind turbine rotor assembly comprises: a rotor support; a rotor which is rotatably mounted to the rotor support; and a base support; wherein the rotor support and base support are provided with engagement means which allow said rotor support and base support to engage with each other so that when the rotor support and base support are moved together a hinged connection is formed between the rotor support and base support, which hinged connection allows the rotor support to rotate relative to the base support during installation or decommissioning of the rotor.

No. of Pages : 25 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :29/08/2013

(54) Title of the invention : TOE GUARD ASSEMBLY FOR AN ELEVATOR SYSTEM

(43) Publication Date : 02/01/2015

:B66B5/28,B66B11/02	(71)Name of Applicant :
:NA	1)OTIS ELEVATOR COMPANY
:NA	Address of Applicant : Ten Farm Springs Farmington CT
:NA	06032 2568 U.S.A.
:PCT/IB2011/001162	(72)Name of Inventor :
:22/03/2011	1)FAUCONNET Aurlien
:WO 2012/127269	2)DELACHATRE Etienne
:NA :NA	
:NA	
:NA	
	:NA :NA :NA :PCT/IB2011/001162 :22/03/2011 :WO 2012/127269 :NA :NA :NA

(57) Abstract :

An exemplary elevator toe guard assembly includes a first panel. A second panel is slidable relative to the first panel in a first direction between an extended position and a retracted position. The first panel moves in a second different direction from an extended position toward a folded position responsive to the second panel moving toward the retracted position.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :14/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ORAL FORMULATIONS OF MITOCHONDRIALLY TARGETED ANTIOXIDANTS AND THEIR PREPARATION AND USE

 (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 	¹ :PCT/US2012/040711 :04/06/2012	 (71)Name of Applicant : 1)MITOTECH SA Address of Applicant :42 rue de la Vallee L 2661 Luxembourg Luxembourg (72)Name of Inventor : 1)SKULACHEV Maxim V. 2)SKULACHEV Vladimir P. 3)ZAMYATNIN Andrey A. 4)EFREMOV Eugeny S. 5)TASHLITSKY Vadim N.
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA ¹ :NA :NA	5) TASHLITSKY Vadim N. 6)ZINOVKIN Roman A. 7)EGOROV Maxim V. 8)FRIEDHOFF Lawrence T. 9)PLETUSHKINA Olga Y. 10)ANDREEV ANDRIEVSKY Alexander A. 11)ZINEVICH Tatiana V.

(57) Abstract :

Provided are stable liquid and solid formulations of oxidized and reduced mitochondria targeted antioxidants and methods of their preparation and use.

No. of Pages : 55 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ACTIVE PRINCIPLE FOR MITIGATING UNDESIRED MEDICAL CONDITIONS

(51) International classification	:A61K47/36,A61K31/15,A61K47/30	(71)Name of Applicant : 1)BOWDEN Tim
(31) Priority Document No	:1100066-8	Address of Applicant :Gitarrvgen 30 S 756 43 Uppsala
(32) Priority Date	:31/01/2011	Sweden
(33) Name of priority	:Sweden	2)BERGMAN Kristoffer
country		3)ENGSTRAND Thomas
(86) International	:PCT/SE2012/000006	4)S-DERBERG Lennart
Application No	:25/01/2012	(72)Name of Inventor :
Filing Date		1)BOWDEN Tim
(87) International	:WO 2012/105887	2)BERGMAN Kristoffer
Publication No		3)ENGSTRAND Thomas
(61) Patent of Addition to	:NA	4)S–DERBERG Lennart
Application Number	:NA	
Filing Date		
(62) Divisional to	:NA	
Application Number	:NA	
Filing Date		

(57) Abstract :

A composition for treating or preventing inflammatory-related conditions which comprises as an active principle (= AP) a carrier which exhibits a plurality of a scavenger structure which is capable of mitigating the activity of a mediator of inflam matory-related conditions. The scavenger structure comprises a nucleophilic centre complying with the formula (I); a) X 1 is a singlebonded heteroatom selected amongst N, O and S and exhibits a free electron pair, b) m is 0 or 1 and n is 1 or 2, c) -R- is a bivalent organic group providing attachment to the carrier via one of its free valences and to X 1 at the other free valence, and d) R- is a monovalent organic group attached to the X1 via its free valence. A method for treating or preventing inflammatory-related conditions in an individual suffering from or being at risk for such conditions. The method comprises the steps of: i) providing the composition of the invention containing AP, and ii) contacting AP with said mediator a) within said individual, or b) separate from said individual.

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

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

 (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 	:A01F12/60,A01D41/12 :2011-021212 :02/02/2011 :Japan :PCT/JP2012/052157 :31/01/2012 :WO 2012/105564 :NA :NA	 (71)Name of Applicant : 1)YANMAR CO. LTD. Address of Applicant :1 9 Tsurunocho Kita ku Osaka shi Osaka 5308311 Japan (72)Name of Inventor : 1)MIZOBUCHI Norio 2)KATOU Eiichi
Filing Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA	

(54) Title of the invention : COMBINE

(57) Abstract :

One of the problems addressed by the present invention is to make an auger clutch operation tool easier to operate while the conditions of grain discharge by a discharge auger are being visually checked. A combine in which an engine compartment (50) is disposed at a chassis rear a grain tank (60) is disposed above the engine compartment (50) and behind a cab (40) and a discharge auger (65) is provided so as to communicate with the rear of the grain tank (60) wherein a lever (441) for operating an auger clutch (420) for disengaging power transmission to the discharge auger (65) is disposed on a side surface (right side surface (60y)) of the grain tank (60) outside of the combine body and in the vicinity of the cab (40).

No. of Pages : 40 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :29/08/2013

(54) Title of the invention : INFLATABL	LE RADOME	
 (54) File of the invention : INFLATABLE (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 		 (71)Name of Applicant : 1)DSM IP Assets B.V. Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor : 1)WIENKE Dietrich 2)OOSTERBOSCH van Eelco

(57) Abstract :

The invention relates to an inflatable radome containing a flexible radome wall, said radome wall comprising high strength polymeric fibers and further containing a plastomer wherein said plastomer is a semi-crystalline copolymer of ethylene or propylene and one or more C2 to C12 a-olefin co-monomers and wherein said plastomer having a density as measured according to IS01 183 of between 860 and 930 kg/m3.

No. of Pages : 19 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : REPAIRING SYNTHETIC TURF FIELD AND METHOD FOR REVITALIZING THE SAME			
 (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 	:E01C13/08 :61/476,607 :18/04/2011 :U.S.A.	(71)Name of Applicant : 1)TARKETT INC. Address of Applicant :8088 Montview Road TMR Montreal QC H4P 2LZ Canada (72)Name of Inventor : 1)RODGERS John Allen	

(57) Abstract :

A repairable synthetic turf field having a plurality of phases of use and a method for revitalizing the same, the repairable synthetic turf including a plurality of synthetic fibers extending from a backing and having an infill interspersed between the synthetic fibers, the synthetic fibers having a portion extending above the infill forming a first field surface during a first phase of use, wherein at least a part of the portion of the synthetic fibers extending above the infill may be removed creating a second phase of use wherein a new portion of the synthetic fibers extends above the infill forming a second field surface.

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

(21) Application No.7588/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOSITE MATERIALS INCLUDING REGIONS DIFFERING IN PROPERTIES AND METHODS (51) International classification :B32B15/08 (71)Name of Applicant : (31) Priority Document No **1)PRODUCTIVE RESEARCH LLC** :61/444,942 (32) Priority Date :21/02/2011 Address of Applicant :1599 Sugar Maple West Bloomfield MI (33) Name of priority country :U.S.A. 48234 U.S.A. (86) International Application No :PCT/US2012/025619 (72)Name of Inventor: Filing Date 1)MIZRAHI Shimon :17/02/2012 (87) International Publication No :WO 2012/115872 2)MIZRAHI Eyal (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention is directed at composite materials, articles including the composite materials, and methods for producing and using them. The composite material (20) includes regions that differ in one or more properties. The composite material may include two regions (24), (26) that differ with respect to one or more (e.g., all) of the following properties: tensile strength, thickness, or density. The composite material generally includes a first metallic sheet (12), a second metallic: sheet (12); one or more metallic inserts (22) interposed between the first metallic sheet (12) and the second metallic sheet (12); and a polymeric layer (e,g, a core layer (15) interposed between the first metallic sheet (12) and the second metallic sheet (12). The polymeric layer preferably: Includes a thermoplastic polymer (9). The composite material Includes a first region (24) having an insert (22) interposed between the metallic sheets (12) so that the first region (24) (relative to the second region (26) has a high tensile strength, a high thickness, a high density, or any combination thereof.

No. of Pages : 37 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DISPENSING	CAP FOR A CONTAIN	IER
 (54) Title of the invention : DISPENSING (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 	:B65D25/08 :61/438,440 :01/02/2011 :U.S.A.	 (71)Name of Applicant : (71)GRANITE STATE PRODUCT DEVELOPMENT LLC Address of Applicant :1111B South Governors Avenue Dover DE 18904 U.S.A. (72)Name of Inventor : 1)PORTER John
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A dispensing cap for a container includes a body portion and an integrally formed chamber for holding an additive substance. The body portion includes a closed top end and an inner wall that defines the chamber whose open end is sealed by a chamber closure member. The closed top end includes a diaphragm and a plunger extends axially from the diaphragm within the chamber for unsealing the chamber closure member. The body portion the closed top end, the plunger, and the inner wall are integrally formed in one-piece.

No. of Pages : 30 No. of Claims : 26

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : INTAKE COOLING DEVICE OF STATIONARY INTERNAL COMBUSTION ENGINE

 (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 	:F02M31/20,F01M5/00,F01P3/20 :2011-077389 :31/03/2011 :Japan :PCT/JP2012/056022 :08/03/2012 :WO 2012/132825 :NA :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI HEAVY INDUSTRIES LTD. Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan (72)Name of Inventor : 1)KOMIYAMA Masahito 2)FUKUSHI Hiroshi 3)INOUE Kiwamu
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(57) Abstract :

To realize a water-saving intake air cooling apparatus for a stationary internal combustion engine, which can be operated in a region where water is valuable and an outside air temperature is high, a primary intake air cooler 22, a high temperature side intake air cooler 28, and a low temperature side intake air cooler 30 are provided in an intake air passage 24 on an upstream side and a downstream side of a turbo charger 26, while an absorption chiller 50 is provided to transfer cooling water to the primary intake air cooler 22 and the low temperature side intake air cooler 30, and a second radiator 44 is provided to transfer cooling water to the high temperature side intake air cooler 28. A first radiator 52 is provided to transfer cooling water to the absorption chiller 50, steam is generated by an exhaust heat boiler 34 provided in an exhaust gas passage 32, and the steam is supplied to the absorption chiller 50 as a heat source. A third radiator 72 is provided to cool lubricating oil flowing through a lubricating oil circulation space 14. By providing the first radiator 52, the second radiator 44, and the third radiator 72, water is not required as a cold source.

No. of Pages : 36 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SLIDING BEARING SHELL COMPRISING A COLLECTING GROOVE

(51) International classification	:F16C9/02,F16C33/10	(71)Name of Applicant :
(31) Priority Document No	:10 2011 005 467.7	1)FEDERAL MOGUL WIESBADEN GMBH
(32) Priority Date	:11/03/2011	Address of Applicant : Stielstrasse 11,65201 Wiesbaden
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/052664	(72)Name of Inventor :
Filing Date	:16/02/2012	1)GARNIER Thierry
(87) International Publication No	:WO 2012/123213	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

(57) Abstract :

The present invention relates to a sliding bearing shell comprising an oil bore (16) which radially penetrates the sliding bearing shell for introducing oil in the sliding bearing shell, wherein one or more collecting grooves (18), which extend on the inner side (14) of the sliding bearing shell (10) in the circumferential direction, are provided for collecting the oil present in the sliding bearing shell, the grooves being surrounded completely and all the way around by a supporting surface (20).

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

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

 (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 	:B21D24/12,B21D24/02 :2011-042770 :28/02/2011 :Japan :PCT/JP2012/054582 :24/02/2012 :WO 2012/117967	 (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan 2)H ONE CO. LTD. (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)YOSHIDA Tohru 2)TOYODA Daisuke
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : LOAD APPLYING DEVICE PRESS MOLDING DIE PRESS MOLDING METHOD

(57) Abstract :

The present invention provides a load applying device for a press-molding die, the load applying device being provided with: a rod which has a first end part, a second end part, and a flange; a stacked disc spring which is formed by stacking a plurality of disc springs having a center hole into which the first end part of the rod is inserted; a first plate having a first through hole into which the first end part of the rod is inserted; a first plate having; a second plate having a second through hole into which the second end part of the rod is inserted and for coming into contact with the stacked disc spring; a second plate having a second through hole into which is disposed between the first plate and the second plate in a detachable manner and which ensures that a space is formed between the first plate and second plate so that the space needed for the stacked disc spring to impel the flange toward the second plate is maintained. The second end part and the first plate move relative to one another in the direction in which the second end part and the first plate move relative to one another in the direction in which the second end part and the first plate move relative to manother in the direction in which the second end part and the first plate come into close contact with one another during press molding, thereby compressing the stacked disc spring.

No. of Pages : 43 No. of Claims : 8

(22) Date of filing of Application :12/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD OF PRODUCING A HYDROENTANGLED NONWOVEN MATERIAL

 (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 	:D04H5/03,D04H1/4374,D04H1/492 :61/482249 :04/05/2011 :U.S.A. :PCT/SE2012/050461 :03/05/2012 :WO 2012/150902 :NA :NA	 (71)Name of Applicant : 1)SCA HYGIENE PRODUCTS AB Address of Applicant :S 405 03 Gteborg Sweden (72)Name of Inventor : 1)STRANDQVIST Mikael 2)JONSSON Agneta 3)VENEMA Arie 4)WIJBENGA Gaatze
Application Number Filing Date	:NA	

(57) Abstract :

A method of producing a nonwoven material by hydroentangling a fiber mixture containing spunlaid filaments natural fibers and synthetic staple fibers wherein a first fibrous web (12) of natural fibers and at least 10% by fiber weight manmade staple fibers is wetlaid and hydroentangled in a first hydroentangling station (13) spunlaid filaments (16) are laid on top of the hydroentangled first fibrous web (12) and a second fibrous web (19) comprising natural fibers is wetlaid on top of said spunlaid filaments (16). The second fibrous web (19) is hydroentangled together with the spunlaid filaments (16) in a second hydroentangling station (20) and the combined webs are reversed and the first fibrous web (12) of natural fibers and manmade staple fiber is hydroentagled together with the spunlaid filaments (16) in a third hydroentangling station (25).

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

(19) INDIA

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ELEVATOR BRAKING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	n:B66B5/18,B66B11/02,B66B11/08 :NA :NA :NA :PCT/US2011/029354 :22/03/2011	 (71)Name of Applicant : 1)OTIS ELEVATOR COMPANY Address of Applicant :Ten Farm Springs Road Farmington Connecticut 06032 U.S.A. (72)Name of Inventor : 1)TERRY Harold 2)ADIFON Leandre
(87) International Publication No	:WO 2012/128758	3)FARGO Richard N. 4)LANESEY David J.
 (61) Patent of Addition to Application Number Filing Date (2) Divisional to Application 	:NA :NA	5)COONEY Anthony 6)DRAPER James M. 7)RIVERA Jamie A.
(62) Divisional to Application Number Filing Date	:NA :NA	8)BILLARD Justin 9)PIECH Zbigniew

(57) Abstract :

An elevator system includes one or more rails fixed in a hoistway and an elevator car configured to move through the hoistway along the one or more rails. The system includes one or more braking systems having one more braking surfaces secured to the elevator car and frictionally engageable with one or more rails of the elevator system. One or more actuators are operably connected to the one or more braking surfaces configured to urge engagement and/or disengagement of the one or more braking surfaces with the rail to stop and/or hold the elevator car during operation of the elevator system.

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

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CELL CULTURE MEDIA FOR UVC EXPOSURE AND METHODS RELATED THERETO

 (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 	:61/445,988 :23/02/2011 :U.S.A. :PCT/US2012/025652 :17/02/2012 :WO 2012/115874 :NA :NA :NA	 (71)Name of Applicant : Address of Applicant : One Amgen Center Drive, Thousand Oaks, CA 91320-1799 U.S.A. (72)Name of Inventor : HART, Roger BOYCHYN, R. Michael
Filing Date	:NA	

(57) Abstract :

The invention relates to cell culture media optimized for exposure to ultraviolet C (UVC) light exposure and related methods.

No. of Pages : 66 No. of Claims : 28

(21) Application No.9849/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : APNEA AND HYPOPNEA DETECTION USING BREATH PATTERN RECOGNITION			
 (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 	:A61B5/08,A61B5/083 :61/486855 :17/05/2011 :U.S.A. :PCT/CA2012/000478 :17/05/2012 :WO 2012/155251 :NA :NA :NA :NA	 (71)Name of Applicant : 1)UNIVERSITY HEALTH NETWORK Address of Applicant :190 Elizabeth Street R. Fraser Elliott Building Room 1S 417 Toronto Ontario M5G 2C4 Canada (72)Name of Inventor : 1)ALSHAER Hisham 2)FERNIE Geoffrey Roy 3)BRADLEY T. Douglas 	

(57) Abstract :

Disclosed herein is a method and device for apnea and hypopnea detection. In one embodiment a method is provided for detecting apneas and hypopneas from a digitized breath sound recording acquired from a candidate suspected of sleep apnea. The method comprises scanning an amplitude profile of the digitized breath sound recording to identify a prospect event segment; evaluating characteristics of the prospect event segment for consistency with one or more preset apnea specific criteria; classifying the prospect event segment as representative of an apnea upon it satisfying each of the one or more apnea specific criteria; evaluating the prospect event characteristics for consistency with one or more preset hypopnea specific criteria distinct from the apnea specific criteria; and classifying the prospect event segment as representative of a hypopnea upon it satisfying each of the one or more hypopnea specific criteria.

No. of Pages : 70 No. of Claims : 25

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NUTRITIONAL COMPOSITIONS FOR INCREASING ARGININE LEVELS AND METHODS OF USING SAME

 (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 	:A61K31/198,A61K31/20,A61K31/7052 :61/470,447 :31/03/2011 :U.S.A. :PCT/EP2012/054580 :15/03/2012 :WO 2012/130627 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)GREENBERG Norman Alan
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(57) Abstract :

Nutritional compositions having dietary nucleotides, ∞ -3 fatty acids and citrulline are provided. The nutritional compositions may be formulated to improve T cell function, increase arginine availability in vivo, regulate myeloid-derived suppressor cells (MDSC), and decrease the risk and/or severity of infection after surgery or trauma. Methods of making, using and administering such nutritional compositions to individuals in need of same are also provided. Methods for modulating the affects of MDSCs are also provided.

No. of Pages : 37 No. of Claims : 38

(54) Title of the invention : ARTIFICIAL OIL BODIES

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(51) International classification :A61K8/97,A61K8/06,A61K8/64 (71)Name of Applicant : (31) Priority Document No :2011900383 1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL (32) Priority Date :07/02/2011 **RESEARCH ORGANISATION** (33) Name of priority country Address of Applicant : Limestone Avenue Campbell Australian :Australia (86) International Application Capital Territory 2612 Australia :PCT/AU2012/000103 (72)Name of Inventor : No :07/02/2012 1)WIJESUNDERA Rajendranatha Chakrapani Filing Date (87) International Publication No:WO 2012/106751 2)SHEN Zhiping (61) Patent of Addition to **3)BOITEAU Thomas** :NA Application Number 4)XU Xinqing :NA Filing Date **5)LUNDIN Leif** (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The present invention relates to artificial oil bodies comprising oleosin (which, as presently defined, also encompasses caleosin, steroleosin and polyoleosin), a surfactant such as a phospholipid, and an oil comprising fatty acids, such as polyunsaturated fatty acids having four or more double bonds. The present invention also relates to methods of preparing said artificial oil bodies. These AOBs may further comprise other molecules such as bioactive molecules, used in a wide variety of products, and are particularly useful for producing oxidatively stable oil-in-water emulsions in the absence of added antioxidants. The present invention further encompasses a method for the partial purification of oleosin from a plant extract.

No. of Pages : 80 No. of Claims : 31

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DISPENSING AEROSOL VALVE FOR PRESSURIZED CONTAINER DISPENSING ADAPTER THEREFOR AND ASSEMBLY OF A PRESSURIZED CONTAINER WITH AN ADAPTER

(51) International classification	:B65D83/14,B65D83/16	(71)Name of Applicant :
(31) Priority Document No	:11154068.8	1)ALTACHEM NV
(32) Priority Date	:10/02/2011	Address of Applicant :Industrielaan 12 B 9800 Deinze
(33) Name of priority country	:EPO	Belgium
(86) International Application No	:PCT/EP2012/051048	(72)Name of Inventor :
Filing Date	:24/01/2012	1)DEMEY Jordi
(87) International Publication No	:WO 2012/107276	2)CLAERBOUT Koen
(61) Patent of Addition to Application	:NA	3)ALDERWEIRELDT Matthias
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns a pressurized aerosol container comprising a specific valve and a dispensing adapter to be used therewith for dispensing a pressurized liquid contained in said container the liquid beng preferably a moisture reactive composition. The valve comprises a valve stem (1) provided with a central bore (1C) having an internal threaded portion (IF) allowing the fixing and connection of a disposable dispensing adapter (5) comprising a connecting end provided with a mating outer threaded portion (5F).

No. of Pages : 25 No. of Claims : 14

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : FEED-FORWARD CONTROL SIGNALING AND DECODING SCHEMES

 (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 	:H04L27/26, H04B7/04 :61/373,538 :13/08/2010 :U.S.A. :PCT/US2011/043013 :06/07/2011 :WO 2012/021226 :NA :NA	 (71)Name of Applicant : 1)NEC LABORATORIES AMERICA, INC. Address of Applicant :4 INDEPENDENCE WAY, SUITE 200, PRINCETON, NEW JERSEY 08540, UNITED STATES AMERICA U.S.A. (72)Name of Inventor : 1)MOHAMMAD KHOJASTEPOUR 2)NARAYAN PRASAD 3)SAMPATH RANGARAJAN
Number Filing Date		
(62) Divisional to Application Number Filed on	:608/DELNP/2013 :21/01/2013	

(57) Abstract :

Systems and methods for conveying wireless transmission allocation information are disclosed. In accordance with one method an index indicating selected data stream parameters is received. In addition an indication of a number of transmit antennas at a transmitter from which the data stream is transmitted is also received. Further the selected parameters are determined from the index based on the number of transmit antennas at the transmitter. Moreover data signals are received and processed with a processor in accordance with the selected data stream parameters.

No. of Pages : 48 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :30/08/2013

(43) Publication Date : 02/01/2015

(51) International classification	:F17C1/02	(71)Name of Applicant :
(31) Priority Document No	:61/439,515	1)HAUGE Leif J.
(32) Priority Date	:04/02/2011	Address of Applicant :1808 Eden Way Virginia Beach VA
(33) Name of priority country	:U.S.A.	23454 U.S.A.
(86) International Application No	:PCT/US2012/023980	(72)Name of Inventor :
Filing Date	:06/02/2012	1)HAUGE Leif J.
(87) International Publication No	:WO 2012/106712	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : SPLIT PRESSURE VESSEL FOR TWO FLOW PROCESSING

(57) Abstract :

A split pressure vessel for processing of two flows encountered with energy exchange devices, consisting of two opposite facing end caps 1,2 having each a side port for low pressure 3,5 and one axial port 4,6 preferably in the same plane as the side ports. Each end cap has internal structurally integrated manifolds for high pressure 17,22 and low pressure manifold 19,24 connecting to axial ports of the internal energy exchange device. The high pressure side of one end cap may be structurally integrated with a circulation pump or booster 26 having a submersible or external motor.

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

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ALUMINOXANE CATALYST ACTIVATORS CONTAINING CARBOCATION AGENTS AND USE THEREOF IN POLYOLEFIN CATALYSTS

 (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 	:61/450,696 :09/03/2011 :U.S.A. :PCT/US2012/028188 :08/03/2012 :WO 2012/122332 :NA :NA :NA	 (71)Name of Applicant : 1)ALBEMARLE CORPORATION Address of Applicant :451 Florida Street Baton Rouge LA 70801 1765 U.S.A. (72)Name of Inventor : 1)LUO Lubin 2)WU Xiao 3)DIEFENBACH Steven P.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to an activator composition comprising (i) an organoaluminum compounds; (ii) a carbocation compound of the formula R(X); wherein R 1 is a hydrocarbyl; n is from 1 to the number of possible substitutions of the hydrocarbyl group and each X is a labile leaving group; and (iii) an aluminoxane. The activator composition may also contain a carrier support. This invention also provides a catalyst composition comprising the activator composition described above and a transition metal component. This invention also provides methods of polymerizing monomer comprising carrying out such polymerization in the presence of one or more catalyst composition according to this invention.

No. of Pages : 38 No. of Claims : 22

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : POLYURETHANE COMPOSITES PRODUCED BY A VACUUM INFUSION PROCESS

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:C08G18/08,C08G18/72,C08L75/04 :13/071,810 :25/03/2011	 (71)Name of Applicant : 1)BAYER MATERIALSCIENCE LLC Address of Applicant :100 Bayer Road Pittsburgh PA 15205 9741 U.S.A.
(33) Name of priority country	v:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:20/03/2012	1)YOUNES Usama E.
(87) International Publication No	:WO 2012/134878	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	ⁿ :NA :NA	

(57) Abstract :

A polyurethane forming system having a viscosity at 25°C of less than 600 mPas for at least 30 minutes a gel time at ambient temperature of greater than 80 minutes and a water content of less than 0.06% by weight based on total system weight is used to produce composites by a vacuum infusion process. This system makes it possible to produce large composites such as wind turbine blades having excellent physical properties.

No. of Pages : 24 No. of Claims : 19

(22) Date of filing of Application :29/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SURGICAL FASTENER INSTRUMENTS (51) International (71)Name of Applicant : :A61B17/064,A61B17/072,A61B17/12 classification 1) ETHICON ENDO SURGERY INC. (31) Priority Document No:13/048,559 Address of Applicant :4545 Creek Road Cincinnati OH 45242 (32) Priority Date :15/03/2011 U.S.A. (33) Name of priority (72)Name of Inventor : :U.S.A. country 1)SCHEIB Charles J. 2)SHANKARSETTY Jeevan M. (86) International :PCT/US2012/028899 Application No :13/03/2012 Filing Date (87) International :WO 2012/125621 Publication No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract :

Surgical instruments and cartridges for cutting and fastening tissues and organs such as vessels are disclosed. In various non limiting forms the surgical instrument includes a first jaw that operably supports a substantially flexible elongated tissue closure assembly therein. A second jaw is movably supported relative to the first jaw and is selectively movable between open and closed positions in response to opening and closing motions applied thereto. A closure retraction assembly is configured to selectively apply cinching motions to the substantially flexible elongated tissue closure assembly.

No. of Pages : 41 No. of Claims : 18

CONTINUED TO PART-2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1597/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : AMINO GROUP CONTAINING PYRROLIDINONE DERIVATIVE

(51) International	:C07D413/14,A61K31/538,A61K31/5383	(71)Name of Applicant :
classification		1)DAIICHI SANKYO COMPANYLIMITED
(31) Priority Document	:2011-023772	Address of Applicant :3 5 1Nihonbashi HonchoChuo ku
No	.2011 025772	Tokyo 1038426 Japan
(32) Priority Date	:07/02/2011	(72)Name of Inventor :
(33) Name of priority	:Japan	1)INAGAKI Hiroaki
country	Japan	2)FUJISAWA Tetsunori
(86) International	:PCT/JP2012/052598	3)ITOH Masao
Application No	:06/02/2012	4)YOKOMIZO Aki
Filing Date	.00/02/2012	5)TSUDA Toshifumi
(87) International	:WO 2012/108376	6)HIGUCHI Saito
Publication No	. WO 2012/1083/0	7)DAS Biswajit
(61) Patent of Addition	:NA	8)KATOCH Rita
to Application Number	:NA :NA	9)UPADHYAY Dilip J.
Filing Date	.NA	
(62) Divisional to	-NT A	
Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		1

(57) Abstract :

Provided is a drug which shows a potent and broad antibacterial activity against gram positive bacteria gram negative bacteria and drug resistant strains of the same and has a high safety. A compound represented by formula (I) or a salt thereof. In formula (I) [chemical formula 1]: R represents a hydrogen atom a hydroxyl group or the like; m is 0 to 2; n is 0 to 1; Ar is a group represented by [chemical formula 2] [wherein A each represents a nitrogen atom or C R wherein R each represents a hydrogen atom or an alkyl group or the like]; and Ar is a group represented by [chemical formula 3].

No. of Pages : 134 No. of Claims : 15

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : IL17 AND IFN GAMMA INHIBITION FOR THE TREATMENT OF AUTOIMMUNE INFLAMMATION

 (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 	:C07D413/04,C07D413/14,C07D417/14 :11152512.7 :28/01/2011 :EPO :PCT/EP2012/051360 :27/01/2012 :WO 2012/101263 ^{:0} :NA :NA :NA	 (71)Name of Applicant : 1)4SC DISCOVERY GMBH Address of Applicant :Am Klopferspitz 19a 82152 Planegg Martinsried Germany (72)Name of Inventor : 1)LEBAN Johann 2)TASLER Stefan 3)SAEB Wael 4)CHEVRIER Carine
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(57) Abstract :

The present invention relates to compounds of the general formula (I) and the pharmaceutically acceptable salt or solvate thereof as anti inflammatory and immunomodulatory agents.

No. of Pages : 164 No. of Claims : 14

(21) Application No.1860/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:H04N13/00	(71)Name of Applicant :
(31) Priority Document No	:2012-032215	1)SONY CORPORATION
(32) Priority Date	:16/02/2012	Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2013/050723	(72)Name of Inventor :
Filing Date	:17/01/2013	1)TSUKAGOSHI Ikuo
(87) International Publication No	:WO 2013/121823	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : TRANSMISSION DEVICE TRANSMISSION METHOD AND RECEIVER DEVICE

(57) Abstract :

The objective of the present invention is to favorably be able to perform display of a stereoscopic image. In the present invention first parallax information (parallax information corresponding to the closest object rendering position in a predetermined area of a picture display screen) which has been acquired for each predetermined picture of image data and second parallax information (parallax information corresponding to the innermost object rendering position in the predetermined area of the picture display screen) are inserted into a video stream and transmitted. At the receiver side on the basis of the first parallax information and the second parallax information a check can be made regarding whether or not the parallax angles of the same side directions and the crossing directions are within a predetermined range which does not harm health upon viewing and if necessary it is possible to reconfigure left eye image data and right eye image data which configure the stereoscopic image.

No. of Pages : 255 No. of Claims : 23

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOVEL PHENYLPYRIDINE DERIVATIVE AND DRUG CONTAINING SAME

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:C07D401/14,A61K31/506,A61P3/10 :2011-055691 :14/03/2011	 (71)Name of Applicant : 1)KOWA COMPANY LTD. Address of Applicant :6 29 Nishiki 3 chome Naka ku Nagoya shi Aichi 4608625 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor : 1)MIURA Toru
(86) International Application No Filing Date	:PCT/JP2012/001709 :13/03/2012	2)SATO Seiichi 3)YAMADA Hajime 4)TAGASHIRA Junya
(87) International Publication No	:WO 2012/124311	5)WATANABE Toshiaki 6)SEKIMOTO Ryohei
(61) Patent of Addition to Application Number Filing Date	:NA :NA	7)ISHIDA Rie 8)AOKI Hitomi 9)OHGIYA Tadaaki
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides: a compound represented by general formula (I) below that has both angiotensin II receptor antagonism and a PPAR activation effect and that is useful as a preventative and/or therapeutic agent for high blood pressure cardiac disease arteriosclerosis type 2 diabetes and the like; and a drug composition containing the compound. General formula (I) (in the formula: ring A represents a pyridine ring; ring B represents a tetrazole ring or an oxadiazole 5(4H) one ring; X represents C R or a nitrogen atom; R represents an alkyl group; R represents an alkyl group or a cycloalkyl group; and R R and R each independently represents a hydrogen atom an alkyl group an alkoxy group or similar.

No. of Pages : 183 No. of Claims : 22

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 02/01/2015

LOCATION SERVERS AND LOCATION SERVICES USING A PROXY LOCATION SERVER (51) International classification :H04L29/08 (71)Name of Applicant : (31) Priority Document No 1)OUALCOMM INCORPORATED :61/440251 (32) Priority Date Address of Applicant : Attn; International IP Administration :07/02/2011 (33) Name of priority country 5775 Morehouse Drive San Diego CA 92121 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/024007 (72)Name of Inventor : Filing Date 1)EDGE Stephen William :06/02/2012 (87) International Publication No 2)WACHTER Andreas Klaus :WO 2012/109155 (61) Patent of Addition to Application **3)HAWKES Philip Michael** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS APPARATUSES AND ARTICLES FOR IDENTIFYING AND AUTHORIZING

(57) Abstract :

Techniques are provided which may be implemented in various methods apparatus and/or articles of manufacture to allow a mobile device to obtain certain location service(s) and/or the like from one or more computing devices that have been authorized for use. For example in certain implementations a location server may comprise a proxy location server for an authorizing location server and may indicate one or more other location servers as being authorized for location service related access by a mobile device.

No. of Pages : 122 No. of Claims : 118

(22) Date of filing of Application :18/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ACTIVATABLE FLUOROGENIC COMPOUNDS AND USES THEREOF AS NEAR INFRARED PROBES

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C09B23/00;C09B23/08;C09B23/12 :61/452684 :15/03/2011 :U.S.A. :PCT/IB2012/051255 :15/03/2012	 (71)Name of Applicant : 1)RAMOT AT TEL AVIV UNIVERSITY LTD. Address of Applicant :P.O. Box 39296 61392 Tel Aviv Israel Israel (72)Name of Inventor : 1)SHABAT Doron 2)SATCHI FAINARO Ronit
(87) International Publication No	:WO 2012/123916	
Application Number	:NA :NA	
Numper	:NA :NA	

(57) Abstract :

Novel fluorogenic compounds designed such that upon a chemical event compounds capable of emitting NIR light are generated are disclosed. The compounds comprise two or more acceptor containing moieties and a cleavable donor containing moiety being in complete pi electrons conjugation and being such that no delocalization of pi electrons is enabled. Also disclosed are fluorescent compounds generated upon subjecting the fluorogenic compounds to a chemical event (e.g. deprotonation). Also disclosed are uses of the fluorogenic compounds as NIR probed with a Turn ON mechanism in monitoring presence and/or level of various analytes.

No. of Pages : 150 No. of Claims : 52

(22) Date of filing of Application :04/09/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SELECTIVE HAND OCCLUSION OVER VIRTUAL PROJECTIONS ONTO PHYSICAL SURFACES USING SKELETAL TRACKING

 (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 	:61/468937 :29/03/2011 :U.S.A. :PCT/US2012/031314 :29/03/2012 :WO 2012/135553 :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)MACIOCCI Giuliano 2)EVERITT Andrew J. 3)MABBUTT Paul 4)BERRY David T.
(62) Divisional to Application NumberFiling Date	:NA :NA	

(57) Abstract :

A head mounted device provides an immersive virtual or augmented reality experience for viewing data and enabling collaboration among multiple users. Rendering images in a virtual or augmented reality system may include performing operations for capturing an image of a scene in which a virtual object is to be displayed recognizing a body part present in the captured image and adjusting a display of the virtual object based upon the recognized body part. The rendering operations may also include capturing an image with a body mounted camera capturing spatial data with a body mounted sensor array recognizing objects within the captured image determining distances to the recognized objects within the captured image and displaying the virtual object on a head mounted display.

No. of Pages : 200 No. of Claims : 64

(22) Date of filing of Application :15/10/2013

(54) Title of the invention : BICYCLIC HETEROCYCLE COMPOUNDS AND THEIR USES IN THERAPY

(51) International classification:C07D401/06,C07D471/04,C07D471/10(31) Priority Document No:1106817.8(32) Priority Date (33) Name of priority country:21/04/2011(33) Name of priority country:U.K.(86) International Filing Date:PCT/GB2012/050867(87) International Publication No (61) Patent of Addition to Filing Date:WO 2012/143726(87) International Filing Date:NA(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(62) Divisional to Filing Date:NA(61) Patent of Number Filing Date:NA(62) Divisional to Filing Date:NA	 (71)Name of Applicant : 1)ASTEX THERAPEUTICS LIMITED Address of Applicant :436 Cambridge Science Park Milton Road Cambridge Cambridgeshire CB4 0QA U.K. (72)Name of Inventor : 1)WOOLFORD Alison Jo Anne 2)HOWARD Steven 3)BUCK Ildiko Maria 4)CHESSARI Gianni 5)JOHNSON Christopher Norbert 6)TAMANINI Emiliano 7)DAY James Edward Harvey 8)CHIARPARIN Elisabetta 9)HEIGHTMAN Thomas Daniel 10)FREDERICKSON Martyn 11)GRIFFITHS JONES Charlotte Mary
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(57) Abstract :

The invention relates to bicyclic heterocycle compounds of formula (I): or tautomeric or stereochemically isomeric forms N oxides pharmaceutically acceptable salts or the solvates thereof; wherein R R R R R R R R R R R R R R and E are as defined herein; to pharmaceutical compositions comprising said compounds and to the use of said compounds in the treatment of diseases e.g. cancer.

No. of Pages : 354 No. of Claims : 37

(22) Date of filing of Application :28/10/2013

(54) Title of the invention : NOVEL COMPOUNDS AND COMPOSITIONS FOR THE INHIBITION OF NAMPT

 (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 	:C07D213/34,C07D401/12,C07D405/12 :61/482537 :04/05/2011 :U.S.A. :PCT/US2011/050301 :02/09/2011 :WO 2012/150952 ⁰⁰ :NA :NA :NA	 (71)Name of Applicant : 1)FORMA TM LLC Address of Applicant :500 Arsenal St. Suite 100 Watertown MA 02472 U.S.A. (72)Name of Inventor : 1)BAIR Kenneth W. 2)BAUMEISTER Timm 3)BUCKMELTER Alexandre J. 4)CLODFELTER Karl H. 5)HAN Bingsong 6)LIN Jian 7)REYNOLDS Dominic J. 8)SMITH Chase C. 9)WANG Zhongguo 10)ZHENG Xiaozhang
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(57) Abstract :

The present invention relates to compounds and composition for inhibition of NAMPT their synthesis applications and antidotes. An illustrative compound of the invention is shown below.

No. of Pages : 121 No. of Claims : 36

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND APPARATUS OF IMPLEMENTING AND/OR USING A DEDICATED CONTROL CHANNEL

 (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 	:H04L12/26, H04B7/00, H04W 74/08 :60/752,973 :22/12/2005 :U.S.A. :PCT/US2006/048501 :20/12/2006 :WO 2007/075728 :NA :NA :NA	 (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)PARIZHSKY, Vladimir 2)LAROIA, Rajiv 3)LI, Junyi 4)VENKATA UPPALA, Sathyadev 5)DAS, Arnab
e	:1122/MUMNP/2008 :05/06/2008	

(57) Abstract :

Wireless terminals and base stations support multiple modes of dedicated control channel operation wherein wireless terminals are allocated different amounts of dedicated uplink resources for reporting control information. A set of dedicated control channel segments is utilized by a wireless terminal to communicate uplink control information reports to its serving base station attachment point. Full tone and split-tone modes of dedicated control channel operation are supported. In full tone mode, a single wireless terminal is allocated each of the dedicated control channel segments associated with a single logical tone. In split tone mode, dedicated control channel segments associated with a single logical tone are allocated between different wireless terminals, with each of the multiple wireless terminals receiving a different non-overlapping subset of the dedicated control channel segments. Logical dedicated control channel tones can be dynamically reallocated for full-tone mode use or split.tone mode use.

No. of Pages : 214 No. of Claims : 29

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DIPYRIDYLAMINE DERIVATIVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 	:C07D401/14,A61K31/444,A61K31/506 :2011-051178 :09/03/2011	 (71)Name of Applicant : 1)DAIICHI SANKYO COMPANYLIMITED Address of Applicant :3 5 1Nihonbashi HonchoChuo ku Tokyo 1038426 Japan (72)Name of Inventor : 1)KANEKO Satoru
· · · · · · · · · · · · · · · · · · ·		
country	:Japan	2)TSURUOKA Hiroyuki 3)HONZUMI Masatoshi
(86) International Application No	:PCT/JP2012/055905 :08/03/2012	4)ABE Manabu
Filing Date (87) International	:WO 2012/121314	5)YOSHIDA Taishi
Publication No (61) Patent of Addition to	⁰ :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Alextreset :		

(57) Abstract :

To provide a compound having an excellent glucokinase activating effect or a pharmacologically acceptable salt thereof. [Solution] A compound represented by general formula (I) or a pharmacologically acceptable salt thereof. In general formula (I): R represents a C aryl group which may independently have one to five substituents selected from substituent group (A) or the like; X represents a C aryl group which may independently have one to five substituent have one to five substituent group (A) or the like; R represents a C aryl group which may independently have one to five substituent group (A) or the like; R represents a 1H tetrazol 5 yl group or a 5 oxo 4 5 dihydro [1 2 4]oxadiazol 3 yl group; substituent group (A) is a group consisting of halogen atoms or the like;

No. of Pages : 158 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :06/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : THERAPEUTIC FUSION PROTEINS

(32) Filing Date10/03/2011Atomigation Oxfordumite Oxford	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/GB2012/051104 :16/05/2012 :WO 2012/156743 :NA :NA	1)CHADDOCK John
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(57) Abstract :

The present invention relates to the construction of a new class of Targeted Secretion Inhibitors (TSIs) which comprise a non cytotoxic protease translocation peptide and a targeting moiety peptide wherein the targeting moiety peptide has a free N terminal domain and a free C terminal domain; to a single chain fusion protein precursor thereof and to a method of activating said single chain fusion protein precursor.

No. of Pages : 69 No. of Claims : 25

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RECEIVER APPARATUS RECEPTION METHOD AND PROGRAM

 (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 	h :H04N5/44,H04B1/16,H04H20/61 :2011-113928 :20/05/2011 :Japan :PCT/JP2012/062089 :11/05/2012 :WO 2012/160989 :NA :NA :NA	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor : 1)KITAZATO Naohisa 2)HATAKEYAMA Izumi 3)OBAYASHI Masayuki 4)HIRAGA Tooru
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(57) Abstract :

This technique relates to a receiver apparatus a reception method and a program for enabling receivable one segment broadcasts to be quickly presented. Station information acquiring units (111 to 113) acquire area broadcast information related to stations that transmit the broadcast waves of any one segment broadcasts at any segments. A station selecting unit (117) uses the area broadcast information to select as a tunable station that can be tuned to a station of one segment broadcast that is receivable at a given position. A tuning control unit (118) performs a tuning control to tune to the one segment broadcast of the tunable station. This invention can be applied to for example a portable one segment broadcast receiver terminal or the like.

No. of Pages : 188 No. of Claims : 10

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR CONTROLLING ELECTRONIC APPARATUS BASED ON VOICE RECOGNITION AND MOTION RECOGNITION AND ELECTRONIC APPARATUS APPLYING THE SAME

(51) International classification	:G06F3/01,G06F3/16,G06F3/14	(71)Name of Applicant :
(31) Priority Document No	:61/515459	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:05/08/2011	Address of Applicant :129 Samsung ro Yeongtong gu Suwon
(33) Name of priority country	:U.S.A.	si Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2012/006170	(72)Name of Inventor :
Filing Date	:02/08/2012	1)KIM Jung geun
(87) International Publication No	:WO 2013/022223	2)KIM Yoo tai
(61) Patent of Addition to	:NA	3)YU Seung dong
Application Number	:NA :NA	4)HAN Sang jin
Filing Date	.INA	5)RYU Hee seob
(62) Divisional to Application	:NA	
Number	:NA :NA	
Filing Date	.1NA	

(57) Abstract :

A method for controlling an electronic apparatus which uses voice recognition and motion recognition and an electronic apparatus applying the same are provided. In a voice task mode in which voice tasks are performed according to recognized voice commands the electronic apparatus displays voice assistance information to assist in performing the voice tasks. In a motion task mode in which motion tasks are performed according to recognized motion gestures the electronic apparatus displays motion assistance information to aid in performing the motion tasks.

No. of Pages : 173 No. of Claims : 15

(22) Date of filing of Application :25/09/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOVEL CEPHALOSPORIN DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS THEREOF

 (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 	:C07D501/34,A61K31/546,A61P31/00 :10-2011-0028603 :30/03/2011 :Republic of Korea :PCT/KR2012/002302 :29/03/2012 :WO 2012/134184 :NA :NA :NA	 (71)Name of Applicant : 1)LEGOCHEM BIOSCIENCES INC. Address of Applicant :8 26 Munpyeongseo ro Daedeok gu Daejeon 306 220 Republic of Korea (72)Name of Inventor : 1)CHO Young Lag 2)YUN Joung Yul 3)PARK Chul Soon 4)CHAE Sang Eun 5)LEE Hyang Sook 6)OH Kyuman 7)HEO Hye Jin 8)KANG Dae Hyuck 9)YANG Young Jae 10)KWON Hyun Jin 11)PARK Tae Kyo 12)WOO Sung Ho 13)KIM Yong Zu
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(57) Abstract :

The present invention relates to a novel cephalosporin derivative indicated in chemical formula 1 of the description. In the chemical formula 1 X Y L R R are identical as defined in the detailed explanation. In addition the present invention relates an antibiotic medical composition containing the novel cephalosporin derivative of the chemical formula 1 a prodrug thereof a hydrate thereof a solvate thereof an isomer thereof and a pharmaceutically permitted salt thereof as active ingredients. The novel cephalosporin derivative of the chemical formula 1 the prodrug thereof the hydrate thereof the solvate thereof the isomer thereof and the pharmaceutically permitted salt thereof the isomer thereof and the pharmaceutically permitted salt thereof the solvate thereof the isomer thereof and the pharmaceutically permitted salt thereof and the pharmaceutically and in particular show strong antibacterial effect on gram negative bacteria and is thus useful as an antibiotic.

No. of Pages : 128 No. of Claims : 7

(22) Date of filing of Application :18/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : STREPTOCOCCUS BACTERIOPHAGE LYSINS FOR DETECTION AND TREATMENT OF GRAM POSITIVE BACTERIA

(51) International classification	·A61K38/16 A61P31/04	(71)Name of Applicant :
(31) Priority Document No	:61/477836	1)THE ROCKEFELLER UNIVERSITY
(32) Priority Date	:21/04/2011	Address of Applicant :1230 York Avenue 502 Founders Hall
(33) Name of priority country	:U.S.A.	New York NY 10065 6399 U.S.A
(86) International Application No	:PCT/US2012/034456	(72)Name of Inventor :
Filing Date	:20/04/2012	1)FISCHETTI Vincent A.
(87) International Publication No	:WO 2012/145630	2)SCHMITZ Jonathan
(61) Patent of Addition to Application	:NA	3)GILMER Daniel
Number	:NA :NA	4)EULER Chad
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides methods compositions and articles of manufacture useful for the prophylactic and therapeutic amelioration and treatment of gram positive bacteria including and and related conditions. The invention provides compositions and methods incorporating and utilizing derived bacteriophage lysins particularly PlySs2 and/or PlySs1 lytic enzymes and variants thereof including truncations thereof. Methods for treatment of humans are provided.

No. of Pages : 202 No. of Claims : 42

(22) Date of filing of Application :29/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RADIOLABELED AMINO ACIDS FOR DIAGNOSTIC IMAGING

 (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 	:C07B59/00,A61K31/195,A61K49/10 :11075076.7 :03/05/2011 :EPO :PCT/EP2012/057925 :30/04/2012 :WO 2012/150220 :NA :NA	 (71)Name of Applicant : PIRAMAL IMAGING SA Address of Applicant :Route de lEcole 13 CH 1753 Matran SWITZERLAND. (72)Name of Inventor : BERNDT Mathias MLLER Andre SCHMITT WILLICH Heribert STELLFELD Timo KETTSCHAU Georg BRUMBY Thomas GRAHAM Keith LEHMANN Lutz
Filing Date (62) Divisional to	:NA :NA	9)HAFELD Jorma 10)KRGER Martin
Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to novel compounds suitable for labeling by F and to the corresponding F labeled compounds themselves F fluorinated analogues thereof and their use as reference standards methods of preparing such compounds compositions comprising such compounds kits comprising such compounds or compositions and uses of such compounds compositions or kits for diagnostic imaging by Positron Emission Tomography (PET).

No. of Pages : 321 No. of Claims : 24

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : OLIGONUCLEOTIDE MODULATORS OF THE TOLL LIKE RECEPTOR PATHWAY (51) International classification :C12N15/113 (71)Name of Applicant : (31) Priority Document No :61/448707 1)QUARK PHARMACEUTICALS INC. (32) Priority Date :03/03/2011 Address of Applicant :6501 Dumbarton Circle Fremont (33) Name of priority country California 94555 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/027174 (72)Name of Inventor : Filing Date **1)FEINSTEIN Elena** :01/03/2012 (87) International Publication No :WO 2012/118911 2)ADAMSKY Svetlana **3)AVKIN NACHUM Sharon** (61) Patent of Addition to Application :NA Number 4)KALINSKI Hagar :NA Filing Date 5)METT Igor (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Disclosed herein are double stranded nucleic acid molecules and pharmaceutical compositions comprising same useful in the treatment of inter alia acute and chronic inflammation neuropathic pain primary graft dysfunction (PGD) after lung transplantation in a subject in need thereof. The compounds are preferably chemically synthesized and modified dsRNA compounds which down regulate or inhibit expression of a Toll like receptor genes.

No. of Pages : 135 No. of Claims : 81

(19) INDIA

(22) Date of filing of Application :24/10/2013

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AS PROTEIN KINASE INHIBITORS

		(71)Nome of Applicant.
		(71)Name of Applicant :
		1)DAIICHI SANKYO COMPANY LIMITED
		Address of Applicant :3 5 1 Nihonbashi Honcho Chuo ku
(51) International	:C07D471/04,A61K31/437,A61P37/00	Japan Tokyo 103 8426 Japan
classification	.00/D4/1/04,A01K31/43/,A011 3//00	(72)Name of Inventor :
(31) Priority Document No	:1510/DEL/2011	1)VERMA Ashwani Kumar
(32) Priority Date	:26/05/2011	2)NAGASWAMY Kumaragurubaran
(33) Name of priority	:India	3)SHARMA Lalima
country	India	4)GHOSH Soma
(86) International	:PCT/IB2012/052214	5)KALE Balkrishna Ramchandra
Application No	:03/05/2012	6)MONDAL Aniruddha
Filing Date	.03/03/2012	7)SRIVASTAVA Punit Kumar
(87) International	:WO 2012/160464	8)DASTIDAR Sunanda Ghosh
Publication No	. WO 2012/100404	9)MIYAUCHI Rie
(61) Patent of Addition to	:NA	10)MURATA Takeshi
Application Number		11)ISHIZAKI Masayuki
Filing Date	:NA	12)NAGAMOCHI Masatoshi
(62) Divisional to	:NA	13)IIMURA Shin
Application Number		14)MOMIN Rijwan Jaffer
Filing Date	:NA	15)WAGH Pradip Balu
-		16)PANSARE Sonali Nanasaheb
		17)MARKAD Pramod Raosaheb
		18)KHAIRNAR Yogesh Balasaheb
(l.

(57) Abstract :

The present invention provides a heterocyclic compound of formula (I) a pharmaceutically acceptable salt thereof a prodrug thereof or a hydrate thereof wherein A A B D R R and R are as defined herein a pharmaceutical composition comprising a compound of formula (I) as an active ingredient methods of production and methods of use thereof. Particularly the present invention provides a compound of formula (I) useful for treating or preventing a disease condition or disorder associated with protein kinases preferably Janus Kinase family.

No. of Pages : 173 No. of Claims : 16

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ANTI B7 H3 ANTIBODY

(57) Abstract :

The present invention relates to an antibody which has a therapeutic effect on tumors. Namely the present invention relates to an antibody which binds to B7 H3 and exhibits antitumor activity. The objective of the present invention is to provide a pharmaceutical product which has a therapeutic effect on tumors. An anti B7 H3 antibody which binds to B7 H3 and exhibits antitumor activity is obtained and a pharmaceutical product for treating tumors which contains the antibody or the like is obtained.

No. of Pages : 244 No. of Claims : 41

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING SPIRITUAL INTELLIGENCE AND RESEARCH PERFORMANCE INDICES

 (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 	7/00 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Dhananjay M Kulkarni Address of Applicant :BITS Pilani K K Birla Goa Campus NH 17 -B Zuarinagar, Goa India (72)Name of Inventor : 1)Shalini Upadhyay
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for generating spiritual intelligence (SI) and research performance (RP) indices and their influence on each other (if any) for an individual. The plurality of parameters associated with SI and RP are identified. Plurality of questionnaires is formulated to map the plurality of SI and RP parameters. Further, relationship among parameters considering relative weight, parameter value and priority value is obtained which then mapped with the mathematical model for plurality of questionnaires to generate SI and RP indices and their influence on each other (if any).

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

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR LOCATING A PRINTED CIRCUIT BOARD WITHIN AN ENCLOSURE

	DOCENICO	
(51) International classification	,	(71)Name of Applicant :
	B29C37/00	1)CONTROL TECHNIQUES LTD
(31) Priority Document No	:GB	Address of Applicant : THE GRO, POOL ROAD
(31) Thomy Document No	1203492.2	NEWTOWN, SY16 3BE UNITED KINGDOM
(32) Priority Date	:28/02/2012	(72)Name of Inventor :
(33) Name of priority country	:U.K.	1)HOLMAN-WHITE JONATHAN ROBERT
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 apparatus is provided comprising an enclosure for enclosing a printed circuit board (PCB). The PCB has a tab extending therefrom. The enclosure comprises first and second portions, one of which includes a recess arranged to receive the tab of the PCB.

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

(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SUBSTITUTED MORPHOLINES AS MODULATORS FOR THE CALCIUM SENSING RECEPTOR

(51) International classification	:A61K31/5377, C07D265/30	(71)Name of Applicant : 1)LUPIN LIMITED
(31) Priority Document No	:317/KOL/2011	Address of Applicant :159 CST Road Kalina Santacruz (East)
(32) Priority Date	:10/03/2011	State of Maharashtra Mumbai 400 098 India Maharashtra India
(33) Name of priority country	:India	(72)Name of Inventor :
(86) International Application No	:PCT/IB2012/051109	1)SHUKLA Manojkumar Ramprasad
Filing Date	:09/03/2012	2)CHAUDHARI Vinod Dinkar
(87) International Publication No	:WO 2012/120476	3)SAYYED Majid Bashir
(61) Patent of Addition to Application	:NA	4)PHADTARE Ramesh Dattatraya
Number	:NA	5)WALKE Navnath Bajirao
Filing Date	.INA	6)KULKARNI Sanjeev Anant
(62) Divisional to Application Number	:NA	7)PALLE Venkata P.
Filing Date	:NA	8)KAMBOJ Rajender Kumar

(57) Abstract :

Compounds of Formula (I) along with processes for their preparation that are useful for treating managing and/or lessening the diseases disorders syndromes or conditions associated with the modulation of calcium sensing (Ca SR) receptors. Methods of treating managing and/or lessening the diseases disorders syndromes or conditions associated with the modulation of calcium sensing (Ca SR) receptors of Formula (I).

No. of Pages : 195 No. of Claims : 23

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : RE DIRECTED IMMUNOTHERAPY

(51) International classification	:A61K47/48,A61K39/12,A61P37/00	(71)Name of Applicant : 1)THE UNIVERSITY OF BIRMINGHAM
(31) Priority Document No	:1104514.3	Address of Applicant : Edgbaston Birmingham B15 2TT U.K.
(32) Priority Date	:17/03/2011	(72)Name of Inventor :
(33) Name of priority country	y:U.K.	1)COBBOLD Mark
(86) International Application No Filing Date	:PCT/GB2012/050577 :15/03/2012	2)MILLAR David
(87) International Publication No	¹ :WO 2012/123755	
(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 an agent for preventing or treating a condition characterised by the presence of unwanted cells the agent comprising: (i) a targeting moiety that is capable of targeting to the unwanted cells; and (ii) a T cell antigen wherein the T cell antigen can be released from the targeting moiety by selective cleavage of a cleavage site in the agent in the vicinity of the unwanted cells.

No. of Pages : 133 No. of Claims : 38

(22) Date of filing of Application :21/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROTEIN POLYMER DRUG CONJUGATES

 (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 	:A61K47/48,C07K5/02,C07K7/06 :61/495771 :10/06/2011 :U.S.A. :PCT/US2012/041931 :11/06/2012 :WO 2012/171020 :NA :NA	 MERSANA THERAPEUTICS INC. Address of Applicant :840 Memorial Drive Cambridge MA 9 U.S.A. Name of Inventor : YURKOVETSKIY Aleksandr YIN Mao LOWINGER Timothy B. THOMAS Joshua D. HAMMOND Charles E. STEVENSON Cheri A. BODYAK Natalya D. CONLON Patrick R.
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	4)THOMAS Joshua D. 5)HAMMOND Charles E. 6)STEVENSON Cheri A. 7)BODYAK Natalya D.

(57) Abstract :

A drug conjugate is provided herein. The conjugate comprises a protein based recognition molecule (PBRM) and a polymeric carrier substituted with one or more L D the protein based recognition molecule being connected to the polymeric carrier by L. Each occurrence of D is independently a therapeutic agent having a molecular weight = 5 kDa. L and L are linkers connecting the therapeutic agent and PBRM to the polymeric carrier respectively. Also disclosed are polymeric scaffolds useful for conjugating with a PBRM to form a polymer drug PBRM conjugate described herein compositions comprising the conjugates methods of their preparation and methods of treating various disorders with the conjugates or their compositions.

No. of Pages : 308 No. of Claims : 85

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : INTERS PINOUS IMPLANT AND INSTRUMENT FOR IMPLANTING AN INTERSPINOUS IMPLANT

(31) Priority Document No:11(32) Priority Date:30	0/06/2011	1)LDR MEDICAL Address of Applicant :4 rue Marie Curie F 10430 Rosi [®] res Pr [®] s
(33) Name of priority country :Fr		Troyes France.
Filing Date :02	CT/EP2012/062850 2/07/2012 VO 2013/001097	(72)Name of Inventor :1)DINVILLE Herve2)LEQUETTE Samuel
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date N. 	IA IA	3)JODAITIS Alexandre 4)WOHNS Richard 5)TISSERAND Philippe 6)ZABEE Laurent

(57) Abstract :

The present invention relates to an interspinous implant (1) intended to be implanted between two adjacent dorsal spines (El ES) each including an upper edge (E2) a lower edge (E3) and two opposed latral faces (E4 E5) wherein the implant (1) includes at least one body (10) with dimensions arranged so as to maintain or restore a distance between the adjacent edges (E2 E3) of the two spinous processes (El ES) and including at least two wings (11 12) extending so that at least a part of each wing (11 12) lies along at least a part of one latral face (E4 E5) of one of the two spinous processes (El ES) and additionally at least one retainer (2 3 4 7 111 121 221 24 28 29 L 90) for the implant designed to retain the body (10) of the implant between the two spinous processes and to be inserted from the same lateral face as the body (10).

No. of Pages : 151 No. of Claims : 39

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ARRANGEMENT OF A COMPACT TOP MOUNTED MECHANISM FOR ELECTRICAL SWITCHING DEVICE

(51) International classification	:H02B5/00, H01R13/73, H01H9/00, H02B1/20	Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(31) Priority Document No	:NA	001, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)POTHANA SANTHOSH
(86) International Application No	:NA	2)SREEKALA MADAKKAVIL
Filing Date	:NA	3)ANKITA ROY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a top mounted rotary mechanism that is mounted on top of a contact system adapted to providea manual independency in operation thereof. The rotary mechanism includes a slider-coupler arrangement wherein a slider and a coupler are arranged such that an electrical switch is effectively actuated by optimizing spring parameters without increasing overall size of the switch thereof.

No. of Pages : 24 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :25/10/2013

(43) Publication Date : 02/01/2015

(51) International classification	:A61K47/48	(71)Name of Applicant :
(31) Priority Document No	:61/484991	1)RAMOT AT TEL AVIV UNIVERSITY LTD.
(32) Priority Date	:11/05/2011	Address of Applicant : P.O. Box 39296 61392 Tel Aviv Israel
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IB2012/052338	2)UNIVERSITA DEGLI STUDI DI PADOVA
Filing Date	:10/05/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/153297	1)SATCHI FAINARO Ronit
(61) Patent of Addition to Application	:NA	2)PASUT Gianfranco
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : TARGETED POLYMERIC CONJUGATES AND USES THEREOF

(57) Abstract :

Polymeric conjugates comprising a polymeric backbone having attached thereto a bone targeting moiety and a therapeutically active agent wherein the bone targeting moiety is attached to one end of the polymeric backbone via a branching unit such that a molar ratio of the bone targeting moiety to the polymer is at least 2:1 are disclosed. Pharmaceutical compositions containing these conjugates and uses thereof in the treatment of bone related disorders are also disclosed.

No. of Pages : 131 No. of Claims : 48

(22) Date of filing of Application :13/12/2013

(54) Title of the invention : CONTROLLED RELEASE NASAL TESTOSTERONE GELS METHODS AND PRE FILLED MULTI DOSE APPLICATOR SYSTEMS FOR PERNASAL ADMINISTRATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/IB2012/001127	 (71)Name of Applicant : 1)TRIMEL BIOPHARMA SRL Address of Applicant :Durants Business Center Suite B Durants Christ Church BB17097 Barbados (72)Name of Inventor : 1)KREPPNER Wayne 2)FOGARTY Siobhan
Filing Date	:15/05/2012	3)OBEREGGER Werner
(87) International Publication No	:WO 2012/156822	4)MAES Paul Jos Pierre Marie
(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 intranasal testosterone gels for the controlled release of testosterone into the systemic circulation of males and females for providing constant effective testosterone blood levels without inducing undesired testosterone spike in blood levels following pernasal administration. The intranasal testosterone gels of the present invention are safe convenient to use well tolerated stable and easily and reproducibly manufactured on scale up. Moreover because supra normal and sub normal testosterone blood levels are believed to be essentially kept to a minimum or avoided and the testosterone serum levels are believed to remain essentially constant during dose life i.e. the intranasal testosterone gels of the present invention mimic or restore testosterone blood levels to normal physiologic daily rhythmic testosterone levels the novel intranasal testosterone gels of the present invention are uniquely suited for testosterone replacement or supplemental therapy and effective for treating males diagnosed with for example male testosterone deficiency such as low sexual libido low sexual drive low sexual activity low fertility low sexual stimulation hypoactive sexual desire disease (HSDD) female sexual arousal disorder and/or anorgasmia. The present invention also relates to methods and

pre filled multi dose airless applicator systems for pernasal administration of the nasal testosterone gels of the present invention.

No. of Pages : 256 No. of Claims : 157

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR DETERMINING A MEASUREMENT VALUE PROPORTIONAL TO A RATIO OF INDUCTIVITES OR CAPACITANCES OF TWO INDUCTIVE OR CAPACITIVE COMPONENTS, AND METHOD THEREFOR

 (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 	:NA :NA	 (71)Name of Applicant : 1)PARAGON AG Address of Applicant :SCHWALBENWEG 29, 33129 DELBRUCK, GERMANY (72)Name of Inventor : 1)MONKEMOLLER RALF
Filing Date	:NA	

(57) Abstract :

A device (1) and a method for determining a measurement value (Us) proportional to a ratio of inductivities or capacitances of two inductive or capacitive components (2, 3), comprises a first measuring probe (4) in which the first inductive or capacitive component (2) and a first measurement resistor (10) are arranged, and a second measuring probe (5) in which the second inductive or capacitive component (3) and a second measurement resistor (13) are arranged. In order to be able to make the proportional measurement value (Us) available with as little effort as possible, it is suggested to provide a control element (9) via which a voltage jump may be applied to the two measuring probes (4, 5) simultaneously and via which a time interval is predefinable for the time after the voltage jump, and a sampling circuit (15) that may be triggered by the control element (9) after the predefinable time interval has elapsed and via which a voltage differential (Udiff) between the two measuring resistors (10,13) may be sampled and made available at the output as a measured value (Us) proportional to the ratio between the two inductivities or capacitances of the two inductive or capacitive components (2,3).

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

(19) INDIA

(22) Date of filing of Application :31/10/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOVEL DIPHENYLMETHANE DERIVATIVES AS SGLT2 INHIBITORS

		(71)Name of Applicant :
		1)GREEN CROSS CORPORATION
(51) International classification	:A61K31/357,A61K31/343,A61K31/35	Address of Applicant :#303 Bojeong dong Giheung gu Yongin si Gyeonggi do 446 770 Republic of Korea
(31) Priority Document No	:61/492143	(72)Name of Inventor : 1)CHOI Soongyu
(32) Priority Date	:01/06/2011	2)SONG Kwang Seop
(33) Name of priority country	:U.S.A.	3)LEE Suk Ho 4)KIM Min Ju
(86) International		5)SEO Hee Jeong
Application No	:PCT/KR2012/004366 :01/06/2012	6)PARK Eun Jung
Filing Date	.01/00/2012	7)KONG Younggyu
(87) International	:WO 2012/165914	8)PARK So Ok
Publication No		9)KANG Hyunku 10) UNC Myung Fun
(61) Patent of Addition to Application Number	:NA	10)JUNG Myung Eun 11)LEE Kinam
Filing Date	:NA	12)KIM Hyun Jung
(62) Divisional to		13)LEE Jun Sung
Application Number	:NA	14)LEE Min Woo
Filing Date	:NA	15)KIM Mi Soon
2		16)HONG Dong Ho
		17)KANG Misuk

(57) Abstract :

The present invention relates to a compound with a diphenylmethane moiety having an inhibitory activity against sodium dependent glucose cotransporter 2 (SGLT2) being present in the intestine and kidney and a pharmaceutical composition comprising the same as an active ingredient which is useful for preventing or treating metabolic disorders particularly diabetes. The present invention also provides a method for preparing the compound and a method for preventing or treating metabolic disorders particularly diabetes by using the compound.

No. of Pages : 328 No. of Claims : 14

(19) INDIA

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

(54) Title of the invention : AUSTENITIC STAINLESS STEEL

(43) Publication Date : 02/01/2015

· · · ·		I.
(51) International classification	:C22C38/58,C22C38/44	(71)Name of Applicant :
(31) Priority Document No	:201103887-4	1)UNITED PIPELINES ASIA PACIFIC PTE LIMITED
(32) Priority Date	:26/05/2011	Address of Applicant :50 Raffles Place #32 01 Singapore Land
(33) Name of priority country	:Singapore	Tower Singapore 048623 Singapore.
(86) International Application No	:PCT/SG2012/000183	(72)Name of Inventor :
Filing Date	:24/05/2012	1)ROSCOE Cecil Vernon
(87) International Publication No	:WO 2012/161661	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Austenitic stainless steel is disclosed herein. In the described embodiments the austenitic stainless steel comprises 16.00 wt % of Chromium; 8.00 wt % of Nickel to 27.00 wt% of Nickel; no more than 7.00 wt % of Molybdenum; 0.40 wt % of Nitrogen to 0.70 wt % of Nitrogen 1.0 wt % of Manganese to 4.00 wt % of Manganese and less than 0.10 wt % of Carbon wherein the ratio of the Manganese to the Nitrogen is controlled to less than or equal to 10.0. Austenitic stainless steel based on specified minimum PREN (Pitting Resistance Equivalent Number) values is also disclosed. (1) PRE = wt%Cr + 3.3xwt%(Mo) + 16wt%N >= 25 for N in range of 0.40 0.70. (2) PRE = wt%Cr + 3.3xwt%(Mo+W) + 16wt%N >= 27 for N in range of 0.40 0.70 with W present.

No. of Pages : 154 No. of Claims : 203

(19) INDIA

(22) Date of filing of Application :02/03/2013

 (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 	A62B17/04, A62B7/10, A62B19/ :2012 02695 :06/03/2012 :Ukraine :NA :NA : NA : NA	 (71)Name of Applicant : 1)JSC «DONETSK MINE RESCUE EQUIPMENT COMPANY» Address of Applicant :vul. Levytskogo 31, Donetsk, 83048 Ukraine (72)Name of Inventor : 1)LITMAN LEONID 2)KOTIUKHOV MYKOLA 3)POPOV VOLODYMYR
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(54) Title of the invention : REGENERATIVE CARTRIDGE OF A REBREATHER

(57) Abstract :

This invention relates to the respiratory organ protection systems and in particular to the isolating self-rescuers with chemically bonded oxygen, which find applications in the mining, chemical and other industries. The regenerative cartridge of a rebreather includes: a hermetic housing with an inhale-exhale socket and a socket of a breathing bag; a perforated shell arranged in the housing with an annular gap between the shell and the side wall of the housing and made with a central channel having perforated walls; a regenerative product arranged in the room of the perforated shell; a heat-gas distributor arranged in the bulk of the regenerative product, where said central channel is connected with an inhale-exhale socket, and n annular gap is connected with the socket of the breathing bag, characterized in that the heat-gas distributor is made in form of perforated plates positioned in a radial arrangement in the bulk of the regenerative product between the perforated shell and the central channel, one of the lateral sides of each perforated plates are successively connected between them so as to form a central channel confined by the shelves of the L-shaped bends. Proposed regenerative cartridge of a rebreather enables to increase the efficiency of the process of regeneration of the air-gas mixture owing to improvement of the heat-mass transfer conditions in the regenerative cartridge without decreasing of the manufacturability of the article.

No. of Pages : 16 No. of Claims : 5

(22) Date of filing of Application :03/10/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CHROMENONE COMPOUNDS AS PI 3 KINASE INHIBITORS FOR THE TREATMENT OF CANCER

 (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 	:11290187.1 :13/04/2011 :EPO :PCT/GB2012/050793 :12/04/2012 :WO 2012/140419	 (71)Name of Applicant : 1)ASTRAZENECA AB Address of Applicant :SE 151 85 Sdertlje Sweden Sweden (72)Name of Inventor : 1)BARLAAM Bernard Christophe 2)DEGORCE Sebastien Louis 3)LAMBERT VAN DER BREMPT Christine Marie Paul 4)LOHMANN Jean Jacques Marcel 5)PLE Patrick
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(57) Abstract :

The invention concerns chromenone compounds of Formula I; or pharmaceutically acceptable salts thereof wherein each of R R R R R n and R has any of the meanings defined hereinbefore in the description; processes for their preparation pharmaceutical compositions containing them and their use in the manufacture of a medicament for use in the treatment of cell proliferative disorders.

No. of Pages : 159 No. of Claims : 20

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN INNOVATIVE SYSTEM FOR PROTECTION OF SWITCHGEAR FROM SINGLE PHASING & WELDING IN ELECTRICAL LIFE TESTING

 (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 	:H01H 33/59,H02H9/00 :NA :NA :NA :NA :NA : NA :NA :NA	 (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI - 400 001, MAHARASHTRA, INDIA. (72)Name of Inventor : 1)SOMNATH V BORATE 2)JYOTI MALYAN 3)VIRENDER SINGH BURA
(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 generally to tracking failure in test unit and more particularly to tracking failure like single phase and welding in a test unit. The system for tracking failure in test unit that through the embedded contactors and detecting element captures and provide accurate data of performance & test failure.

No. of Pages : 22 No. of Claims : 5

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FC RECEPTOR BINDING PROTEINS

(57) Abstract :

The disclosure relates to antibodies that bind FcRn and methods of using these antibodies.

No. of Pages : 121 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONDOM ROLLING & PACKING MACHINE.

(51) International classification	A61F6/04,	(71)Name of Applicant : 1)MATHEW ZAKARIAHS
	A61F6/00	Address of Applicant :A-302, EVENING STAR, RAHEJA
(31) Priority Document No	:NA	VIHAR COMPLEX, CHANDIVALI, MUMBAI-400 072, INDIA.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MATHEW ZAKARIAHS
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 :

CONDOM ROLLING AND PACKAGING DEVICE A condom rolling and packaging device (100) includes a movable twine (3, 3A) to move at least one condom in an upright position. A rotary disc assembly (32) powered sequentially receives the plurality of condoms from the at least one movable twine in the upright position, wherein the rotary disc assembly holds the plurality of received condoms along a circular periphery. A stationary electronic sensor (38) sequentially evaluates the quality of the plurality of condom held in the upright position by the rotary disc assembly. A rolling unit (44) rolls the plurality of condoms evaluated by the electronic sensor. An ejector (46) is triggered by the electronic sensor to collect the rolled condoms from the rotary disc assembly for rejecting a set of the rolled condoms. A lubrication and packaging device (47, 49) extracts from the rotary disc assembly, another set of rolled condoms for lubrication andpackaging.

No. of Pages : 31 No. of Claims : 10

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : POLYMER MEMBRANE AND PROCESS FOR PREPARING THE SAME

(51) International classification	B01D71/34,	 (71)Name of Applicant : 1)DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY, (DEEMED UNIVERSITY) Address of Applicant :GIRINAGAR, P.O. PUNE 411025,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA
(32) Priority Date(33) Name of priority country	:NA	(72)Name of Inventor : 1)BALASUBRAMANIAN K.
(86) International Application No	:NA	2)FUHAR DIXIT
Filing Date	:NA	3)TUSHAR SATHIYA
(87) International Publication No	: NA	5)TUSHAK BATHITA
(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 polymer membrane and a process for preparing the polymer membrane. The polymer membrane comprises of atleat one polymer, nanoparticles of atleast one metal ion, atleast one herbal extract and citrate extract.

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

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A DRY QUENCHING PROCESS FOR WHITE CEMENT CLINKER MANUFACTURING

(51) International classification(31) Priority Document No(32) Priority Date	:C04B7/48 :NA :NA	 (71)Name of Applicant : 1)ULTRATECH CEMENT LIMITED Address of Applicant :B WING, 2ND FLOOR, AHURA
(33) Name of priority country	:NA	CENTRE, MAHAKALI CAVES ROAD, ANDHERI (EAST),
(86) International Application No	:NA	MUMBAI 400 093, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KAPOOR HANS RAJ
(61) Patent of Addition to Application Number	:NA	2)JAIN RAMESH CHAND
Filing Date	:NA	3)CHHAPERWAL SUNIL
(62) Divisional to Application Number	:NA	4)VYAS, INDER RAJ
Filing Date	:NA	

(57) Abstract :

The present disclosure teaches a dry quenching process for hot cement clinker manufacturing, wherein hot cement clinkers fed into a chamber (104) are quenched by passing a non-oxidizing gas over the hot cement clinkers, thereby heating the non-oxidizing gas. The heated non-oxidizing gas leaving the chamber (104) is re-circulated in the chamber (104) after extracting the sensible heat from the inert gas. The dry quenching process of the present disclosure enables conservation of energy while eliminating usage of water for quenching hot cement clinkers.

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

(22) Date of filing of Application :25/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOVEL ANTIFUNGAL 5 6 DIHYDRO -4H- PYRROLO[1 2 -A][1 4]BENZO DIAZEPINES AND 6H-PYRROLO[1 2 A][1 4]BENZODIAZEPINES SUBSTITUTED WITH HETEROCYCLIC DERIVATIVES

(51) International classification	:C07D487/04,A61K31/5513	(71)Name of Applicant :
(31) Priority Document No	:11164960.4	1)JANSSEN PHARMACEUTICA NV
(32) Priority Date	:05/05/2011	Address of Applicant : Turnhoutseweg 30 B 2340 Beerse
(33) Name of priority country	:EPO	BELGIUM
(86) International Application No	:PCT/EP2012/058142	(72)Name of Inventor :
Filing Date	:03/05/2012	1)MEERPOEL Lieven
(87) International Publication No	:WO 2012/150305	2)MAES Louis Jules Roger Marie
(61) Patent of Addition to Application	n.NIA	3)DE WIT Kelly
Number		4)AUGUSTYNS Koen Jan Ludovicus
Filing Date	:NA	
(62) Divisional to Application	.NI A	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is concerned with novel antifungal 5 6 dihydro 4 pyrrolo [1 2][1 4]benzodiazepines and 6 pyrrolo[1 2][1 4]benzodiazepines substituted with heterocyclic derivatives of Formula (I) wherein R R R R and Het have the meaning defined in the claims. The compounds according to the present invention are active mainly against dermatophytes and systemic fungal infections. The invention further relates to processes for preparing such novel compounds pharmaceutical compositions comprising said compounds as an active ingredient as well as the use of said compounds as a medicament.

No. of Pages : 107 No. of Claims : 15

(22) Date of filing of Application :13/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : INTRANASAL TESTOSTERONE BIO ADHESIVE GEL FORMULATIONS AND USE THEREOF FOR TREATING MALE HYPOGONADISM

 (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 	:PCT/IB2012/001112 :15/05/2012 :WO 2012/156820 :NA :NA	 (71)Name of Applicant : 1)TRIMEL BIOPHARMA SRL Address of Applicant :Durants Business Center Suite B Durants Christ Church BB17097 Barbados (72)Name of Inventor : 1)KREPPNER Wayne 2)FOGARTY Siobhan 3)OBEREGGER Werner 4)MAES Paul Jos Pierre Marie
(62) Divisional to Application Number Filing Date	NA NA	

(57) Abstract :

The present invention relates to pernasal testosterone bio adhesive gel formulations for intranasal administration and testosterone replacement treatment methods for using the pernasal testosterone bio adhesive gel formulations for providing sustained intranasal delivery of testosterone to testosterone deficient males to treat for example male subjects diagnosed with hypogonadism.

No. of Pages : 160 No. of Claims : 28

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ADJUSTABLE AND AUTOMATED TREATMENT PLATFORM OF DYNAMIC BACK-BENDING-BENCH FOR PHYSIOTHERAPEUTIC TREATMENT.

(51) International classification(31) Priority Document No	:A61H33/00, A61H37/00 :NA	(71)Name of Applicant : 1)RAJARAMBAPU INSTITUTE OF TECHNOLOGY Address of Applicant :RAJARAMNAGAR, SAKHARALE -
(32) Priority Document No	:NA :NA	415414 (ISLAMPUR) TALUKA:WALWA, DISTRICT:
(33) Name of priority country	:NA	SANGLI, MAHARASHTRA STATE, INDIA
(86) International Application No	:NA	2)NIRAMAY INSTITUTE OF REHABILITATION,
Filing Date	:NA	TRAINING AND RESEARCH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DIVEKAR, DHANAJAY DATTATRAY
Filing Date	:NA	2)DESHPANDE, PRASHANT PRALHAD
(62) Divisional to Application Number	:NA	3)DR. BHAGWAT, SANDEEP LAXMAN
Filing Date	:NA	

(57) Abstract :

The invention relates to new dynamic back-bending-bench to be used in physiotherapeutic treatment of patients having spinal disorders providing incremental passive spinal extension in human body and also used in physiotherapeutic exercise done by healthy individuals for maintain spinal flexibility therof. Owing to the fixed structure of the existing back-bending-bench, assistance of other persons is required by the therapist to provide small incremental extensions needed by the physically

impaired patient, which cannot be done by the patient himself. This makes the treatment more laborious and expensive. The present invention of new dynamic backbending-bench does not have one fixed structure. Instead, different shapes of top surface-profiles giving incremental modifications can be created by using plurality of

mechanical linkages, flats, platforms, and horizontal and vertical linear actuators. Thus the physically impaired patient can be easily provided with small incremental extensions to the back-bone of the patient, by the physiotherapist.

No. of Pages : 26 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A SCHEDULING SYSTEM :H04M3/436, (71)Name of Applicant : H04Q3/62, 1)EMERSON ELECTRIC CO. (51) International classification H04M3/42. Address of Applicant :8000 WEST FLORISSANT AVENUE H04M11/0 ST. LOUIS, MISSOURI 63136 USA (72)Name of Inventor : (31) Priority Document No :NA (32) Priority Date 1)GAHERWAR SHILPA KIRANSING :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) 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 scheduling system for scheduling operation of a device includes a touch screen based user interface, a selection module, a storage memory and a communication network. The touch screen based user interface displays a plurality of scrollable, selectable options corresponding to different settings, different modes of operation of the device to be scheduled and different time zones for which the system is to be scheduled for. The touch screen based user interface further displays the different settings, the different modes of operation of the device for the different time zones as selected by a user to define a particular operation schedule for the device. The selection module facilitates navigation and selection of the options from the plurality of scrollable, selectable options displayed on the touch screen based user interface for selectively defining a particular operation schedule for the device.

No. of Pages : 29 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOUNDS AND METHODS FOR TREATMENT OF HYPERTENSION (51) International classification :A61K31/55 (71)Name of Applicant : (31) Priority Document No 1)MEDIVATION TECHNOLOGIES INC. :61/444655 (32) Priority Date Address of Applicant :525 Market Street 36th Floor San :18/02/2011 (33) Name of priority country Francisco California 94105 U.S.A. :U.S.A. :PCT/US2012/025755 (72)Name of Inventor : (86) International Application No Filing Date **1)PROTTER Andrew Asher** :17/02/2012 (87) International Publication No :WO 2012/112966 2)CHAKRAVARTY Sarvajit (61) Patent of Addition to Application **3)JAIN Rajendra Parasmal** :NA Number **4)GREEN Michael John** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Hydrogenated pyrido[4 3 b]indoles pyrido [3 4 b] indoles and azepino[4 5 b]indoles are described. The compounds may bind to and are adrenergic receptor a antagonists. The compounds may also bind to and antagonize adrenergic receptor a. The compounds may find use in therapy . to (i) reduce blood pressure and/or (ii) promote renal blood flow and/or (iii) decrease or inhibit sodium reabsorption. The compounds may also be used to treat diseases or conditions that are or are expected to be responsive to a decrease in blood pressure. Use of the compounds to treat cardiovascular and renal disorders is particularly described.

No. of Pages : 547 No. of Claims : 114

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : TARGET CELL SELECTION FOR MULTIMEDIA BROADCAST MULTICAST SERVICE CONTINUITY

(57) Abstract :

Transfer of Multimedia Broadcast/Multicast Services (MBMS) over a Single Frequency Network (MBSFN) service and idle mode unicast service for a mobile entity from a source base station to a target base station may be managed by a base station or mobile entity of a cellular wireless communications system (WCS). Operations related to the transfer may include obtaining an MBMS status of the mobile entity and/or obtaining MBMS support information for the base station. A network entity may facilitate MBMS discovery by a mobile entity by transmitting a data element to the mobile entity including service identifiers mapped to corresponding cell identifiers to indicate respective MBMS services to be broadcast in an WCS area on adjacent cells identified by respective ones of the cell identifiers. The MBMS services may be broadcast within the WCS area using the adjacent cells previously indicated in the data element.

No. of Pages : 133 No. of Claims : 79

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FUNGICIDAL SUBSTITUTED 1 {2 [2 HALO 4 (4 HALOGEN PHENOXY) PHENYL] 2 ALKOXY 2 CYCLYL ETHYL} 1H [1 2 4]TRIAZOLE COMPOUNDS

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07D249/08,A01N43/653 :11177555.7 :15/08/2011 :EPO :PCT/EP2012/065847 :14/08/2012 :WO 2013/024080 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)DIETZ Jochen 2)RIGGS Richard 3)BOUDET Nadege 4)LOHMANN Jan Klaas 5)CRAIG Ian Robert 6)HADEN Egon 7)LAUTERWASSER Erica May Wilson 8)MLLER Bernd 9)GRAMMENOS Wassilios 10)GROTE Thomas
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(57) Abstract :

The present invention relates to substituted 1 {2 [2 halo 4 (4 halogen phenoxy) phenyl] 2 alkoxy 2 cyclyl ethyl} 1 H [1 2 4]triazole compounds of formula I as defined in the description and the N oxides and salts thereof processes and intermediates for preparing these compounds and also to compositions comprising at least one such compound.. The invention also relates to the use of such compounds and compositions for combating harmful fungi and seed coated with at least one such compound.

No. of Pages : 85 No. of Claims : 17

(19) INDIA(22) Date of filing of Application :05/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TREATMENT OF BIOMETHANATED SPENT WASH

 (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 	:C02F9/08, C02F9/04, C02F3/28, C02F9/14 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)PRAJ INDUSTRIES LIMITED Address of Applicant :PRAJ HOUSE, BAVDHAN, PUNE - 411021, INDIA. Maharashtra India (72)Name of Inventor : 1)GHANSHAM BABURAO DESHPANDE 2)BHARAT ASHOK KADU 3)SADANANDA DAYANAND KONCHADY
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(57) Abstract :

The invention relates to a method for the treatment and evaporation of a biomethanated spent wash [BSW] produced in alcohol distilleries. More particularly to removing gaseous and heat labile volatile matters present in said BSW, making it more amiable to concentration along with partial recovery of clean water from said BSW for use in fermentation processes and utility applications.

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

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR MULTIPLE CONCURRENT WLAN OPERATIONAL MODES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication No (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (87) International to Application Number (87) International Publication Number (87) Internat	 2 (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)Vijayaraja PITCHAIAH 2)Srinivasan GANAPATHY 3)Ramachandran RANGANATHAN
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(57) Abstract :

Systems and methods are provided for enhancing the concurrency of a wireless device operating in multiple network contexts. At least one virtual interface may be implemented for each network context. A recurring communication event having a defined interval associated with one of the network contexts may be identified and the interval may be time divided into multiple operation periods, such that each operation period corresponds to one of the virtual interfaces. Accordingly, each virtual interface may be given access to the physical transceiver during the corresponding operation period. As desired, the operation periods may be subdivided into one or more slots, which may be associated with different priorities of communication.

No. of Pages : 31 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 02/01/2015

:D02G3/36	(71)Name of Applicant :
:102012003179.3	1)SAURER COMPONENTS GMBH
:17/02/2012	Address of Applicant :MARIA-MERIAN-STRASSE 8, D-
:Germany	70736 FELLBACH, GERMANY
:NA	(72)Name of Inventor :
:NA	1)DIEDRICH, JOACHIM
: NA	2)WINTER, JOSEF
:NA	
:NA	
:NA	
:NA	
	:102012003179.3 :17/02/2012 :Germany :NA :NA :NA :NA :NA :NA

(54) Title of the invention : DRAFTING ARRANGEMENT FOR DRAWING A ROVING YARN

(57) Abstract :

The invention relates to a drafting arrangement for drawing a roving yarn with drafting fields formed by feed, centre and withdrawal roller pairs, and a connected compression zone, wherein top delivery rollers are connected to the top withdrawal rollers by means of a cage element and the cage element is loaded by a pressure element in the direction of the bottom delivery rollers. According to the invention it is provided that the pressure element (15) is a spring element, which is configured to be length-variable in its longitudinal direction and is supported in an articulated manner, in each case, on bearing points at its two ends (32,33).

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

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

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

(51) International classification:A61P33/00 C07C215/0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No Filing Date:NA	 (71)Name of Applicant : 1)M/S. AANJANEYA LIFECARE LIMITED Address of Applicant :AANJANEYA HOUSE, PLOT NO 34, POSTAL COLONY, CHEMBUR, MUMBAI - 400 071, MAHARASHTRA, INDIA. (72)Name of Inventor : 1)DR. PRAFULL MATHUR
(87) International Publication No : NA	2)DR. SUVIGYA MATHUR
(61) Patent of Addition to Application Number :NA	3)DR. KANNAN VISHWANATH
Filing Date :NA	4)DR. ANAND KUMAR MISHRA
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

Abstract: The invention provides an improved process for preparation of Lumefantrine, or2-dibutylamino-l-{2,7-dichloro-9-[l-(4-chlorophenyl)meth-(Z)-ylidene]-9H-fluoren-4-yl}ethanoI and intermediate thereof. The process allows for applying new reaction and crystallization conditions for the Knoevenagle condensation and avoiding a laborious isolation and purification of product and intermediates thereof, therefore facilitating its scaling-up.

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

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ANTIBODY BASED PIEZOELECTRIC BIOSENSOR FOR DETECTION OF HEPATITIS- B

(51) International classification	G01N29/036, G01N29/30, G01N2	Address of Applicant :DEPARTMENT OF BIOTECHNOLOGY, KIT'S COLLEGE OF ENGINEERING,
(31) Priority Document No	:NA :NA	KOLHAPUR, M/S, INDIA-416234 Maharashtra India
(32) Priority Date(33) Name of priority country	:NA	(72)Name of Inventor : 1)DR. MONICA RAJAN SANANDAM
(86) International Application No	:NA	
Filing Date (87) International Publication No	:NA : 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 investigation describes the construction of an antibody- based piezoelectric biosensor capable of detecting Hepatitis B antigen in diluted cultures of attenuated Hepatitis B virus. In this context different sizes of At-cut quartz crystals are biomodified and XRD and Scanning Electron Microscopy was done to check for surface modifications. This was done to check the suitability of the crystals for use in fabrication of immunosensor. It is well known that the resonating frequency of an oscillating piezoelectric crystal can be affected by a change in the mass at the crystal surface. The piezoelectric immunosensors can measure the small change in mass. Gold thin flim was made on the AT cut quartz crystal electrode by sputter coating and Antibody control and test(Hepatitis) were immobilized onto the crystal which was pre-coated with protein A. The change in frequency was recorded after each step. The results are promising. It is an inexpensive, accurate, and reliable method for detection of Hepatitis B. it is most useful immunosensor from society & medical point of view.

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

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SELF EMULSIFYING DRUG DELIVERY SYSTEM OF AMIODARONE

(51) International classification	:A61K31/355, A61K47/22, A61K31/352	(71) Name of Applicant : 1)RAIYANI, MAHESHKUMAR BHANUBHAI Address of Applicant :A-82, PRATIK TENAMENTS, B/H
(31) Priority Document No	:NA	INDIA COLONY, THAKKARBAPA NAGAR ROAD,
(32) Priority Date	:NA	BAPUNAGAR, AHMEDABAD-382350. Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAIYANI, MAHESHKUMAR BHANUBHAI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

Τ

(57) Abstract :

The present invention is related to self emulsifying drug delivery system of Amiodarone suing oil and surfactant. The present invention also relates to process for preparing the self emulsifying drug delivery system.

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

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHTNING ENERGY STORAGE SYSTEM

(51) International classification	,	(71)Name of Applicant :
	H02J17/00	1)NORTHERN LIGHTS SEMICONDUCTOR CORP.
(31) Priority Document No	:13/571,057	11 /
(32) Priority Date	:09/08/2012	PAUL, MN55113, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)LAI, JAMES CHYI
Filing Date	:NA	
(87) 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 :

Embodiments of the present invention relate to an apparatus and method for collecting and/or storing electrical energy in lightning. A specific embodiment provides a lightning energy storage system that includes a lightning rod, a wire, a lightning energy harvester, and a ground rod. The lightning rod is configured to attract lightning and transfer electrical energy. The lightning energy harvester incorporates at least one magnetic capacitor and a switch. The ground rod is connected to the wire. A control signal controls the switch to direct the electrical energy to ground through the ground rod or to direct the electrical energy to charge the magnetic capacitor, in response to a charging state of the magnetic capacitor.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR MANUFACTURING NON-FIBRILLATING CELLULOSIC FIBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	B29C47/30 :NA :NA :NA :NA	Address of Applicant :BIRLAGRAM, NAGDA 456 331, MADHYA PRADESH, INDIA. (72)Name of Inventor : 1)PREETI LODHA
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	2)LALASO VISHNU MOHITE 3)SAYANTANI SAHA 4)BANDU MADHUKAR KALE 5)RENUKA MAKWANA

(57) Abstract :

A process for preparing spun cellulosic fibers is disclosed. The process comprises preparing a solution of cellulose in an ionic liquid, spinning the solution of cellulose to obtain spun cellulosic fibers, passing the spun cellulosic fibers sequentially through at least three baths having ionic liquid, wherein the concentration of ionic liquid in the first bath is in a range of 40-85% w/w, maintained at a temperature in a range of 5C to 60C, and the concentration of ionic liquid in each bath is lower than the preceding bath, and imparting a stretch to the spun cellulosic fibers in the first bath in a range of 15% to 100%. Spun cellulosic fibers having a fibrillation index of not more than 3 is also disclosed.

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

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF (R)-3-BOC AMINO PIPERIDINE, INTERMEDIATE FOR LINAGLIPTIN

(51) International classification	:C07D233/58, C07D487/04, C07D243/24, C07	 (71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :CADILA HEALTHCARE LTD; PLOT NO. 26-29 & 31, DABHASA-UMARAYA ROAD, VILL.
(31) Priority Document No	:NA	DABHASA- 391440, TAL. PADRA, DIST. VADODARA,
(32) Priority Date	:NA	GUJARAT, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DWIVEDI SHRIPRAKASH DHAR
Filing Date	:NA	2)SINGH KUMAR KAMLESH
(87) International Publication No	: NA	3)GAJERA JITENDRA MAGANBHAI
(61) Patent of Addition to Application Number	:NA	4)WARE DIGAMBER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of (R)-3-boc amino piperidine (I), the process comprising (a) reacting (R)-methyl 1-benzylpiperidine-3-carboxylate of Formula (V) with hydrazine hydrate in suitable organic solvent to obtain (R)-I-benzylpiperidine-3-carbohydrazide of Formula (IV); (b) treating compound of Formula (IV) with sodium nitrate in presence of acid to obtain (R)4-benzylpiperidin-3-arnine of Formula (III); (c) treating compound of Formula (III) with boc anhydride in presence of base to obtain (R)-tert-butyl 1-benzylpiperidin-3-ylcarbamate (II); (d) debenzylating the compound of Formula (II) with Pd/C in presence of catalyst in suitable organic solvent to obtain (R)-3-boc amino piperidine (I); and (e) isolating (R)-3-boc amino piperidine (I). The present invention also provides a diastereomer salt of (R)-methyl piperidine-3-carboxylate and (R)-mandelic acid of Formula (IV) and (R)-methyl l-benzylpiperidine-3-carboxylate of Formula (V). The present invention further provides a process for the preparation of methyl piperidine-3-carboxylate of Formula (VII)

No. of Pages : 23 No. of Claims : 17

(12) Date of filing of Application :19/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SUBSTITUTED CYANOANILINE COMPOUNDS PREPARATION AND USE THEREOF

(33) Name of priority country:ChinaINDUSTRY CO. (72)Name of Inver 1)LIU Changlin 2)HUANG Gua 3)LAN Jie(86) International Application No (61) Patent of Addition to Filing Date:PCT/CN2012/077011 :15/06/2012:DUUSTRY CO. (72)Name of Inver 3)LAN Jie(87) International Publication No (61) Patent of Addition to Filing Date:WO 2012/171484:DUUSTRY CO. (72)Name of Inver 3)LAN Jie(61) Patent of Addition to Filing Date (62) Divisional to Application Number:NA :NA:DUI Jui Changlin 3)LAN Jie(62) Divisional to Application Number:NA :NA:NA :NA:NA :NA	G RESEARCH INSTITUTE OF CHEMICAL D. LTD. ventor : ing lang h
Filing Date :NA	

(57) Abstract :

Disclosed is a substituted cyanoaniline compound or a salt thereof wherein the compound has a structure represented by General Formula I. The compound of General Formula I has broad spectrum fungicidal activity in the field of agriculture and effectively prevents against a variety of pathogens such as cucumber downy mildew wheat powdery mildew maize rust disease rice blast and cucumber gray mold. In particular even at a low dose the compound effectively prevents and treats rice blast cucumber gray mold maize rust disease and cucumber downy mildew. Moreover the raw materials for preparing the compounds are widely available and the synthesis method therefor is simple and convenient.

No. of Pages : 102 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :02/12/2013

(54) Title of the invention : SUBSTITUTED IMIDAZOPYRIDINYL AMINOPYRIDINE COMPOUNDS

		(71)Name of Applicant :
		1)ARQULE INC.
		Address of Applicant :19 Presidential Way Woburn MA
(51) International	:C07D471/04,C07D401/04,C07D413/14	
classification		(72)Name of Inventor :
(31) Priority Document	:61/500889	1)ASHWELL Mark A.
No		2)BRASSARD Chris
(32) Priority Date	:24/06/2011	3)FILIKOV Anton
(33) Name of priority	:U.S.A.	4)HILL Jason
country	.0.5.11.	5)KOERNER Steffi
(86) International	:PCT/US2012/043501	6)LAPIERRE Jean Marc
Application No	:21/06/2012	7)LIU Yanbin
Filing Date	.21/00/2012	· ·
(87) International	:WO 2012/177844	8)NAMDEV Nivedita 0)NICEWONCEP Bohowt
Publication No		9)NICEWONGER Robert
(61) Patent of Addition to	0.114	10)PALMA Rocio
Application Number		11)TANDON Manish
Filing Date	:NA	12)VENSEL David
(62) Divisional to		13)MATSUDA Akihisa
Application Number	:NA	14)IIMURA Shin
Filing Date	:NA	15)YOSHIDA Kenichi
Thing Date		16)YAMAZAKI Takanori
		17)KITAMURA Takahiro
		18)ISOYAMA Takeshi
		1

(57) Abstract :

The present invention relates to substituted imidazopyridinyl aminopyridine compounds and methods of synthesizing these compounds. The present invention also relates to pharmaceutical compositions containing substituted imidazopyridinyl aminopyridine compounds and methods of treating cell proliferative disorders such as cancer by administering these compounds and pharmaceutical compositions to subjects in need thereof.

No. of Pages : 171 No. of Claims : 20

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD OF DEVELOPING A TEST PROTOCOL AND ANALYSIS TECHNIQUE TO ASCERTAIN THE PERFORMANCE OF ASPHALTENE INHIBITORS IN EMULSIFIED CRUDE OIL USING AN OPTICAL INSTRUMENT.

(51) International classification(31) Priority Document No	:NA	(71)Name of Applicant : 1)ECOLAB USA INC.
(32) Priority Date(33) Name of priority country	:NA :NA	Address of Applicant :QUADRA I, 1ST FLOOR, HADAPSAR, PUNE, INDIA 411028 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAUGATA GON
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)CHETAN MUNDHADHA 3)SRIRAM SANTHANAGOPALAN
Filing Date	:NA	4)DAVID M. FOUCHARD
(62) Divisional to Application Number	:NA :NA	
Filing Date	INA	

(57) Abstract :

A method of developing a test protocol and analysis technique to ascertain the performance of asphaltene inhibitors in emulsified crude oil using an optical instrument comprising: injecting and mixing inhibitors in an oil water emulsion, analyzing the data collected from the optical instrument, calculating the optimal dosage of inhibitor in the emulsified crude oil using an analysis technique.

No. of Pages : 32 No. of Claims : 12

(22) Date of filing of Application :06/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : INTRANASAL LOWER DOSAGE STRENGTH TESTOSTERONE GEL FORMULATIONS AND USE THEREOF FOR TREATING ANORGASMIA OR HYPOACTIVE SEXUAL DESIRE DISORDER

 (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 	:A61K9/00,A61K31/568,A61K47/34 :61/518903 :13/05/2011 :U.S.A. :PCT/IB2012/001113 :14/05/2012 :WO 2012/156821 :NA :NA :NA	 (71)Name of Applicant : TRIMEL BIOPHARMA SRL Address of Applicant :Durants Business Center Suite B Durants Christ Church BB17097 Barbados (72)Name of Inventor : KREPPNER Wayne 2)FOGARTY Siobhan OBEREGGER Werner MAES Paul Jos Pierre Marie
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(57) Abstract :

The present invention relates to lower dosage strength pernasal testosterone gel formulations for intranasal administration and treatment methods for using the lower dosage strength pernasal testosterone gel formulations for treating a female subject with anorgasmia and/or hypoactive sexual desire disorder.

No. of Pages : 250 No. of Claims : 166

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : GENSET HOUSING

(51) International classification	B60P7/02,	(71)Name of Applicant : 1)KIRLOSKAR OIL ENGINES LIMITED
	H02K5/00, B60P7/00	Address of Applicant :LAXMANRAO KIRLOSKAR ROAD, KHADKI, PUNE - 411003, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MAMIDI NALINIKANT KUMAR
(33) Name of priority country	:NA	2)SALUNKE CHARUDATTA
(86) International Application No	:NA	3)KATE AJIT
Filing Date	:NA	4)CHATLA PRASHANT
(87) 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 a generator set assembly comprising at least one housing (100) provided with a modular, scalable and compact construction facilitating minimum foot print and to accommodate generators of varying sizes wherein said housing (100) is divided into an operative top compartment (20), an operative bottom compartment (10) and plurality of composite panels (10a,10b,10c,10d); at least one frame structure for assembling plurality of composite panels (10a,10b,10c,10d) for enclosing and defining an interior of the bottom compartment (10), wherein said bottom compartment (10) includes the composite panels (10a,10b,10c,10d) provided with clamping means (12) for assembly and removal of said composite panels (10a,10b,10c,10d) from the frame structure for accessing the generator housed inside the bottom compartment (10); at least one ventilation means (14) is provided on the front composite panel (10a) and the right hand side composite panel (10c) for ventilation of the interior of the bottom compartment (20) for cooling of engine coolant passing through radiator (22); at least one drawable means configured in the housing (100) for providing access to the generator and auxiliary equipments housed inside the housing (100); and acoustic means for controlling sound pollution.

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

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : STORAGE SYSTEM FOR STORING STATIC ELECTRICAL ENERGY IN ATMOSPHERE

(57) Abstract :

Embodiments of the invention relate to a system and method for collecting and storing static electrical energy in the atmosphere. An embodiment of the system comprises a control station, an airborne energy harvester with a fuselage, a collecting unit, and a storage module. The control station wireless communicates with the airborne energy harvester to control the movement of the airborne energy harvester. The collecting unit is mounted on a surface of the fuselage to collect the static electrical energy in the atmosphere. The storage module is located inside of the fuselage and includes at least one magnetic capacitor. The static electrical energy collected by the collecting unit is transferred and stored in the at least one magnetic capacitor.

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

(19) INDIA

(22) Date of filing of Application :05/03/2013

(54) Title of the invention : FUME EXTRACTION DEVIC	CE
(51) International classification :F24 (31) Priority Document No :NA	4C15/20 (71)Name of Applicant : 1)JYOTIRMAY BRAHMA
(32) Priority Date :NA (33) Name of priority country :NA	Address of Applicant :VALENCY COMPOUNDS
(86) International Application No :NA Filing Date :NA	Maharashtra India
(87) International Publication No(61) Patent of Addition to Application Number:NA	A 1)SANDIP MITRA
Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

A fume extraction device is disclosed that comprises a fume hood, a cabinet and a flexible arm connected therebetween. The fume hood includes a mesh that has a circular shape and a pore size of about 10 mm. The fume hood includes a magnetic grill assembly that includes a plurality of magnetic rods fixed on a framework configured therein. The magnetic rods capture at least 10 % of fume dust thereby arresting magnetic particles therefrom. The cabinet includes a first pre-filter section, a second filter assembly section and a third blower assembly section contained therein. The cabinet has a door, an indicator and an axially opposed pair of exhaust vents positioned thereon. The first pre-filter section includes an air diffuser that is defined by a perforated metal sheet. The second filter assembly section includes a filter. The third blower assembly includes a plate and a blower.

No. of Pages : 21 No. of Claims : 16

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PYRROLOPYRIDINEAMINO DERIVATIVES AS MPS1 INHIBITORS

 (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 Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D471/04,A61K31/437,A61K31/444 :1104267.8 :14/03/2011 :U.K. :PCT/GB2012/050564 :14/03/2012 :WO 2012/123745 to :NA :NA :NA :NA	 (71)Name of Applicant : 1)CANCER RESEARCH TECHNOLOGY LIMITED Address of Applicant : Angel Building 407 St John Street London EC1V 4AD U.K. (72)Name of Inventor : 1)BAVETSIAS Vassilios 2)ATRASH Butrus 3)NAUD Sbastien Gaston Andr 4)SHELDRAKE Peter William 5)BLAGG Julian
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(57) Abstract :

The present invention relates to the use of certain pyrrolopyridineamino derivatives (hereinafter referred to as PPA

derivatives) particularly 1H pyrrolo[3 2 c]pyridine 6 amino derivatives to inhibit the spindle checkpoint function of Monospindle 1 (Mps1 also known as TTK) kinases either directly or indirectly via interaction with the Mps kinase itself. In particular the present invention relates to PPA derivatives for use as therapeutic agents for the treatment and/or prevention of proliferative diseases such as cancer. The present invention also relates to processes for the preparation of the PPA derivatives and pharmaceutical compositions comprising them. Formula (I)

No. of Pages : 200 No. of Claims : 21

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMMUNOGENIC COMPOSITION FOR IMMUNE SYSTEM MODULATION AND USE THEREOF METHOD FOR TREATING AND PREVENTING DISEASES METHOD FOR INDUCING CELL REGENERATION AND METHOD FOR RESTORING IMMUNE RESPONSE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/BR2012/000072	 (71)Name of Applicant : 1)NOWILL Alexandre Eduardo Address of Applicant :Artur De Sousa Marques 363 Vila Tramontina S£o Paulo 05691 000 Sp Brasil Brazil (72)Name of Inventor : 1)NOWILL Alexandre Eduardo
Filing Date (87) International Publication No	:19/03/2012 ¹ :WO 2012/122618	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:NA :NA	
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to immunogenic compositions for modulating the immune system comprising a therapeutically effective quantity of two or more immuno active antigenic agents with pathogen associated molecular patterns (PAMPs) and/or danger associated molecular patterns (DAMPs) and one or more physiologically acceptable carriers excipients diluents or solvents. The immunogenic compositions according to the present invention are used for producing medicaments for preventing and/or treating and for preventing and/or treating infectious diseases auto immune diseases allergic diseases inflammation arthritis inflammatory diseases transplant rejection affections caused by vascular disorders diseases caused by haemorrhagic or ischaemic cardiovascular accidents ischaemia heart attack and haemorrhagia leading to tissue destruction heart kidney respiratory or liver insufficiency cancer malign and benign tumours and neoplasia. The present invention further relates to methods for inducing the regeneration of cells tissues organs and organic systems such as the circulatory nervous and endocrine systems. Finally the present invention relates to methods for restoring immune response in an animal in particular a human being.

No. of Pages : 189 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COOKING APPARATUS

(51) International classification	:F23D14/14, H05B3/20,	(71)Name of Applicant : 1)AGRAWAT BHARAT AMRUTBHAI
(31) Priority Document No	:NA	Address of Applicant :VILLAGE: PIKHOR, TALUKA:
(32) Priority Date	:NA	MALIYA (HATINA), DISTRICT: JUNAGADH, GUJARAT -
(33) Name of priority country	:NA	362245, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AGRAWAT BHARAT AMRUTBHAI
(87) 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 cooking apparatus comprising: a block with at least a multilevel burner with a single fuel feeding point, said multilevel burner comprising a cylindrical pot placed atop an opening with at least a grate located, therebetween, said at least a multilevel burner being at least a first burner; at least a second burner located adjacent said at least a first burner wherein hot fumes generated from said at least a first burner get deflected by a plurality of baffle plates at an angle in upward direction to said at least a second burner which, in turn, gets heated up; and at least a chimney located in communication with a last burner wherein a plurality of baffle plates at an angle in upward direction to an adjacently located burner deflect smoke towards the chimney.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITIONS OF AN S1P RECEPTOR AGONIST

 (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 	:A61K31/135, A61K31/137 :NA :NA :NA :NA :NA : NA : NA :NA	 (71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :SARKHEJ-BAVLA N.H. NO.8A, MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210, GUJARAT, INDIA (72)Name of Inventor : 1)KULKARNI SUSHRUT KRISHNAJI 2)HANDA AJAYKUMAR 3)DANTULURI PRUDHVI RAJU
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a stable pharmaceutical composition comprising an S1P receptor agonist and one or more pharmaceutically acceptable excipients, wherein the composition is free of a sugar alcohol. It also relates to method of preparing such compositions and using those compositions in the treatment of multiple sclerosis.

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

(22) Date of filing of Application :16/08/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOVEL USE OF A DENSE AND ERECT PANICLE 1 GENE IN IMPROVING NITROGEN UTILIZATION EFFICIENCY

 (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 	:C12N15/82 :201110029759.9 :27/01/2011 :China :PCT/US2012/022930 :27/01/2012 :WO 2012/103452 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 4058 Basel Switzerland 2)INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY CHINESE ACADEMY OF SCIENCES (72)Name of Inventor : 1)FU Xiangdong 2)WU Kun 3)QIAN Qian 4)ZHANG Chengwei 5)LIU Xueying 6)WANG Shuansuo
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(57) Abstract :

The present invention provides methods of increasing nitrogen utilization efficiency (NUE) in a transgenic plant comprising the introduction of a nucleic acid encoding a dep1 polypeptide into a plant to produce a transgenic plant that expresses the nucleic acid to produce the dep1 polypeptide thereby resulting in an increased NUE as compared with a control plant. Also provided are methods of increasing NUE in a plant comprising reducing the amount and/or activity of a DEP1 polypeptide.

No. of Pages : 89 No. of Claims : 20

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : CYCLOALKENYL ARYL DERIVATIVES FOR CETP INHIBITOR

classification (31) Priority Document No (31) C0/D263/16,C0/D263/22,C0/D413/06 :10-2011-0033943	 (71)Name of Applicant : 1)CHONG KUN DANG PHARMACEUTICAL CORP. Address of Applicant :368 3 ga Chungjeong ro Seodaemun gu Seoul 120 756 Republic of Korea (72)Name of Inventor : 1)LEE Seohee 2)OH Jungtaek 3)LEE Jaekwang 4)LEE Jaewon 5)BAE Suyeal 6)HA Nina 7)LEE Sera
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(57) Abstract :

The present invention relates to cycloalkenyl aryl derivatives isomers thereof pharmaceutically acceptable salts thereof hydrates thereof or solvates thereof; a method for preparing the derivatives; and pharmaceutical compositions containing the same. The compounds of the present invention show the effect of CETP activity inhibition. It means that the compounds can increase HDL cholesterol and decrease LDL cholesterol.

No. of Pages : 230 No. of Claims : 8

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : CULTURE M	IEDIA FOR STEM CELI	_S
 (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 	:C12N5/00 :61/520569 :10/06/2011 :U.S.A.	 (71)Name of Applicant : 1)KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN (KNAW) Address of Applicant :c/o Hubrecht Institute Uppsalalaan 8 NL 3584 CT Utrecht THE NETHERLANDS. (72)Name of Inventor : 1)CLEVERS Johannes Carolus 2)SATO Toshiro 3)HUCH ORTEGA Meritxell 4)KARTHAUS Wouter Richard

(57) Abstract :

Culture media and methods for expanding and differentiating populations of stem cells and for obtaining organoids. Expanded cell populations and organoids obtainable by methods of the invention and their use in drug screening toxicity assays and regenerative medicine.

No. of Pages : 221 No. of Claims : 62

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND COMPOSITIONS OF BENZYDAMINE HYDROCLORIDE THROAT SPRAY

 (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 	:A61K8/41, A61K8/40, A61P29/00, A61K31/4 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)PATEL JAGDISH M. Address of Applicant :B-209, SHREEJI APPT., K.K. NAGAR, UMIYA HALL ROAD, GHATLODIYA, AHMEDABAD-380 061, GUJARAT, INDIA (72)Name of Inventor : 1)PATEL JAGDISH M.
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(57) Abstract :

An orally administered composition for instant symptomatic relief of painful inflammatory conditions like Tonsillitis, Pharyngitis, Sore throat & other painful conditions of mouth & throat is described. This spray is Alcohol free. Sugar Free, Gluten Free, and Lactose Free. The composition include anti-inflammatory agent to treat inflamed tissue, astringent to firm up throat tissue, lubricant to moisten dry or dehydrated tissues. The composition also includes sweetening agent & flavouring agent for better taste, preservatives to stop growth of microorganisms. The spray should be directed onto the affected area due to nozzle attached with bottle.

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

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A FLUID POWERED TURBINE ENGINE		
 (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 		 (71)Name of Applicant : 1)BHANUSHALI DILIP VASANTLAL Address of Applicant :203, HINA APT, NUTAN PRASHANT SOC, TAMBE NAGAR, MULUND WEST, MUMBAI: 400080. Maharashtra India (72)Name of Inventor : 1)BHANUSHALI DILIP VASANTLAL

(57) Abstract :

The present invention is an Injection Engine to facilitate the green energy by converting the kinetic energy of fluids into efficient torque. The present invention employs an Air Injection System(Fig 1) to convert flowing fluid(s) in to low pressures or vacuums involving the displacement of fluids, a Multi Loop Compressed Air Engine (Fig 6) to produce efficient torque and green energy reservoir by using the low pressures or vacuums created by the said air injection system, having loop turbine(s)(Fig 6.T1,6.T2), air compressor (Fig 6.5), valve(s), Check valve(s), air reservoir(s)/tank (Fig 6.4), compressed air passage(s), connecting means, sensor(s), support structure(s) (Fig 6.6), decision making device and generator(s)(Fig 6.G1, 6.G2) to produce electricity.

No. of Pages : 32 No. of Claims : 22

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SURGICAL BONE CLAMP

	:A61B17/14,	(71)Name of Applicant :
(51) International classification	A61B17/17,	1)DR. ATHARV PRASHANT MORALWAR
	A61B17/15	Address of Applicant :310, NIRMAN VYAPAR KENDRA,
(31) Priority Document No	:NA	3RD FLOOR, ABOVE HOTEL NAVRATNA, SECTOR 17,
(32) Priority Date	:NA	VASHI, NAVI MUMBAI 400 705, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR. ATHARV PRASHANT MORALWAR
Filing Date	:NA	
(87) 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 bone clamp for providing clamping and support during fixing a fractured bone is disclosed. The bone clamp provides adequate clearance for drilling of holes and inserting the bone screws and can be used in fixation of a variety of fractures including transverse, spiral, long and short oblique, comminuted, and butterfly and wedge fragment fractures and for bone grafting. The apparatus comprises a support member 100 which is placed on the underside of the bone shaft 202. The support member 100includes a set of locking members 102comprising a pair of shaped recesses encompassed in a rotating wheel. A bone clamping means 204 comprises a pair of pivotally joint shafts and bone-gripping portions which have a pair of corresponding shaped ridges which are interposed in the shaped recesses. The wheel is rotated to lock the apparatus and thereby maintain the alignment and reduction in the bone shaft 202.

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

(19) INDIA

(22) Date of filing of Application :05/03/2013

(54) Title of the invention : PNEUMATIC COMPRESSION AND REDUCTION SPLINT

(51) International classification (31) Priority Document No	:A61F5/02, A61F5/34, A61F5/01 :NA	 (71)Name of Applicant : 1)DR. ATHARV PRASHANT MORALWAR Address of Applicant :310, NIRMAN VYAPAR KENDRA, 3RD FLOOR, ABOVE HOTEL NAVRATNA, SECTOR 17,
(32) Priority Date	:NA	VASHI, NAVI MUMBAI 400 705, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR. ATHARV PRASHANT MORALWAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved inflatable splint (100)to provide proper stabilization to an affected limb (102) is disclosed. The splint (100) comprises a halved non-elastic barrel (112) comprising an inlet means (116) and a hinge and lock arrangement (108, 110) for locking and releasing the barrel (112), at least one inflatable elastic pad (106) is ensconced in the barrel (112), which receives air or water through the inlet means (116), the elastic pad (106) is adapted to be selectively expanded, which on expanding, due to the non-elastic barrel (112), exerts unidirectional compression on the limb (102) to help achieve hemostatic control. A silicon pad (104), lining the elastic pad (106) on the operative inner surface, is provided for giving firm support to the limb(102) and preventing direct contact between the limb (102) and the elastic pad (106).

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

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : GELLED EMULSIFIED ACID SYSTEM FOR STIMULATION OF CARBONATE RESERVOIRS

 (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 	:NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)OIL AND NATURAL GAS CORPORATION LTD. Address of Applicant :IOGPT, PHASE - II, PANVEL - 410221, NAVI MUMBAI, MAHARASHTRA, INDIA. (72)Name of Inventor : 1)DILIP KUMAR SARMA 2)SAROJ CHAUDHARY 3)Y.R.L. RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an acid formulation customized by using Hydrochloric acid, corrosion inhibitor, surfactant, EDTA, XC polymer, a compound containing multiple hydroxyl groups as emulsifier and diesel, exhibits excellent properties for improving near wellbore connectivity and acid etched fracture conductivity during stimulation in carbonate reservoirs.

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

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BUS BAR ASSEMBLY FOR PROTECTING END PORTIONS THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:H01R13/44 :NA :NA	 (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAYOMAND MEDHORA
(61) Patent of Addition to Application Number	:NA	2)SADANAND G CHOUDHARI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a bus bar assembly for protecting end portions thereof. The assembly having a end cap, a comb / pin bar insulator and a comb / pin bus bar. The end-cap is provided for covering end-portions of the assembly. The end cap has a elongate U shape profile with one end closed, and at least one pipe configured on either of vertical members of the elongate U shape profile, wherein the pipe is tapping toward an open end. The comb / pin bar insulator has slots at end portion for passing pipe of the end cap at both ends thereby securing the end cap therein. The comb / pin bus bar is secured to the comb / pin bar insulator.

No. of Pages : 14 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :01/03/2013

(54) Title of the invention : ROTARY CONTACT ARRANGEMENT FOR LOW VOLTAGE CIRCUIT BREAKERS

 (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 	H01H73/00, H01H73/02 :NA :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, INDIA Maharashtra India (72)Name of Inventor : 1)R. SAMINATHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a rotary contact arrangement for low voltage circuit breakers. The rotary contact arrangement comprises a contact shaft (2) adapted to rotate with respect to its own center. The contact shaft (2) is rotated by the circuit breakers mechanism during normal ON, OFF and TRIP operation. The rotary contact arrangement further includes at least one moving contact (1) pivoted to the contact shaft (2). at least one first cylindrical pin (4) movably arranged in a slot provided in the contact shaft (2), at least one fixed/ stationary cylindrical pin (5) arranged on the contact shaft (2). at least one second cylindrical pin (6) attached to the second end of the moving contact (1), at least one connecting link (3) having a first end connecting to the first cylindrical pin (4) and a second end connecting to the second cylindrical pin (6), at least one pivotal pin (10) for suspending the moving contact (1) with the contact shaft (2), and at least one contact spring (11) having a first end connected to the first cylindrical pin (4) and a second end connected to the fixed/ stationary cylindrical pin (5).

No. of Pages : 26 No. of Claims : 3

(19) INDIA(22) Date of filing of Application :07/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A POLYMORPH OF AGOMELATINE AND PROCESS FOR ITS PREPARATION.

 (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 	:A61K31/165, A61P25/24, A61P3/10, C07C23 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :PLOT NO. 26 TO 29 & 31, DABHASA-UMARAYA ROAD VILL. DABHASA - 391440, TAL. PADRA, DIST. VADODARA, GUJARAT, INDIA (72)Name of Inventor : 1)DWIVEDI SHRI PRAKASH DHAR 2)PRASAD ASHOK 3)SHAH NIRAJ SHYAMLAL 4)PATEL MAYUR RAMNIKBHAI
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(57) Abstract :

The present invention relates to a novel crystalline polymorphic form of Agomelatine, The present invention also relates to the process for the preparation of a novel crystalline polymorphic form of agomelatine. The present invention also relates to an improved process for the preparation of Agomelatine along with its key intermediates.

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

(19) INDIA(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN ELECTRONIC TRIP UNIT (ETU) WITH AN INTERACTIVE DISPLAY SYSTEM

 (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 	H02H1/06, H02H11/00 :NA :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, INDIA Maharashtra India (72)Name of Inventor : 1)BHANWAR LAL BISHNOI 2)APEKSHA BALASAHEB LANDE 3)VIVEK SANJAY AGARWAL
		,
(61) Faten of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA :NA	

(57) Abstract :

Disclosed is an Electronic Trip Unit (ETU) for a circuit breaker. The Electronic Trip Unit (ETU) includes an interactive display system configured thereon, wherein the interactive display system intuitively displays data generated using information captured during circuit breaker tripping or pickup, thereby facilitating identifying of fault(s) in an electrical system that caused tripping of the circuit breaker. The interactive display system further receives inputs and instructions for programming the Electronic Trip Unit (ETU).

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

(19) INDIA

(22) Date of filing of Application :05/03/2013

(54) Title of the invention : ULTRA WALLET	
(31) Priority Document No:1(32) Priority Date:1(33) Name of priority country:1(36) International Application No:1Filing Date:1(87) International Publication No:1(61) Patent of Addition to Application Number:1Filing Date:1(62) Divisional to Application Number:1	:A45C1/06 (71)Name of Applicant : :NA 1)SHRIKANT R. SUNDERGIRI :NA Address of Applicant :FULLSINGH NIKE WARD, :NA BALLARPUR, DIST-CHANDRAPUR, PIN - 442901 :NA Maharashtra India :NA (72)Name of Inventor : : NA 1)SHRIKANT R. SUNDERGIRI :NA :NA :NA :NA

(57) Abstract :

According to the current statistics of 2012 population of India is around 1,220200,000(1.22 billion) in which there 628,800,000 (6.28 million) male and 591,400,000 (591.4 million) females. Out of the total population around 94% of male population and 96% of female population use wallets to keep their belongings. This includes money and other important stuff. In India on an average there are 20,000 wallets that are reported to be stolen or lost every year. This device can help the user track the location of his device The main aim of this invention is to provide a secured smart wallet for common men, especially for those who are constantly on the move. The main feature of this wallet is that it is light in weight, portable, easy to carry and water proof. The special feature of the wallet is that it is located with a GPS tracker that helps you find the location of the wallet in case the wallet is stolen. The wallet goes beyond 45 meters from the user it will start buzzing, so as to alert the user that the wallet is snatched from him. At the same time it will release a shocking voltage, not causing death by hard enough that the pick pocketed throws it away. While designing the wallet it was taken into account that the device neither makes the wallet bulky nor it disrupts the aesthetics of the designing. This system can either be served as an exclusive entity along with the wallet that consists of the auto lock feature and is waterproof, or can be independently fitted in any of the existing wallets. The device has various modes of operation. It can either be integrated with the phone and controlled using an application, or can be manually monitored using the remote that is provided with the system.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ACICLOVIR CO-CRYSTALS AND THE PROCESS OF PREPARATION THEIROF

(51) International classification	:A61K31/56, A61K38/00, A61K9/00	 (71)Name of Applicant : 1)DR. JIGNASA K. SAVJANI Address of Applicant :INSTITUTE OF PHARMACY,
(31) Priority Document No	:NA	NIRMA UNIVERSITY, S.G. HIGHWAY, AHMEDABAD-382
(32) Priority Date	:NA	481, GUJARAT, INDIÁ.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. CHIRAG D. PATHAK
Filing Date	:NA	2)DR. JIGNASA K. SAVJANI
(87) 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 co-crystals of Aciclovir that has a improved solubility compared to pure Aciclovir wherein the said cocrystals axe prepared with co-formers preferably Tartaric Acid, Succinic Acid, Malonic Acid, Glutaric Acid and Adipic Acid. The ratio of co-formers optimized for the said co-crystals is 1:6. The process for preparation of said co-crystals uses environmentally safe solvent i.e. water.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FAK INHIBITORS

 (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 	:C07D239/42,C07D401/12,C07D401/14 :61/443773 :17/02/2011 :U.S.A. :PCT/GB2012/000175 :17/02/2012 :WO 2012/110773 :NA :NA :NA	 (71)Name of Applicant : 1)CANCER THERAPEUTICS CRC PTY LIMITED Address of Applicant :4 Research Avenue Bundoora VIC 3083 Australia (72)Name of Inventor : HOLMES Ian Peter BERGMAN Ylva LUNNISS Gillian Elizabeth NIKAC Marica CHOI Neil HEMLEY Catherine Fae WALKER Scott Raymond FOITZIK Richard Charles GANAME Danny LESSENE Romina
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(57) Abstract :

A compound of the formula (I): where R or R is a cycle amine group and R is an aromatic group with a carbonyl containing substituent for use as a FAK inhibitor.

No. of Pages : 185 No. of Claims : 29

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SELECTIVE FAK INHIBITORS

 (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 	:C07D239/42,C07D401/12,A61K31/506 :61/443773 :17/02/2011 :U.S.A. :PCT/GB2012/000176 :17/02/2012 :WO 2012/110774 O :NA :NA :NA	 (71)Name of Applicant : 1)CANCER THERAPEUTICS CRC PTY LIMITED Address of Applicant :4 Research Avenu Bundoora VIC 3083 Australia (72)Name of Inventor : HOLMES Ian Peter BERGMAN Ylva LUNNISS Gillian Elizabeth NIKAC Marica CHOI Neil HEMLEY Catherine Fae WALKER Scott Raymond FOITZIK Richard Charles GANAME Danny LESSENE Romina
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(57) Abstract :

A compound of the formula (I) where R or R is a cycle amine group and R is an aromatic group with a carbonyl containing substituent for use as a FAK inhibitor.

No. of Pages : 103 No. of Claims : 26

(22) Date of filing of Application :17/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : INDANONE DERIVATIVES PHARMACEUTICALLY ACCEPTABLE SALTS OR OPTICAL ISOMERS THEREOF PREPARATION METHOD FOR SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME AS ACTIVE INGREDIENT FOR PREVENTING OR TREATING VIRAL DISEASES

(51) Internationalclassification(31) Priority Document No	A01K31/34,A01K31/343,A01K31/12	(71)Name of Applicant : 1)KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY
(32) Priority Date	:16/06/2011	Address of Applicant :100 Jang dong Yuseong gu Daejeon si
(33) Name of priority country	:Republic of Korea	305 811 Republic of Korea2)KATHOLIEKE UNIVERSITEIT LEUVEN K.U.
(86) International Application No Filing Date	:PCT/KR2012/004806 :18/06/2012	LEUVEN R & D (72)Name of Inventor : 1)JUNG Young Sik
(87) International Publication No	:WO 2012/173448	2)LEE Chong Kgo 3)KIM Hae Soo
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)JEONG Hee Chun 5)KIM Pil Ho 6)HAN Soo Bong
(62) Divisional to Application Number Filing Date	:NA :NA	7)SHIN Jin Soo 8)NEYTS Johan 9)THIBAUT Hendrik Jan

(57) Abstract :

The present invention relates to a novel indanone derivative pharmaceutically acceptable salts or optical isomers thereof a preparation method for same and a pharmaceutical composition containing same as an active ingredient for preventing or treating viral diseases. The indanone derivatives according to the present invention not only have low cyto toxicity but can also demonstrate utility as pharmaceutical compositions for preventing or treating viral diseases such as: polio viral paralysis acute hemorrhagic conjunctivitis viral meningitis hand foot mouth disease blistering diseases hepatitis A myositis myocarditis pancreatitis viral diabetes epidemic myalgia encephalitis flu herpes angina foot and mouth disease asthma chronic obstructive pulmonary disease pneumonia sinusitis otitis media and the like since excellent antiviral activity against picornaviruses such as Coxsackie virus enterovirus echovirus polio virus rhinovirus and the like have been demonstrated.

No. of Pages : 393 No. of Claims : 17

(22) Date of filing of Application :18/10/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : INSULIN LIKE GROWTH FACTOR 1 RECEPTOR INHIBITORS

 (51) International classification (31) Priority Documen 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 	:01/4//93/ :21/04/2011 :U.S.A. :PCT/US2012/034188 :19/04/2012 :WO 2012/145471	 (71)Name of Applicant : 1)MERCK SHARP & DOHME CORP. Address of Applicant :126 East Lincoln Avenue Rahway New Jersey 07065 0907 U.S.A 2)PIRAMAL ENTERPRISES LIMITED (72)Name of Inventor : 1)BALACHANDRAN Sarala 2)DINSMORE Christopher J. 3)ROYCHOWDHURY Abhijit 4)SHARMA Rajiv 5)VISHWAKARMA Ram Asrey
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(57) Abstract :

The present invention relates to compounds that are capable of inhibiting modulating and/or regulating Insulin Like Growth Factor I Receptor and Insulin Receptor. The compounds of the instant invention possess a core structure that comprises a sulfonyl indole moiety. The present invention is also related to the pharmaceuticaUy acceptable salts hydrates and stereoisomers of these compounds.

No. of Pages : 124 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A STACKING AND MOUNTING ARRANGEMENT FOR MODULAR ELECTRICAL DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H02G3/12, H02G3/08 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, INDIA Maharashtra India (72)Name of Inventor : 1)SDEEKALA MADA KKANH
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)SREEKALA MADAKKAVIL 2)SADANAND CHOUDHARI 3)JAMMULA AJITH KUMAR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a modular switch disconnectorthat comprises a stacking arrangement. The stacking arrangement includes a plurality of stacking plates and a plurality of stacking screws such that the stacking plates position on mechanism housing before positioning of the modular poles forpreventing physical deterioration of a plurality of mouldings of the mechanism. The modular switch disconnector comprises a mounting arrangement that includes a first pair of cross nutsthat position into a cavity of the housing of the modular poles for facilitating positioning of the mounting plates thereon. The stacking plates facilitate a room for dissipation of heat from a rotor coupling of the switch disconnector thereby ensuring sufficient cooling thereof. The mounting arrangement includes at least one mounting bracket adapted to add robustness to the stacking arrangement.

No. of Pages : 16 No. of Claims : 5

(22) Date of filing of Application :05/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A NOVEL TABLET DOSAGE FORM

(51) International classification	:A61K9/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant : Wockhardt Towers, Bandra-Kurla
(33) Name of priority country	:NA	Complex, Bandra (East), Mumbai 400 051. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Jain, Girish Kumar
(87) International Publication No	: NA	2)Gundu, Ramakant Kashinath
(61) Patent of Addition to Application Number	:558/MUM/2008	3)Dabre, Rahul Sudhakar
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a tablet dosage form comprising a) a layer, comprising a tablet of at least one active ingredient, inlayed in said layer with other pharmaceutically acceptable excipients; b) a layer comprising at least one active ingredient other than mentioned in (a) optionally with other pharmaceutically acceptable excipients.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : IL17 AND IFN GAMMA INHIBITION FOR THE TREATMENT OF AUTOIMMUNE INFLAMMATION

(33) Name of priority country:EPO(72) Nat 1) LE(86) International Application No Filing Date:PCT/EP2012/051357 :27/01/20123) BA 4) SAU	SC DISCOVERY GMBH ddress of Applicant :Am Klopferspitz 19a 82152 Planegg nsried Germany ame of Inventor : EBAN Johann ASLER Stefan AUMGARTNER Roland AEB Wael HEVRIER Carine
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(57) Abstract :

The present invention relates to compounds of the general formula (I) and the pharmaceutically acceptable salt or solvate thereof as anti inflammatory and immunomodulatory agents.

No. of Pages : 166 No. of Claims : 15

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : TRUNCATED HIV ENVELOPE PROTEINS (ENV) METHODS AND COMPOSITIONS RELATED THERETO

 (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 	:A61K39/21,C07K14/16 :61/478857 :25/04/2011 :U.S.A. :PCT/US2012/035026 :25/04/2012 :WO 2012/149038 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ADVANCED BIOSCIENCE LABORATORIES INC. Address of Applicant :9800 Medical Center Drive Building D Rockville MD 20850 U.S.A U.S.A. 2)THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES 3)HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE (72)Name of Inventor : 1)KALYANARAMAN Vaniambadi 2)WHITNEY Stephen 3)VANCOTT Thomas C. 4)POLONIS Victoria 5)ALVING Carl 6)MATYAS Gary R. 7)RAO Mangala 8)MAROVICH Mary 9)MCCUTCHAN Francine 10)TOVANABUTRA Sodsai 11)SANDERS BUELL Eric
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(57) Abstract :

The instant application provides methods and related compositions pertaining to novel HIV envelope proteins. In some

embodiments the invention relates to methods and compositions for the preparation production and administration of isolated novel HIV envelope nucleic acid and protein sequences suitable for example as vaccines against HIV.

No. of Pages : 206 No. of Claims : 60

(21) Application No.2273/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : WATER TREATMENT METHODS INVOLVING PARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (61) Patent of Addition to Application Number Filing Date (52) Divisional to Application NA Name of priority country (53) NA (54) Name of Patent of Application (54) Name of Patent of Application (55) Name of Patent of Application (56) Divisional to Application (57) Name of Patent of Application (58) Name of Patent of Application (51) Name of Patent of Application (52) Divisional to Application (53) Name of Patent of Patent of Application (54) Name of Patent of	IAddress of Applicant :12 Hoshen Street P.O. Box 17 1790600Shimshit Israel(72)Name of Inventor :1)MENASHE Ofir
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(57) Abstract :

Methods of reducing nitrate overload in water of purifying food industry wastewater or of purifying pharmaceutical wastewater are disclosed. The methods comprising contacting the water or wastewater with a particle comprising: (i) at least one inner core which comprises a solid matrix of nutrients for microorganism growth; (ii) an inner membrane being fabricated from a water soluble polymer the inner membrane surrounding the inner core and a population of dried microorganisms; and (iii) an outer porous membrane surrounding the inner membrane the outer porous membrane being insoluble in water. Methods of treating water of purifying municipal wastewater of purifying food industry wastewater of purifying pharmaceutical wastewater of reducing sludge production and stabilizing a wastewater purification treatment are also disclosed.

No. of Pages : 155 No. of Claims : 69

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD OF COATING UTENSILS AND NON STICK UTENSILS, THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	A47J27/00, A47J36/02 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NAYAK KAVLIBEN JENTIBHAI Address of Applicant :C/O NAYAK JENTIBHAI KHIMJIBHAI VILLAGE:KANALVA, TALUKA: KAVAT, DIST VADODARA, GUJARAT, INDIA 2)DHANAK NAKLIBEN DESINGBHAI 3)BHIL METHLIBEN RAGHUBHAI
 Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA : NA :NA :NA :NA :NA	 (72)Name of Inventor : 1)NAYAK KAVLIBEN JENTIBHAI 2)DHANAK NAKLIBEN DESINGBHAI 3)BHIL METHLIBEN RAGHUBHAI

(57) Abstract :

A method of coating utensils comprising the steps of: first step of liquefying lac by heating in order to obtain liquefied lac; second step of uniformly coating a utensil with said liquefied lac and allowing it to cool, for a pre-determined amount of time, in order to obtain coated and cooled utensil; third step of washing said coated and cooled utensil for a first time; and fourth step of washing said coated and cooled utensil for a second time.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:A61K38/08	(71)Name of Applicant :
(31) Priority Document No	:61/451019	1)SIGNATURE THERAPEUTICS, INC.
(32) Priority Date	:09/03/2011	Address of Applicant :1731 EMBARCADERO ROAD, STE.
(33) Name of priority country	:U.S.A.	220, PALO ALTO, CALIFORNIA 94303, UNITED STATES OF
(86) International Application No	:PCT/US2012/028367	AMERICA
Filing Date	:08/03/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2012/122422	1)JENKINS Thomas E.
(61) Patent of Addition to Application	:NA	2)HUSFELD Craig O.
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		·

(54) Title of the invention : ACTIVE AGENT PRODRUGS WITH HETEROCYCLIC LINKERS

(57) Abstract :

The embodiments provide prodrug compounds of Formulae I XVII. The present disclosure also provides compositions and their methods of use where the compositions comprise a prodrug compound of Formulae I XVII that provides controlled release of an active agent. Such compositions can optionally provide a trypsin inhibitor that interacts with the enzyme that mediates the controlled release of an active agent from the prodrug so as to attenuate enzymatic cleavage of the prodrug.

No. of Pages : 288 No. of Claims : 161

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DISPIROPYRROLIDINE DERIVATIVE

 (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 	:NA :NA	 (71)Name of Applicant : 1)DAIICHI SANKYO COMPANY LIMITED Address of Applicant :3 5 1Nihonbashi HonchoChuo ku Tokyo 1038426 Japan (72)Name of Inventor : 1)SUGIMOTO Yuuichi 2)UOTO Kouichi 3)MIYAZAKI Masaki 4)SETOGUCHI Masaki 5)TANIGUCHI Toru 6)YOSHIDA Keisuke 7)YAMAGUCHI Akitake 8)YOSHIDA Shoko 9)WAKABAYASHI Takanori
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(57) Abstract :

Provided is a novel compound that inhibits interaction between Mdm2 (murine double minute 2) protein and p53 protein and shows anti tumor activity. The invention provides a dispiropyrrolidine derivative represented by formula (1) that inhibits interaction between Mdm2 protein and p53 protein shows anti tumor activity and has a variety of substitution groups. (R R R and rings A and B in formula (1) are the same as defined in the description.)

No. of Pages : 532 No. of Claims : 26

(21) Application No.2305/MUMNP/2013 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMBINATION PEPTIDE NANOPARTICLES AND DELIVERY SYSTEMS INCORPORATING SAME

 (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 	:PCT/US2011/039979 :10/06/2011	Address of Applicant :30 Technology Drive Warren NJ 07059 U.S.A.
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(57) Abstract :

The present invention is directed at compositions and products and methods of making and administering such compositions and products including for the treatment of mammals and particularly humans. Nanoparticles having a core and a corona of ligands covalentJy linked to the core wherein differing species of peptides are bound to the nanoparticles and incorporated into various dosage forms.

No. of Pages : 136 No. of Claims : 166

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A CONTACT SYSTEM FOR SWITCHING DEVICES

 (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 	:H01H1/38, H01H1/44 :NA :NA :NA :NA :NA :NA :NA :NA :NA :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)SABAPATHY, MANIKANDAN 2)RAVISHANKAR, S.
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(57) Abstract :

The present invention relates to a Moving Bridge in Contact system for Switching devices. The contact system comprising a housing; a bridge assembly; a mechanism component operatively connected with the bridge assembly and fixed contacts. The bridge assembly comprises atleast one spring holder having a substantially elongated bottom end and a substantially flattened profile top end profile of spring holder on the top; atleast one contact spring inserted within the elongated bottom end of spring holder; atleast one bridge comprises a hollow cavity adapted for the elongated bottom end of spring holder to be inserted within the cavity of the bridge and making the other end of the spring holder accessible.

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

(19) INDIA

(22) Date of filing of Application :01/03/2013

(54) Title of the invention : AN ARRANGEMENT FOR CONTACT WEAR INDICATION FOR A CIRCUIT BREAKER

(51) International classification:H01H1/0 H01H33/6(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 (61) Patent of Addition to Application Number:NA	 (71)Name of Applicant : (71)Name of Applicant : (71)Name of Applicant :L & T HOUSE, BALLARD ESTATE, Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA (72)Name of Inventor : 1)VELAYUDHAN, PRAVEEN KUMAR, DEEPAK 2)LOGANATHAN, ARVINDKUMAR
Filing Date:NA(62) Divisional to Application Number:NAFiling Date:NA	

(57) Abstract :

The present invention relates to an arrangement for contact wear indicationin a circuit breaker. The arrangement comprises upper casing(1); lower casing (2) and a contact assembly , atleast one retaining spring (9); atleast one moving arm(8) loaded on the retaining spring (9)and operatively connected with the contact assembly and the moving arm (8) mounted on the profile in the bottom casing; a rotating arm (7) operatively connected with the moving arm, such that the moving arm rotates the rotating arm and a wear indicator (6) operatively connected with the rotating arm and the rotating arm rotates the contact wear indicator adapted to determine the wear of the fixed and moving contacts. The contact assembly comprises a moving contact comprises atleast one moving contact button (23) and a fixed contact comprises atleast one fixed contact button (23).

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

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : 1-SUBSTITUTED, 4-(SUBSTITUTED PHENOXYMETHYL)-1,2,3-TRIAZOLE COMPOUNDS WITH ANTIFUNGAL PROPERTIES AND METHODS FOR PREPARATION THEREOF

		(71)Name of Applicant :
	:C07D401/12,	1)FDC LIMITED
(51) International classification	C07D233/54,	Address of Applicant :142-48, S.V. ROAD, JOGESHWARI
	C07D249/10	(WEST), MUMBAI - 400 102, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	2)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BORATE, HANUMANT BAPURAO
Filing Date	:NA	2)KUDALE, ANANDA SHAHAJI
(87) International Publication No	: NA	3)CHAVAN, SUBHASH PRATAPRAO
(61) Patent of Addition to Application Number	:NA	4)KUNTE, SUNITA SHARAD
Filing Date	:NA	5)CHANDAVARKAR, MOHAN ANAND
(62) Divisional to Application Number	:NA	6)IYER, RAMKRISHNAN RAMACHANDRAN
Filing Date	:NA	7)TAWTE, AMIT CHANDRAKANT
		8)RAO, DEEPALI DAMODAR

(57) Abstract :

Disclosed herein are novel antifungal compounds of Formula 1, containing 1-substituted, 4-(substituted phenoxymethyl)-1,2.3-triazole moieties coupled to a core having triazole ring, (un)substituted phenyl ring and tertiary alcoholic functionality, and pharmaceutically acceptable salts thereof; methods for preparing these compounds; and pharmaceutical preparations containing these novel compounds for prevention and treatment of fungal infections.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (21) Application No.537/MUM/2013 A (19) INDIA (22) Date of filing of Application :25/02/2013 (43) Publication Date : 02/01/2015 (54) Title of the invention : CLAMPING MECHANISM OF TWO-PLATE INJECTION MOLDING MACHINE AND TWO-PLATE INJECTION MOLDING MACHINE (51) International classification (51) International classification :B29C45/17, B29C45/66 (71)Name of Applicant : 1)CHEN HSONG ASSET MANAGEMENT LIMITED

(31) International classification	B29C45/66	1)CHEN HSONG ASSET MANAGEMENT LIMITED
(31) Priority Document No	:201210210268.9	Address of Applicant :NO. 13-15 DAI WANG STREET, TAI
(32) Priority Date	:19/06/2012	PO INDUSTRIAL ESTATE, NEW TERRITORIES, HONG
(33) Name of priority country	:China	KONG Hongkong(China)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHIANG CHI KIN
(87) International Publication No	: NA	2)LIU LI XIONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract :

This invention relates to a clamping device for a two-platen injection molding machine, comprising a movable mold platen (9). a stationary mold platen, and a tie bar (1) connected there between, with the movable mold platen (9) being movable along the tie bar (1). The clamping device further comprises a connecting structure that is used to detachably connect an elongating tie bar (2) to an end of the tie bar (1). According to the invention, the tie bar can be elongated as desired and re-machining the whole tie bar is dispensed with, therefore the tie bar can be elongated conveniently, the productivity is increased and the product cost is lowered.

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

(19) INDIA(22) Date of filing of Application :14/11/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TELEOPERATED ROBOTIC SYSTEM (51) International classification :B25J3/04,B25J5/00,B25J13/02 (71)Name of Applicant : (31) Priority Document No **1)RAYTHEON COMPANY** :61/481110 (32) Priority Date :29/04/2011 Address of Applicant :870 Winter Street Waltham (33) Name of priority country Massachusetts 02451 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/035620 (72)Name of Inventor : Filing Date 1)JACOBSEN Stephen C. :27/04/2012 (87) International Publication No :WO 2012/149446 2)SMITH Fraser M. (61) Patent of Addition to 3)MCCULLOUGH John :NA Application Number 4)COLVIN JR. Glenn E. :NA Filing Date 5)SCROGGIN Wayco (62) Divisional to Application 6)OLIVIER Marc X. :NA Number :NA Filing Date

(57) Abstract :

A teleoperated robotic system that includes master control arms slave arms and a mobile platform. In use a user manipulates the master control arms to control movement of the slave arms. The teleoperated robotic system can include two master control arms and two slave arms. The master control arms and the slave arms can be mounted on the platform. The platform can provide support for the master control arms and for a teleoperator or user of the robotic system. Thus a mobile platform can allow the robotic system to be moved from place to locate the slave arms in a position for use. Additionally the user can be positioned on the platform such that the user can see and hear directly the slave arms and the workspace in which the slave arms operate.

No. of Pages : 186 No. of Claims : 95

(19) INDIA

(22) Date of filing of Application :25/01/2013

(54) Title of the invention : SENSOR MODELING TECHNIQUES EVALUATION METHOD AND SYSTEM

 (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 	:H04L29/06, H04L12/24 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Tata Consultancy Services Limited Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India (72)Name of Inventor : 1)DASGUPTA, Ranjan 2)CHATTOPADHYAY, Dhiman 3)PAL Arpan
(62) Divisional to Application Number Filing Date	:NA :NA :NA	
Thing Dute	.1 17 1	

(57) Abstract :

Disclosed is a method and system for evaluating a sensor modeling software capable of modeling one or more sensors employed in a cyber-physical environment. An empirical expression module is enabled to configure a first empirical expression, a second empirical expression, and a third empirical expression. An assigning module is configured to assign weights for the significance of the features present in the first empirical expression, the second empirical expression, and the third empirical expression. The weights may be assigned based upon weighing parameters predefined by the user or system and the weighting parameters may vary based on the domain-specific implementation of the sensor modeling software. A computing module is configured to compute a coverage score, an availability score, and a programming design score. An evaluation module is configured to evaluate the sensor modeling software based upon the coverage score, the availability score, and the programming design score.

No. of Pages : 36 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SUGARCANE SHREDDER

(51) International classification	:C13B5/04, C13B5/00, C13B10/06	 (71)Name of Applicant : 1)MATHEW ZAKARIAHS Address of Applicant :A-302, EVENING STAR, RAHEJA
(31) Priority Document No	:NA	VIHAR COMPLEX, CHANDIVALI, MUMBAI-400 072,
(32) Priority Date	:NA	INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MATHEW ZAKARIAHS
Filing Date	:NA	
(87) 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 sugarcane shredder (100) comprises a housing (9) defining an inner region. A cylindrical shaft (15) is disposed within the housing such that a longitudinal axis of the cylindrical shaft coincides with a longitudinal axis of the housing, where the cylindrical shaft is configured to rotate about the longitudinal axis on actuation by a motion source. A first set of knives (11) is disposed along the curved surface area of the cylindrical shaft such that the first set of knives are disposed over the length of the cylindrical shaft. A second set of knives (21) is disposed on the housing such that the second set of knives project inwardly towards the cylindrical shaft and maintain a predetermined distance from the axis of the cylindrical shaft. The first set of knives operate in conjunction with the second set of knives to receive and shred billets of sugarcane.

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

(21) Application No.10003/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING DIGITAL BROADCASTING SERVICE WITH 3-DIMENSIONAL SUBTITLE

:PC1/KR2011/004442 :17/06/2011 :WO/2011/159128 :NA :NA	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung-ro Yeongtong-gu Suwon-si Gyeonggi-do 443-742 Republic of Korea. Republic of Korea (72)Name of Inventor : 1)LEE Dae-Jong 2)JANG Yong-Seok 3)CHO Bong-Je 4)KIM Jae-Seung
:NA :NA	
	:61/356,103 :18/06/2010 :U.S.A. :PCT/KR2011/004442 :17/06/2011 :WO/2011/159128 :NA :NA :NA

(57) Abstract :

A method and an apparatus for transmitting and receiving a broadcasting stream for providing a digital broadcasting service including a subtitle service are provided. A method of transmitting a data stream includes: generating a subtitle stream including basic viewpoint subtitle data and additional viewpoint subtitle data to reproduce a three-dimensional (3D) subtitle on a video screen on which video data is reproduced; determining 3D subtitle reproduction information for forming the 3D subtitle on the video screen based on the basic viewpoint subtitle data; and outputting a data stream by multiplexing a video stream including the video data the 3D subtitle reproduction information and the subtitle stream.

No. of Pages : 39 No. of Claims : 15

(21) Application No.1023/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013

(54) Title of the invention : BLOWOUT PREVENTER AND LAUNCHER SYSTEM

(43) Publication Date : 02/01/2015

(51) International classification :E21B33/06,E21B33/076 (71)Name of Applicant : (31) Priority Document No 1)WELLTEC A/S :10169262.2 (32) Priority Date :12/07/2010 Address of Applicant :Gydevang 25 DK 3450 Aller d (33) Name of priority country :EPO Denmark (86) International Application No :PCT/EP2011/061713 (72)Name of Inventor : Filing Date 1)HALLUNDB†K J rgen :11/07/2011 (87) International Publication No :WO 2012/007407 2)MANGAL Lars (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a blowout preventer for being mounted on a well head comprising a plurality of valves arranged in fluid communication with each other connected and forming a tubular pipe. Furthermore the invention relates to a launcher system a well intervention module a well intervention system and a well system.

No. of Pages : 56 No. of Claims : 29

(21) Application No.10553/CHENP/2012 A

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 02/01/2015

(51) International classification	:H01H33/16	(71)Name of Applicant :
(31) Priority Document No		1)ABB TECHNOLOGY AG
(32) Priority Date	:27/08/2010	Address of Applicant : Affolternstrasse 44, CH-8050 Z ¹ / ₄ rich
(33) Name of priority country	:Argentina	Switzerland
(86) International Application No	:PCT/EP2011/002523	(72)Name of Inventor :
Filing Date	:16/05/2011	1)SMUGALA, Darlusz
(87) International Publication No	:WO2011/147552	2)PIASECKI, Wojciech
(61) Patent of Addition to Application	:NA	3)BYWALEC, Grzegorz
Number		4)OSTROGORSKA, Magdalena
Filing Date	:NA	5)GRANHAUG, Ole
(62) Divisional to Application Number	:NA	6)SKRYTEN, Pal
Filing Date	:NA	

(54) Title of the invention : A VERY FAST TRANSIENT SUPPRESSING DEVICE

(57) Abstract :

The subject of the invention is a device for suppressing very fast transients (1, 1a, 1b), applicable in protecting electric and/or electric power equipment, and especially transformers operating in electric power substations and in wind power plants, connected in the supply network circuit downstream of the circuit breaker and upstream of the protected equipment. The device according to the invention is a component of an induction character (1, 1a, 1b), comprising a high-frequency magnetic core (2) arranged around the current-conducting lead (3).

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

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMBINING WRITE BUFFER WITH DYNAMICALLY ADJUSTABLE FLUSH METRICS

 (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 	:G06F13/00 :12/860505 :20/08/2010 :U.S.A. :PCT/US2011/047389 :11/08/2011 :WO 2012/024158 :NA :NA :NA :NA	 (71)Name of Applicant : 1)APPLE INC. Address of Applicant :1 Infinite Loop Cupertino California 95014 U.S.A. (72)Name of Inventor : 1)BANNON Peter J. 2)BEAUMONT SMITH Andrew J. 3)GUNNA Ramesh 4)LIEN Wei han 5)PATWARDHAN Jaidev P. 6)LILLY Brian P. 7)WEN Shih Chieh R. 8)YEH Tse Yu
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(57) Abstract :

In an embodiment a combining write buffer is configured to maintain one or more flush metrics to determine when to transmit write operations from buffer entries. The combining write buffer may be configured to dynamically modify the flush metrics in response to activity in the write buffer modifying the conditions under which write operations are transmitted from the write buffer to the next lower level of memory. For example in one implementation the flush metrics may include categorizing write buffer entries as collapsed. A collapsed write buffer entry and the collapsed write operations therein may include at least one write operation that has overwritten data that was written by a previous write operation in the buffer entry. In another implementation the combining write buffer fullness as a flush metric and may adjust it over time based on the actual buffer fullness.

No. of Pages : 27 No. of Claims : 21

(19) INDIA(22) Date of filing of Application :21/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CHEWING GUM COMPOSITIONS PROVIDING FLAVOR RELEASE PROFILES

 (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 	:A23L1/22,A23G4/06 :61/381171 :09/09/2010 :U.S.A. :PCT/US2011/050991 :09/09/2011 :WO 2012/034012 :NA :NA :NA :NA	Address of Applicant : Three Lakes Drive Northfield Illinois 60093 U.S.A. (72)Name of Inventor : 1) I ENZI Sondra
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(57) Abstract :

A chewing gum composition including at least three flavor compositions providing a unique and long lasting flavor sensations to the consumer.

No. of Pages : 54 No. of Claims : 38

(21) Application No.10332/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : NANOPORE DEVICE WITH GRAPHENE SUPPORTED ARTIFICIAL LIPID MEMBRANE (51) International classification :G01N33/487 (71)Name of Applicant : 1)PRESIDENT AND FELLOWS OF HARVARD (31) Priority Document No :61/352791 (32) Priority Date :08/06/2010 COLLEGE (33) Name of priority country Address of Applicant :17 Quincy Street Cambridge MA 02138 :U.S.A. (86) International Application No :PCT/US2011/039621 U.S.A. Filing Date (72)Name of Inventor : :08/06/2011 (87) International Publication No :WO 2012/005857 1)GARAJ Slaven (61) Patent of Addition to Application **2)BRANTON Daniel** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention features the use of graphene a one atom thick planar sheet of bonded carbon atoms in the formation of artificial lipid membranes. The invention also features the use of these membranes to detect the properties of polymers (e.g. the sequence of a nucleic acid) and identify transmembrane protein interacting compounds.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DRIVEN ACCESSORY WITH LOW POWER CLUTCH FOR ACTIVATING OR DE ACTIVATING SAME

(51) International classification	:F16D27/14,B60K25/00,F02B67/06	(71)Name of Applicant : 1)LITENS AUTOMOTIVE PARTNERSHIP
(31) Priority Document No	:12/781374	Address of Applicant :730 Rowntree Dairy Road Woodbridge
(32) Priority Date	:17/05/2010	Ontario L4L 5T9 Canada
(33) Name of priority country	':U.S.A.	(72)Name of Inventor :
(86) International Application	¹ :PCT/CA2011/000351	1)PARSONS Scott
No	:31/03/2011	2)BOYES Andrew
Filing Date	.51/05/2011	3)VANDER PLOEG Christiaan
(87) International Publication No	:WO 2011/143737	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

A driven accessory having a clutch that permits selective operation of an accessory portion. The clutch employs rotational inertia to control driving engagement of a wrap spring to an interior clutch surface on a drive member and/or driving disengagement of the wrap spring from the interior clutch surface.

No. of Pages : 101 No. of Claims : 20

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ANIMAL MODELS AND THERAPEUTIC MOLECULES

classification:A01K67/027,C07K16/00,C07K16/46(31) Priority Document No:61/355,666(32) Priority Date:17/06/2010(33) Name of priority:U.S.A.country:U.S.A.(86) International:PCT/GB2011/050019Application No:07/01/2011	 (71)Name of Applicant : 1)KYMAB LIMITED Address of Applicant :Meditrina (B260) Babraham Research Campus Cambridge Cambridgeshire CB22 3AT United Kingdom U.K. (72)Name of Inventor : 1)BRADLEY Allan 2)LEE E-Chiang 3)LIANG Qi 4)WANG Wei
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(57) Abstract :

The invention discloses methods for the generation of chimaeric human - non-human antibodies and chimaeric antibody chains antibodies and antibodies and antibodies and derivatives thereof including fully humanised antibodies; compositions comprising said antibodies antibody chains and derivatives as well as cells non-human mammals and vectors suitable for use in said methods.

No. of Pages : 121 No. of Claims : 103

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR DETERMINING A POSITION BY MEANS OF OPTICALLY SCANNING A MEASURING SCALE AND GUIDE SYSTEM COMPRISING BODIES, WHICH CAN BE MOVED RELATIVE TO ONE ANOTHER, AND COMPRISING A DEVICE FOR DETERMINING A POSITION

 (51) International classification (31) Priority Document No (32) Priority Date (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication Number (87	-,
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(57) Abstract :

Summary The device (5) for determining a position comprises a measuring scale (10) comprising at least one marker (11, 12) for marking a position and a measuring head (21), which can be moved relative to the measuring scale (10), for optically scanning the measuring scale (10). The measuring head (21) comprises a telecentric optical system (30) for creating an image of the measuring scale (10) and a sensor (40) for capturing the image of the measuring scale (10) and for providing signals, with said signals making it possible to determine the position of the measuring head (21) relative to the measuring scale (10). The telecentric optical system (30) comprises a first lens element (33), which is arranged at a distance to the measuring scale (10) and which encompasses an optical axis (34), and an aperture (35), which is arranged at a focus (FI) of the first lens element (33) on a side of the lens element (33), which faces away from the measuring scale (10). The telecentric optical system (30) comprises a block (31), wherein the first lens element (33) is an integral component of the block (31) and a first area (32.1) of a surface (32) of the block (31) forms a surface of the first lens element (33) and the aperture is realized in the form of a first mirror surface (35), which is embodied at a second area (32.2) of the surface (32) of the block (31) and which is inclined (cp

No. of Pages : 68 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :05/04/2011

(43) Publication Date : 02/01/2015

 (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 	:F21V19/04 :2008904670 :09/09/2008 :Australia :PCT/AU09/001121 :31/08/2009 :WO 2010/028423 A1 :NA :NA :NA :NA	 (71)Name of Applicant : 1)300K ENTERPRISES PTY LTD Address of Applicant :22 PARK STREET, WYNYARD, TASMANIA 7325 Australia (72)Name of Inventor : 1)TREWIN, CHRISTOPHER, SCOTT
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(54) Title of the invention : COUPLING AND METHOD FOR USE WITH A LAMP FITTING

(57) Abstract :

The present invention provides a coupling and methods of use of the coupling. In one aspect the invention provides a coupling for use with a lamp fitting operated by a power supply, which coupling allows mounting/dismounting of the fitting without electrical isolation from the supply said coupling comprising: a) a mounting member having a first electrical connector element with shielded contact points connectable to the power supply, said member being suitable for fixing to a structure; and engageable with said mounting member; b) a holder member suitable for holding a lamp fitting said member having a second electrical connector element able conduct power to a lamp fitting; c) wherein engagement of the first and second members allows the first and second electrical connector elements to come into contact and disengagement allows electrical contact to be broken without exposure of the contact points

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

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 02/01/2015

(51) International classification	:B21D51/26	(71)Name of Applicant :
(31) Priority Document No	:61/375746	1)ALCOA INC.
(32) Priority Date	:20/08/2010	Address of Applicant : Alcoa Corporate Center 201 Isabella
(33) Name of priority country	:U.S.A.	Street Pittsburgh Pennsylvania 15212 5858 U.S.A.
(86) International Application No	:PCT/US2011/048603	(72)Name of Inventor :
Filing Date	:22/08/2011	1)DICK Robert E.
(87) International Publication No	:WO 2012/024671	2)FEDUSA Anthony J.
(61) Patent of Addition to Application	:NA	3)MYERS Gary L.
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alexture et a		•

(54) Title of the invention : SHAPED METAL CONTAINER AND METHOD FOR MAKING SAME

(57) Abstract :

A shaped metal container comprising less metal than prior art shaped metal containers while still able to handle sufficient axial load and undergo shaping processes including necking without wrinkling buckling collapsing or other physical defect is disclosed. Processes for shaping a metal container having a sidewall of variable thickness wherein a portion of the sidewall having a variable thickness is shaped using a die or dies are also disclosed.

No. of Pages : 52 No. of Claims : 19

(22) Date of filing of Application :25/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT TO FACILITATE USE OF LTE CHANNELIZATION STRUCTURES AND WAVEFORMS FOR PEER TO PEER COMMUNICATIONS

(51) International classification:H04W72/04,H04W16/14,H04W84/2(31) Priority Document No:61/382212(32) Priority Date:13/09/2010(33) Name of priority country:U.S.A.(86) International Filing Date:PCT/US2011/051455(87) International Publication No (61) Patent of Addition to Filing Date:WO 2012/037160(87) International Filing Date:NA(87) International Publication No (61) Patent of Addition to Filing Date:NA(86) Divisional to Filing Date:NA(52) Divisional to Filing Date:NA(53) Divisional to 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)WANG Renqiu 2)PALANKI Ravi 3)BHUSHAN Naga 4)MALLADI Durga Prasad
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(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which a UE is equipped to receive first peer to peer communications using a first network communication channelization and a waveform and transmit second peer to peer communications using a second network communication channelization and the waveform. Further the UE may be equipped to map one or more channels in the second peer to peer communications to one or more uplink channels and/or downlink channels in the second network communication. The second network communication channelization and the waveform may include an LTE uplink/downlink channelization. The waveform may include OFDM or SC FDM.

No. of Pages : 54 No. of Claims : 80

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING A METRIC FOR USE IN ONE OR MORE OF LOCK DETECTION SNR ESTIMATION AND MODULATION CLASSIFICATION

 (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 	:H04L25/02,H04L27/22,H04W24/00 :61/409544 :03/11/2010 :U.S.A. :PCT/CA2011/001220 :01/11/2011 :WO 2012/058759 :NA :NA	 (71)Name of Applicant : 1)LINN Yair Address of Applicant :#302 736 West 14th Avenue Vancouver British Columbia V5Z 1P9 Canada (72)Name of Inventor : 1)LINN Yair
Application Number Filing Date	:NA	

(57) Abstract :

The present disclosure is directed at a method and apparatus for generating a metric for use in any one or more of lock detection SNR estimation and modulation classification. To generate the metric an input angle in the form of a symbol phase or a difference in symbol phases is used to evaluate a base function. The base function relates possible metrics to possible input angles using a triangle wave having its maxima or minima at ideal input angles and the other of its maxima or minima at angles midway the ideal input angles. Described are embodiments that are one or more of non data aided; that may be implemented relatively efficiently in hardware; that can function using one sample/symbol; that can achieve relatively good detection certainty using relatively few estimates; and that can be used to implement modulation classifiers lock detectors and SNR estimators that are resilient to imperfections in automatic gain control.

No. of Pages : 138 No. of Claims : 103

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MELT EXTRUDED SOLID DISPERSIONS CONTAINING AN APOPTOSIS INDUCING AGENT

 (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 	:PCT/US2011/054959 :05/10/2011 :WO 2012/121758 :NA :NA	 (71)Name of Applicant : ABBVIE INC. Address of Applicant :1 North Waukegan Road North Chicago 60064 U.S.A. 2)ABBOTT GMBH & CO.KG (72)Name of Inventor : Resch Esther HOELIG Peter LINDLEY David J. SANZGIRI Yeshwant D. TONG Ping
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A pro apoptotic solid dispersion comprises in essentially non crystalline form a Bcl 2 family protein inhibitory compound of Formula I as defined herein dispersed in a solid matrix that comprises (a) a pharmaceutically acceptable water soluble polymeric carrier and (b) a pharmaceutically acceptable surfactant. A process for preparing such a solid dispersion comprises subjecting to elevated temperature the compound of Formula I the water soluble polymeric carrier and the surfactant to provide an extrudable semi solid mixture; extruding the semi solid mixture; and cooling the resulting extrudate to to provide a solid matrix comprising the polymeric carrier and the surfactant and having the compound dispersed in essentially non crystalline form therein. The solid dispersion is suitable for oral administration to a subject in need thereof for treatment of a disease characterized by overexpression of one or more anti apoptotic Bcl 2 family proteins for example cancer or an immune or autoimmune disease.

No. of Pages : 422 No. of Claims : 56

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR RELIABLE TRANSMISSION OF CHARGING DETAIL RECORDS

(-))	:H04M15/00,H04W4/24,H04L12/14 :12/834170 :12/07/2010	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(33) Name of priority country(86) International ApplicationNoFiling Date	r:U.S.A. PCT/US2011/043489 :11/07/2011	(72)Name of Inventor :1)KOTALWAR Jayant2)HEMIGE Venu
(87) International Publication No	:WO 2012/009243	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A charging detail record transmission capability is provided herein. A mobile gateway (MG) generates charging detail records (CDRs) intended for delivery to a charging gateway function (CGF). The CDRs are propagated toward both a first and second charging data function (CDFs). The first and second CDFs buffer the CDRs. The first CDF is configured for propagating CDRs toward the CGF. The second CDF is configured for propagating CDRs toward the CGF when the first CDF fails. The CGF is configured for acknowledging receipt of CDRs to the first or second CDF from which the CDRs are received. The first CDF is configured for acknowledging to the second CDF receipt of acknowledgment messages from the first CDF. The second CDF is configured for upon failure of the first CDF initiating a process for determining which of the CDRs buffered at the second CDF need to be propagated to the CGF in order to ensure that none of the CDRs generated by the MG are lost due to the failure of the first CDF.

No. of Pages : 34 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:C07D207/10	(71)Name of Applicant :
(31) Priority Document No	:08166184.5	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:09/10/2008	Address of Applicant :124 GRENZACHERSTRASSE, CH-
(33) Name of priority country	:EPO	4070 BASEL Switzerland
(86) International Application No	:PCT/EP09/062585	(72)Name of Inventor :
Filing Date	:29/09/2009	1)BISSANTZ, CATERINA
(97) International Dublication No.	:WO 2010/040663	2)JABLONSKI, PHILIPPE
(87) International Publication No	A1	3)KNUST, HENNER
(61) Patent of Addition to Application Number: NA		4)NETTEKOVEN, MATTHIAS
Filing Date	:NA	5)PATINY-ADAM, ANGELIQUE
(62) Divisional to Application Number	:NA	6)RATNI, HASANE
Filing Date	:NA	7)RIEMER, CLAUS

(54) Title of the invention : PYRROLIDINE N-BENZYL DERIVATIVES

(57) Abstract :

The present invention relates to a compound of formula I N -Ar' $^{\circ}$, wherein Ar1 is aryl or heteroaryl; Ar2 is aryl or heteroaryl; R1 is hydrogen, halogen, hydroxy, lower alkyl, lower alkoxy, lower alkyl substituted by halogen, lower alkoxy substituted by halogen, S-lower alkyl, -S(0)2-lower alkyl, -S(0)2-di-lower alkyl amino, cyano, amino, mono or di-lower alkyl amino, C(0)-lower alkyl, NHC(0)-lower alkyl, cycloalkyl, heterocyclyl, or is heteroaryl, optionally substituted by lower alkyl; R2 is hydrogen, halogen, lower alkyl, lower alkyl, substituted by halogen or cyano; R3. is hydrogen, halogen, lower alkyl or lower alkyl substituted by halogen; n is 1, 2 or 3; in case n is 2 or 3, R1 may be the same or different; or to a pharmaceutically active salt, to all stereoisomeric forms, including individual diastereoisomers and enantiomers as well as to racemic and non-racemic mixtures thereof. It has been found that the present compounds are high potential NK-3 receptor antagonists for the treatment of depression, pain, psychosis, Parkinson's disease, schizophrenia, anxiety and attention deficit hyperactivity disorder (ADHD).

No. of Pages : 65 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SAFETY DEVICE FOR A PRE FILLED SYRINGE AND INJECTION DEVICE

(51) International classification	:A61M5/20,A61M5/32	(71)Name of Applicant :
(31) Priority Document No	:10168322.5	1)SANOFI AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:02/07/2010	Address of Applicant :Br¼ningstrae 50 65929 Frankfurt am
(33) Name of priority country	:EPO	Main Germany
(86) International Application No	:PCT/EP2011/060322	(72)Name of Inventor :
Filing Date	:21/06/2011	1)ROBERTS Gareth
(87) International Publication No	:WO 2012/000838	2)OWEN Sioned
(61) Patent of Addition to Application	:NA	3)EKMAN Matthew
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		·

(57) Abstract :

A safety device(1) for a pre filled syringe(2) comprises a hollow support body (1.2) to retain the pre filled syringe (2) a retaining collar (1.5) and a rotating collar (1.4) arranged within the support body (1.2). The retaining collar (1.5) is releasably mounted to the support body (1.2). The rotating collar(1.4) is slidable along an axial length of the support body(1.2) and rotatable around a central axis (A) of the safety device (1). The retaining collar (1.5) is movable with respect to the support body (1.2) in a proximal direction when the retaining collar (1.5) is released from being mounted to the support body (1.2) by the rotating collar (1.4).

No. of Pages : 35 No. of Claims : 14

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

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

(43) Publication Date : 02/01/2015

(51) International classification	:B41M1/04	(71)Name of Applicant :
(31) Priority Document No	:12/273,115	1)WACKER CHEMICAL CORPORATION
(32) Priority Date	:18/11/2008	Address of Applicant :3301 SUTTON ROAD, ADRIAN, MI
(33) Name of priority country	:U.S.A.	49221 U.S.A.
(86) International Application No	:PCT/US2009/063980	(72)Name of Inventor :
Filing Date	:11/11/2009	1)GRUBER, BRUCE
(87) International Publication No	:WO 2010/059472 A1	2)FLEXER, MONACA
(61) Patent of Addition to Application	:NA	3)MONAHAN, MARK
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		

(54) Title of the invention : FLEXOGRAPHIC APPLICATION OF ADHESIVE DISPERSIONS

(57) Abstract :

A method of forming on a substrate an adhesive region tat includes an adhesive compounds employs steps of: a) applying a dispersion of the adhesive composition in a solvent to an anilox roller on a flexographic press, said adhesive composition comprising an adhesive polymer; b) contacting the anilox roller with a flexgrophic plate to transfer a portion of the dispersion thereto, said flexographic plate comprising an adhesive application region having a shape substantially matching that of the adhesive region on the substrate; c) contacting the flexographic plate with the substrate to transfer the dispersion to the substrate; and d) drying the dispersion on the substrate to form the adhesive region.

No. of Pages : 13 No. of Claims : 20

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONSTRUCTING VERY HIGH THROUGHPUT SIGNAL (VHT SIG) FIELDS FOR REDUCED PEAK TO AVERAGE POWER RATIO (PAPR)

 (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 	:H04L27/26 :61/372790 :11/08/2010 :U.S.A. :PCT/US2011/047256 :10/08/2011 :WO 2012/021624 :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor : 1)YANG Lin 2)JONES IV Vincent Knowles 3)VAN ZELST Albert 4)SAMPATH Hemanth 5)VAN NEE Johannes Richard Didier
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(57) Abstract :

Certain aspects of the present disclosure relate to techniques for scrambling VHT SIG field of a transmission preamble in a manner that may reduce peak to average power ratio (PAPR).

No. of Pages : 74 No. of Claims : 46

(21) Application No.1461/CHENP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONNECTING STRUCTURE AND CONNECTING METHOD OF FIBER CONDUCTOR WIRE

 (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 	:H02G15/02,H01B7/00,H01R4/18 :2010210434 :21/09/2010 :Japan :PCT/JP2011/071759 :15/09/2011 :WO 2012/039487 :NA :NA :NA	 (71)Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan (72)Name of Inventor : 1)YAMAMOTO Toshihiko 2)TERASAKA Yutaka 3)KUMAKURA Hideto
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(57) Abstract :

Allowing a fiber conductor wire to be connected to a terminal easily and surely at low cost. [Means for solving problem] There is provided a connecting structure of a fiber conductor wire 7 including: a fiber conductor 1 having a knot 2; and a terminal 4 having a hole 3 for inserting the fiber conductor 1 said hole 3 having a receiving portion 5 for receiving the knot 2 wherein the fiber conductor wire 7 and the terminal 4 are electrically connected to each other by inserting the fiber conductor 1 into the hole 3 and by locking the knot 2 in the receiving portion 5. There is also provided a connecting method of a fiber conductor wire 7 comprising the steps of forming a not 2 by tying loosely a fiber conductor 1; inserting the fiber conductor 1 into a hole 3 of a terminal 4; and pulling the fiber conductor 1 to engage the knot 2 with a receiving portion 5 of the hole 3 and to electrically connect the knot 2 to the receiving portion 5. It is also effective to press the knot 2 received in the receiving portion 5 via the terminal 4 so as to closely contact the knot 2 with the receiving portion 5.

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

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MOBILE COMMUNICATIONS NETWORK INFRASTRUCTURE EQUIPMENT MOBILE COMMUNICATIONS DEVICE AND METHOD

(51) International classification	:H04W76/02,H04W28/12	(71)Name of Applicant :
(31) Priority Document No	:1018846.4	1)SCA IPLA HOLDINGS INC.
(32) Priority Date	:08/11/2010	Address of Applicant :550 Madison Avenue New York 10022
(33) Name of priority country	:U.K.	U.S.A.
(86) International Application No	:PCT/GB2011/052104	(72)Name of Inventor :
Filing Date	:28/10/2011	1)ZAKRZEWSKI Robert
(87) International Publication No	:WO 2012/063042	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mobile communications network for communicating data to and/or from mobile communications devices the mobile communications network comprising a core network part including a plurality of infrastructure equipment and a radio network part including a plurality of base stations which are provided with a wireless access interface for communicating data to and/or from the mobile communications devices. The mobile communications device is arranged in operation to communicate an indication of a relative type of data packets for communication via a communications bearer for supporting a communications bearer. The mobile communications device the indication of the type of the data packets being used to configure the communications device to one or more of the infrastructure equipment via one or more of the base stations in accordance with the indication of the type of data packets being communications bearer. By providing an indication of the relative type of the data packets such as an indication that the data packets are of low priority or are generated or being received by a machine type communication application the mobile communications bearer differently to data packets communications bearer having a higher priority. In one example the mobile communications network is experiencing congestion.

No. of Pages : 45 No. of Claims : 27

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A MIXTURE OF CHELATING AGENTS

 (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 (52) Abstract : 	:20105622 :02/06/2010 :Finland :PCT/FI2011/050504 :31/05/2011 :WO 2011/151517	 (71)Name of Applicant : 1)KEMIRA OYJ Address of Applicant :Porkkalankatu 3 FI 00180 Helsinki Finland (72)Name of Inventor : 1)AKSELA Reijo 2)RISSANEN Jussi
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(57) Abstract :

The present invention relates to a process for the preparation of a mixture of aspartic acid diethoxy succinate and an amino acid derivative of the general formula (I) wherein n is 1 10 m is 0 or 1 and R is hydrogen or an alkali metal or alkaline earth metal ion comprising reacting maleate with diethanol amine under alkaline conditions in the presence of a lanthanoid catalyst to form aspartic acid diethoxy succinate followed by adding aspartic acid which reacts with unreacted maleate to form imino disuccinic acid i.e. an amino acid derivative of formula (I) wherein m is 0 or by adding a diamine derivative of the general formula (II) NH2(CH2)nNH2 wherein n is as defined above which reacts with unreacted maleate to form an amino acid derivative of formula (I) wherein m is 1 and n is as defined above.

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

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : RECYCLING POLYAMIDE AIRBAGS

 (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 	:PCT/EP2011/064315 :19/08/2011 :WO 2012/025465 :NA	 (71)Name of Applicant : 1)RHODIA OPERATIONS Address of Applicant :40 rue de la Haie Coq F 93306 Aubervilliers France (72)Name of Inventor : 1)BASIRE Charlotte
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a method for making a polyamide composition in particular for molding prepared by mixing a polyamide material a powder made from airbag scraps and optionally reinforcing fillers. The invention in particular relates to a method for recycling used airbags.

No. of Pages : 13 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :08/04/2011

(43) Publication Date : 02/01/2015

(51) International classification	:C07D401/14	(71)Name of Applicant :
(31) Priority Document No	:08166228.0	1)F. HOFFMANN-LA ROCHER AG
(32) Priority Date	:09/10/2008	Address of Applicant :124 GRENZACHERSTRASSE, CH-
(33) Name of priority country	:EUROPEAN	4070 BASEL Switzerland
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2009/062570	1)GOETSCHI, ERWIN
Filing Date	:29/09/2009	2)JOLIDON, SYNESE
(87) International Publication No	:WO 2010/040661	3)LUEBBERS, THOMAS
(87) International 1 ubilication No	Al	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : MODULATORS FOR AMYLOID BETA

(57) Abstract :

The invention relates to compounds of formula wherein R1 is hydrogen, lower alkyl or is lower alkyl substituted by hydroxy; R2 is hydrogen, lower alkoxy or lower alkyl; R3/R4 are independently from each other hydrogen, halogen, lower alkyl, C(0)0-lower alkyl, OR', NRR', lower alkyl substituted by halogen or hydroxy, or is phenyl or benzyl, optionally substituted by one or two halogen atoms; R' is lower alkyl, or is phenyl, benzyl or pyridinyl, which rings are optionally substituted by one or more halogen, lower alkyl or lower alkyl substituted by fluoro; R is hydrogen or lower alkyl; R' is lower alkyl, lower alkyl substituted by one or two hydroxy groups, CH(CH20H)-phenyl, or is -(CfO-lower alkyl, or is phenyl substituted by halogen, or R and R' form together with the N-atom to which they are attached a heterocyclic ring, optionally substituted by one or more lower alkyl, or by CH2C(0)OH; Ar is a five-membered heteroaryl group; or to pharmaceutically active acid addition salts. It has been found that the present compounds of formula I are modulators for amyloid beta and thus, they may be useful for the treatment or prevention of a disease associated with the deposition of P-amyloid in the brain, in particular Alzheimer's disease, and other diseases such as cerebral amyloid angiopathy, hereditary cerebral hemorrhage with amyloidosis, Dutch-type (HCHWA-D), multi-infarct dementia, dementia pugilistica and Down syndrome.

No. of Pages : 42 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H04N13/04	(71)Name of Applicant :
(31) Priority Document No	:1020100099323	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:12/10/2010	Address of Applicant :129 Samsung ro Yeongtong gu Suwon
(33) Name of priority country	:Republic of Korea	si Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2011/007595	(72)Name of Inventor :
Filing Date	:12/10/2011	1)YEON Su Jin
(87) International Publication No	:WO 2012/050366	2)LEE Sang II
(61) Patent of Addition to Application	:NA	3)LEE Hye Won
Number	:NA :NA	4)KIM Bo Mi
Filing Date	.NA	5)JEONG Moon Sik
(62) Divisional to Application Number	:NA	6)LEE Yeon Hee
Filing Date	:NA	

(54) Title of the invention : 3D IMAGE DISPLAY APPARATUS AND DISPLAY METHOD THEREOF

(57) Abstract :

A display method of a Three Dimensional (3D) display apparatus is provided. The display method includes displaying a first display element having a first depth value; adjusting at least one depth value of the first display element and a second display element having a second depth value to be displayed in superimposition with or displayed on the first display element in a state where the first display element having the first depth value is displayed; and displaying the first display element and the second display element in superimposition with the first display element or on the first display element of which the depth value has been adjusted wherein at least one of the first display element and the second display element is displayed with an adjusted depth value. Accordingly a user s attention and recognition can be heightened in executing the User Interface (UI).

No. of Pages : 39 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FAT FILLING WITH VEGETABLE FAT AND SWEETENER			
 (54) Fitte of the invention : FAT FILLIN (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 	:A23G3/38,A23G3/42 :10007903.7 :29/07/2010 :EPO	 (71)Name of Applicant : (71)Name of Applicant : 1)CARGILL INCORPORATED Address of Applicant :15407 McGinty Road West Wayzata Minnesota 55391 U.S.A. (72)Name of Inventor : 1)DENDOOVEN Els Ginette Alexander 2)VERCAUTEREN Ronny Leontina Marcel 3)VAN LIMBERGHEN Vera 	

(57) Abstract :

The present invention relates to a composition comprising fat and sweetener. The fat is present in an amount from 40 % w/w to 65% w/w and the sweetener is present in an amount from 30% w/w to 60% w/w. The composition is useful as fat filling in various food products in particular in confectionery and bakery applications. The preferred use of the composition is to provide a cooling effect to food products in particular to chocolate.

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

(22) Date of filing of Application :15/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMPROVED SYNTHESIS AND CYTOTOXIC STUDIES OF IMINE COMPOUNDS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NIZAM COLLEGE, OSMANIA UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	NIZAM COLLEGE, OSMANIA UNIVERSITY,
(86) International Application No	:NA	BASHEERBAGH, HYDERABAD - 500 001 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)UMA VURUPUTURI
Filing Date	:NA	2)BHARGAVI KONDAGARI
(62) Divisional to Application Number	:NA	3)SARITA RAJENDER POTLAPALLY
Filing Date	:NA	4)RAMASREE DULAPALLI

(57) Abstract :

The present innovation is focused on novel synthetic methods for preparing cytotoxic imine compounds and their derivatives represented by Structural Formula (I). Particularly, the present discovery relates to a process for the preparation of the cytotoxic imine compounds of the formula (I). R3 (I) wherein Rl and R2 are hydrogen, halogen, lower alky! (cl-4), lower alkyloxy (cl-c4), R3 is hydrogen, hydroxyl, R4 is hydrogen, hydroxy, or a pharmaceutically acceptable salt thereof. The said compounds are having cytotoxic properties represent inclusively all of the possible optical and geometrical isomers due to carbon and carbon-nitrogen double bond.

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

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : HUMAN ANTIBODY DRUG CONJUGATES AGAINST TISSUE FACTOR

(51) International classification	:C07K16/36,A61K47/48	(71)Name of Applicant :
(31) Priority Document No	:PA 2010 00529	1)Genmab A/S
(32) Priority Date	:15/06/2010	Address of Applicant :Bredgade 34 DK 1260 Copenhagen K
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/EP2011/059917	(72)Name of Inventor :
Filing Date	:15/06/2011	1)SATIJN David
(87) International Publication No	:WO 2011/157741	2)VERPLOEGEN Sandra
(61) Patent of Addition to Application	:NA	3)BLEEKER Wim
Number		4)LISBY Steen
Filing Date	:NA	5)WINKEL Jan van de
(62) Divisional to Application Number	:NA	6)BERKEL Patrick van
Filing Date	:NA	7)PARREN Paul
Filing Date	.INA	/)FARKEN Fau

(57) Abstract :

Antibody drug conjugates against tissue factor. Also disclosed are pharmaceutical compositions comprising the antibodies and antibody drug conjugates and therapeutic and diagnostic methods for using the antibodies and antibody drug conjugates.

No. of Pages : 139 No. of Claims : 26

(21) Application No.2711/CHENP/2013 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SALTS OF ARYLSULFONAMIDE CCR3 ANTAGONISTS

 (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 Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D211/54,C07D241/04,A61K31/495 :61/391926 :11/10/2010 :U.S.A. :PCT/US2011/055550 :10/10/2011 :WO 2012/051090 to :NA :NA :NA :NA	 (71)Name of Applicant : 1)AXIKIN PHARMACEUTICALS INC. Address of Applicant :10835 Road To The Cure Suite 250 San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)LY Tai Wei
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(57) Abstract :

Provided herein are arylsulfonamide salts e.g. a salt of a compound of Formula I which are useful for modulating CCR3 activity and their pharmaceutical compositions. Also provided herein are methods of their use for treating preventing or ameliorating one or more symptoms of a CCR3 mediated disorder disease or condition.

No. of Pages : 101 No. of Claims : 64

(21) Application No.3482/CHENP/2013 A

(19) INDIA(22) Date of filing of Application :02/05/2013

(43) Publication Date : 02/01/2015

(51) International classification	:G06F9/44	(71)Name of Applicant :
(31) Priority Document No	:12/953091	1)MICROSOFT CORPORATION
(32) Priority Date	:23/11/2010	Address of Applicant :One Microsoft Way Redmond
(33) Name of priority country	:U.S.A.	Washington 98052 6399 U.S.A.
(86) International Application No	:PCT/US2011/058681	(72)Name of Inventor :
Filing Date	:31/10/2011	1)MORGAN Peter
(87) International Publication No	:WO 2012/071141	2)KEKEH Charles
(61) Patent of Addition to Application	:NA	3)TINKER Kier
Number		4)REIERSON Kristofer
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : EFFICIENT VIRTUAL APPLICATION UPDATE

(57) Abstract :

Efficient virtual application updating is enabled. An old version of a virtual application can be compared to a new version of the virtual application and updated as a function thereof. A file unchanged from the old version to the new version can be hard linked from the new version to the old version. For a changed file matching portions of the file can be copied from the old version to the new version and remaining un matching portions can be acquired from another source.

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

(19) INDIA

(22) Date of filing of Application :02/05/2013

(54) Title of the invention : CARBON FIBER PRECURSOR FIBER BUNDLE CARBON FIBER BUNDLE AND USES THEREOF

 (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 	:D01F6/18,D01F9/22 :2010230492 :13/10/2010 :Japan :PCT/JP2011/073578 :13/10/2011 :WO 2012/050171 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI RAYON CO. LTD. Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku Tokyo 1008253 Japan (72)Name of Inventor : 1)SHINMEN Yuusuke 2)HIROTA Norifumi 3)NAKAJIMA Atsushi 4)AOYAMA Naoki 5)MATSUYAMA Naomasa 6)NII Takeshi 7)KOGAME Akiyoshi 8)FUJII Yasuyuki 9)IRIE Yoshiko 10)MATSUDA Harumi 11)KIRIYAMA Takayuki 12)MIURA Teppei 13)TERANISHI Takuya 14)MORI Shouhei 15)KANEKO Manabu 16)NUMATA Kiharu 17)ICHINO Masahiro 18)TAKEDA Shigekazu 19)KOBAYASHI Takayuki 20)ITOU Toshiyuki
		19)KOBAYASHI Takayuki
		22)NAKAO Hiroyuki 23)WATANABE Kenichi

(57) Abstract :

Provided are: a carbon fiber bundle which has a large value of single fiber fineness and excellent productivity and which despite this contains few interlaced single fibers therein and has excellent spreadability; and precursor fibers which are suitable for use in producing the carbon fiber bundle. The precursor fibers are a carbon fiber precursor acrylic fiber bundle which comprises a polyacrylonitrile copolymer comprising 95 99 mol% acrylonitrile units and 1 5 mol% hydroxyalkyl (meth)acrylate units and which has a single fiber fineness of 1.5 5.0 dtex. In the acrylic fiber bundle the cross section of each single fiber which is perpendicular to the fiber axis has a shape that has a roundness of 0.9 or less. The roundness is a value determined using equation (1) where S and L are the cross section area and the circumferential length respectively of a single fiber which are obtained by examining with an SEM the cross section of the single fiber which is perpendicular to the fiber axis and analyzing the obtained image. Roundness = 4pS/L (1)

No. of Pages : 135 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :02/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : GRAIN DELIVERY CONTROL MECHANISM FOR AGRICULTURAL VEHICLES (51) International classification :A01D (71)Name of Applicant : (31) Priority Document No 1)TRACTORS AND FARM EQUIPMENT LIMITED :NA (32) Priority Date Address of Applicant :NO. 861, ANNASALAI, CHENNAI -:NA (33) Name of priority country 600 002 Tamil Nadu India :NA (86) International Application No (72)Name of Inventor : :NA Filing Date **1)S. JAYAKANNA** :NA (87) 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 grain delivery control mechanism for agricultural vehicles is disclosed, said grain delivery control mechanism comprising a grain feeding and unloading mechanism (200) that enables exclusive operation of feeding of grains into a grain tank or unloading of grains into a storage 5 area, comprising a plurality of cylinders, including a feeder box cylinder (201) and a grain unloading cylinder (202), a plurality of driving mechanisms implemented as belt drive units (300, 400), and a plurality of non-return valves (C1, C2) that are associated with the plurality of driving mechanisms. Additionally, the grain delivery control mechanism comprises a plurality of hydraulic cylinders (101, 102, and 103) for engaging or disengaging their respective drives, a 10 reservoir (104) for hydraulic oil, and a plurality of valves (V1-V5) for activating the plurality of hydraulic cylinders (101,102, and 103).

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

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MODULAR CONSTRUCTION SYSTEM CONSTRUCTION ELEMENT COUPLING ELEMENT END ELEMENT AND TOOL FOR USE IN SUCH A CONSTRUCTION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A63H33/10,F16B12/26 :2005185 :30/07/2010 :Netherlands	 (71)Name of Applicant : 1)WIDEE B.V. Address of Applicant :Dedemsvaartseweg Zuid 59 NL 7775 AC Lutten Netherlands
 (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 	:PCT/NL2011/050544 :28/07/2011 :WO 2012/015304 :NA :NA :NA :NA	(72)Name of Inventor : 1)DE WILDE Gerrit Jan

(57) Abstract :

The invention relates to a modular construction system comprising at least two construction elements (20) and a coupling element (1) wherein : the coupling element (1) comprises a body (2) with two surfaces which are each provided with coupling means wherein the coupling means of at least one surface comprise a ring of resiliently pivotable lips (4) provided with locking protrusions; at least one of the two construction elements comprises an opening (22) for receiving the lips of the coupling element; the lips are adapted to displace inward in order to release the connection between the coupling element and the construction element; and the plate like body of the coupling element comprises an opening (6) which is provided with resiliently pivotable tongues (7) extending radially inward which are connected to the lips (4) wherein the tongues are displaced out of the plate like body by a force being exerted thereon such that due to displacement of the tongues the lips are displaced inward.

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

(19) INDIA(22) Date of filing of Application :21/02/2013

(43) Publication Date : 02/01/2015

(71)Name of Applicant : (51) International classification :F16L37/088 1)SWAGELOK COMPANY (31) Priority Document No :61/367644 Address of Applicant :29500 Solon Road Solon OH 44139 (32) Priority Date :26/07/2010 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor : (86) International Application No :PCT/US2011/045145 1)WILLIAMS Peter C. Filing Date :25/07/2011 2)BROWN Cal R. (87) International Publication No :WO 2012/018576 3)CLASON Mark A. (61) Patent of Addition to Application :NA 4)KALATA Gregory S. Number :NA 5)SLAVEN Harry Filing Date **6)HAMILTON Justin** (62) Divisional to Application Number :NA 7)HAMILTON Ronald Filing Date :NA 8)TRIVETT Daniel G.

(54) Title of the invention : SINGLE AXIS PUSH TO CONNECT CONDUIT FITTING

(57) Abstract :

A push to connect conduit fitting includes a first fitting component and a second fitting component and a releasable retaining structure for retaining the two fitting components in one or more retained axial positions as an unthreaded mechanical connection. In one of the retained axial positions a conduit may be inserted and a conduit retainer holds the conduit in position. A seal mechanism may also be provided to seal an outer surface of the conduit fitting assembly. Embodiments for a threaded mechanical connection are also disclosed.

No. of Pages : 41 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :03/05/2013

(54) Title of the invention · MOBILE SIZING STATION

(43) Publication Date : 02/01/2015

:A01D41/00	(71)Name of Applicant :
:61/411087	1)FLSMIDTH A/S
:08/11/2010	Address of Applicant :77 Vigerslev Alle DK 2500 Valby
:U.S.A.	Denmark
:PCT/US2011/058572	(72)Name of Inventor :
:31/10/2011	1)DAVIS Glenn
:WO 2012/064541	
:NA	
INA	
:NA	
:NA	
	:A01D41/00 :61/411087 :08/11/2010 :U.S.A. :PCT/US2011/058572 :31/10/2011 :WO 2012/064541 :NA :NA :NA

(57) Abstract :

A mobile sizing station includes a crushing device and a hopper device. A conveyor device extends between a hopper of the hopper device to a crusher mechanism of the crushing device to transport material fed to the hopper to the crusher mechanism to crush the material. The hopper of the hopper device is supported on a base that has a plurality of frame members. A first frame member is pivotally connected to a second frame member and is also rotatably supported such that the first frame member is rotatable. The second frame member is pivotally connected to a third frame member and the third frame member is connected to the hopper. The hopper is thereby rotatable and is tiltable about the pivotal connections between the second and third frame members and is also tiltable about the pivotal connection between the first and second frame members.

No. of Pages : 45 No. of Claims : 25

(22) Date of filing of Application :21/02/2013

(54) Title of the invention : APPLICATION OF FUNCTIONALIZED DIHYDROXY CHLORINS FOR PDT

 (51) International classification (31) Priority Document Not (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 Note Content of Note	:22/07/2010 :U.S.A. :PCT/US2011/047576 :12/08/2011 :WO 2012/012809	 (71)Name of Applicant : 1)CERAMOPTEC GMBH Address of Applicant :Siemensstr. 44 53121 Bonn Germany 2)BIOLITEC PHARMA MARKETING LTD. (72)Name of Inventor : 1)AICHER Daniel 2)WIEHE Arno 3)STARK Christian B. W. 4)ALBRECHT Volker 5)GRAFE Susanna
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides methods to obtain biologically active compounds that can be used as photosensitizers for diagnostic and therapeutic applications particularly for PDT of cancer infections and other hyperproliferative diseases fluorescence diagnosis and PDT treatment of a non tumorous indication such as arthritis inflammatory diseases viral or bacterial

infections dermatological ophthalmological or urological disorders. An embodiment of the present invention consists of a method to synthesize diketo chlorins as precursors. In yet another embodiment these precursors are converted to unctionalized hydroxy and dihydroxy chlorins. Another embodiment is to provide amphiphilic compounds with a higher membrane affinity and increased PDT efficacy. Another embodiment consists of the formulation of the desired isomer into a liposomal formulation to be injected avoiding undesirable effects like precipitation at the injection site or delayed pharmacokinetics of the tetrapyrrole systems.

No. of Pages : 53 No. of Claims : 23

(21) Application No.171/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 02/01/2015

 (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 	:61/354335 :14/06/2010 :U.S.A. :PCT/US2011/038069 :26/05/2011 :WO 2011/159448 :NA :NA	 (71)Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A. (72)Name of Inventor : 1)KING Bruce A. 2)HULL John Wesley 3)GORMAN David Bruce
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PROCESS FOR BROMINATING BUTADIENE POLYMERS

(57) Abstract :

Butadiene polymers are brominated using tetraethylammonium tribromide as the brominating agent. The bromination is performed in a solvent for the starting polymer and for the tetraethylammonium bromide that is formed as a reaction byproduct. The process proceeds easily under mild conditions. In some cases a solution of the brominated polymer and the tetraethylammonium monobromide is produced; this solution separates into a layer that contains the brominated polymer and another layer that contains most or all of the tetraethylammonium monobromide salt. In other cases the brominated polymer precipitates from the reaction mixture and is separated from the tetraethylammonium monobromide salt in that manner. This process therefore permits the tetraethylammonium monobromide or eliminated product and allows aqueous washing steps to be reduced or eliminated.



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

(22) Date of filing of Application :06/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : INHIBITOR OF EXPRESSION OF DOMINANTLY MUTATED GENE

(51) International classification:C12N15/113,A61K31/7105,A61K48/00(31) Priority Document No:2010222847(32) Priority Date:30/09/2010(33) Name of priority country:Japan(86) International Filing Date:PCT/JP2011/072187(87) International Filing Date:WO 2012/043633(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(57) Abstract:NA	(71)Name of Applicant : 1)NATIONAL CENTER OF NEUROLOGY AND PSYCHIATRY Address of Applicant :1 1 Ogawahigashi cho 4 chome Kodaira shi Tokyo 1878551 Japan (72)Name of Inventor : 1)HOHJOH Hirohiko 2)TAKAHASHI Masaki
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(57) Abstract :

The object of the present invention is to develop an RNAi molecule that can permit the expression of a wild type gene or a desired mutated gene and can inhibit only the expression of a specific dominantly mutated gene selectively and efficiently and to provide a method for designing the RNAi molecule and an inhibitor of the expression of an dominantly mutated gene which contains the RNAi molecule as an active ingredient. Provided is an inhibitor of the expression of an dominantly mutated gene comprising an RNAi molecule which is designed so that in a dominantly mutated gene which can be transcribed into a transcript having a discontinuous connection point generated therein the base length from a nucleotide located at the 3 terminal of a sense strand region adjacent to the discontinuous connection point to the 3 terminal of the gene becomes a predetermined length.

No. of Pages : 170 No. of Claims : 23

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND DIGITAL CIRCUIT FOR RECOVERING A CLOCK AND DATA USING A DIGITAL FREQUENCY DETECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:12/938405 :03/11/2010 :U.S.A. :PCT/US2011/059207	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor :
Filing Date	:03/11/2011	1)KONG Xiaohua
(87) International Publication No	:WO 2012/061631	2)ZHU Zhi
(61) Patent of Addition to Application Number	:NA	3)DANG Nam V. 4)SOWLATI Tirdad
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a particular embodiment a digital circuit includes a frequency detection circuit operative to compare information related to transitions between sequential samples of a received signal. The frequency detection circuit is further operative to generate a control signal to reduce a sampling rate of the received signal in response to a predetermined number of the sequential samples having a same value. The digital circuit also includes a digital phase detector operative to provide the information related to the transitions between sequential samples to the frequency detection circuit.

No. of Pages : 51 No. of Claims : 47

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : HYBRID TECHNOLOGY FOR TOTAL STERILIZATION AND CHEMICAL TRACES ELIMINATION OF AQUATIC SPECIES WITH UV LASER, OZONE AND ULTRSONIC WAVES

(51) International classification	:A61L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500037 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this invention a hybrid technology of sterilization is used to completely sterilize shrimps, fishes and other types of aquatic and marine species avoiding conventional chemical fumigation methods. Pulsed micro waves are produced using electronic circuits, within the chamber through which shrimps, fishes and other types of aquatic and marine species is passed through. The chamber consists pulsed UV lamps and pulsed UV laser devices to flash required wave length of UV light. De¬pending on the requirement infrared thermal agitation is also provided. Controlled release of Ozone is employed within the chamber to further ste ri-alsrilize the shrimps, fishes and other types of aquatic and marinesekanJii.

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

(12) Date of filing of Application :18/03/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TUNABLE BIODEGRADABLE LINKER MOLECULES FOR TRANSIENT CONJUGATION OF COMPONENTS IN DRUG DELIVERY SYSTEMS AND DRUG DELIVERY SYSTEMS PREPARED THEREWITH

 (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 	:61/384730 :21/09/2010 :U.S.A. :PCT/NL2011/050509 :14/07/2011 :WO 2012/039602 :NA	 (71)Name of Applicant : 1)CRISTAL DELIVERY B.V. Address of Applicant :Padualaan 8 NL 3584 CH Utrecht Netherlands (72)Name of Inventor : 1)RIJCKEN Cristianne Johanna Ferdinand 2)KRUIJTZER Johannes Anna Wilhelmus 3)VAN NOSTRUM Cornelis Franciscus 4)VAN DER WAL Steffen
Number	:NA	4)VAN DER WAL Steffen
Filing Date	:NA	5)HENNINK Wilhelmus Everhardus
(62) Divisional to Application Number	:NA	6)LISKAMP Robertus Matthias Joseph
Filing Date	:NA	7)ALTINTAS Isil

(57) Abstract :

The present invention relates to a particular class of biodegradable linkers ensuring transiently stable conjugation of building blocks and/or bioactive compounds into drug delivery systems (DDS) such as DDS based on polymeric micelles or hydrogels. In addition the present invention relates to compounds comprising said linkers such compounds preferably being prodrugs. Further the invention is directed to the use of said linkers and especially said biodegradable linkers in a drug delivery system. Moreover the invention relates to controlled release system comprising a polymer matrix capable of releasing an active ingredient wherein the active ingredient is covalently linked to the polymer molecules of the polymer matrix through said linkers as well as to a method of synthesising these linkers and preparing such controlled release systems.

No. of Pages : 44 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : CHARGING MEMBER PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC DEVICE

 (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 	:G03G15/02,C08G77/50 :2010228367 :08/10/2010 :Japan :PCT/JP2011/073277 :04/10/2011 :WO 2012/046863 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CANON KABUSHIKI KAISHA Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku Tokyo 1468501 Japan (72)Name of Inventor : 1)TANIGUCHI Tomohito 2)KOIDE Satoshi
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(57) Abstract :

Provided are a charging member process cartridge and electrophotographic device that suppress C set images which occur when the charging member and an electrophotographic photoreceptor remain in contact over a long period of time. A specific compound is included in the surface layer of the charging member which has an electroconductive support body and a surface layer.

No. of Pages : 108 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 02/01/2015

 (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 	:10190527.1 :09/11/2010 :EPO :PCT/EP2011/069232 :02/11/2011 :WO 2012/062631	 (71)Name of Applicant : 1)INEOS COMMERCIAL SERVICES UK LIMITED Address of Applicant :Hawkslease Chapel Lane Lyndhurst Hampshire SO43 7FG U.K. (72)Name of Inventor : 1)BELL Peter Simpson 2)COOKE Brian Henry 3)TURNBULL Neil
(87) International Publication No	:WO 2012/062631	2)COOKE Brian Henry
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : PROCESS AND APPARATUS FOR THE PRODUCTION OF ALCOHOLS

(57) Abstract :

A process for the production of C2+ alcohols from a methane containing feedstock which process comprises a) optionally reacting in a pre reformer the methane containing feedstock in the presence of steam where the steam plus C0 to methane molar ratio is less than 5:1; b) reforming at least a portion of the methane containing feedstock in a first reformer optionally in the presence of steam where the steam plus C0 to methane molar ratio is less than 5:1 to produce a first product stream comprising CO Hand C0; c) optionally subjecting at least a portion of the first product stream and/or a portion of the methane containing feedstock to a reforming process in a second reformer in the presence of steam and oxygen to produce a second product stream comprising CO H and C0 d) subjecting the product streams to a bacterial fermentation process in a fermenter to produce a third product stream comprising an aqueous solution of at least one C2+ alcohol nutrients and reaction intermediates and a fourth product stream comprising CO H and C0 at least 60% of the CO being converted; e) recycling at least a portion of the fourth product stream to the methane containing feedstock; f) recovering at least a part of the at least one C2+ alcohols from the third product stream to leave a fifth product stream; and g) recycling at least a part of the fifth product stream to the fermenter.

No. of Pages : 30 No. of Claims : 29

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : ASSET HEALTH MONITORING USING STABLE DISTRIBUTIONS FOR HEAVY-TAILED DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:G05B23/02,G05B19/4065,G05B9/02 :1010315.8 :21/06/2010 :U.K.	 (71)Name of Applicant : 1)OPTIMIZED SYSTEMS AND SOLUTIONS LIMITED Address of Applicant :Moor Lane Derby Derbyshire DE24 8BJ U.K. (72)Name of Inventor : 1)KEN MCDONALD
(86) International Application No Filing Date	:PCT/EP2011/059382 :07/06/2011	2)SRINI SUNDARAM
(87) International Publication No	:WO/2011/160943	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A machine management system, comprising one or more sensors (27) arranged to take readings of one or more operating variables for a machine (10). Data processing equipment (29) is arranged to receive data indicative of said operating variable readings for the machine and to analyse the received operational data to determine a probability distribution there-for. The processing equipment comprises one or more modules of machine-readable code for assigning a value to one or more Stable distribution parameters in dependence on the received operational data, and a departure in the machine operation from a predetermined normal operating condition is determined From the assigned distribution parameter.

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

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : GEOGRID NON WOVEN OR WOVEN FABRIC AND STRAPPING BAND

(51) International classification	:B65D3/10,D03D15/00,D04H3/04	(71)Name of Applicant :
(31) Priority Document No	:10175137.8	1)BAUMHUETER EXTRUSION GMBH
(32) Priority Date	:02/09/2010	Address of Applicant :L ¹ /4mernweg 186 33378 Rheda
(33) Name of priority country	:EPO	Wiedenbr ¹ / ₄ ck Germany
(86) International Application	:PCT/EP2011/063062	(72)Name of Inventor :
No Filing Date	:29/07/2011	1)KNACK Ingo
(87) International Publication No	:WO 2012/028402	
(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 geogrid a non woven or woven fabric and a strapping band methods for their preparation and their use.

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

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ROLLING TRAIN FOR PRODUCING A METAL STRIP AND METHOD FOR PRODUCING A ROLLING TRAIN

 (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 	PCT/EP2011/066489 :22/09/2011 :WO 2012/045585 :NA :NA	 (71)Name of Applicant : 1)SMS SIEMAG AG Address of Applicant :Eduard Schloemann Strae 4 40237 D¼sseldorf Germany (72)Name of Inventor : 1)SEIDEL J¼rgen 2)WIED Andreas
Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a rolling train for producing a metal strip (40) in particular a hot rolling train comprising at least one rolling stand (10) for rolling the metal strip (40) at least one unit (10) adjacent to the rolling stand and at least one loop lifter (20) which is arranged between the rolling stand (10) and the adjacent unit and has a loop lifter roller (22) for regulating the strip tension and/or for balancing out mass flow disturbances wherein the loop lifter roller (22) is arranged within the volume defined by one of the rolling stands. The invention also relates to a rolling train for producing a metal strip (40) in particular a hot rolling train comprising at least one rolling stand (10) for rolling the metal strip (40) at least one unit (10) adjacent to the rolling stand and at least one lateral run in guide (30) which is arranged between the rolling stand (10) and the adjusting device (32) of the lateral run in guide (30) is arranged within the volume defined by the rolling stand (10). In addition the present invention relates to a rolling train for producing a metal strip (40) in particular a hot rolling train for producing a metal strip (40) in particular a hot rolling train for producing a metal strip (40) at least one unit and is intended for introducing the metal strip into the downstream rolling stand (10). In addition the present invention relates to a rolling train for producing a metal strip (40) in particular a hot rolling train comprising at least one rolling stand (10) for rolling the metal strip (40) at least one unit (10) adjacent to the rolling stand and at least one induction heater (50) arranged between the rolling stand (10) and the at least one unit for heating the metal strip (40) wherein the induction heater (50) is formed compactly in the strip running direction.

No. of Pages : 25 No. of Claims : 32

(22) Date of filing of Application :16/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR INCREASING THE SULFURIC ACID CONCENTRATION OF A SULFURIC ACID SOLUTION

(51) International classification (31) Priority Document No	n:C01B17/88,D01F13/04,B01D1/00 :10192021.3	(71)Name of Applicant : 1)TEIJIN ARAMID B.V.
(32) Priority Date	:22/11/2010	Address of Applicant :Velperweg 76 NL 6824 BM Arnhem
(33) Name of priority country		Netherlands
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2011/068707 :26/10/2011 :WO 2012/069270	(72)Name of Inventor :1)KOEHORST Hendrikus Johannes2)BOER Teunis Leendert
No (61) Patent of Addition to	:NA	
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention pertains to a method of increasing the sulfuric acid concentration of a first aqueous sulfuric acid solution with a sulfuric acid concentration of 82 89% to a concentrated sulfuric acid solution with a sulfuric acid concentration of at least 90% comprising the steps of evaporating water from the first aqueous sulfuric acid solution in an evaporator vessel to the concentrated sulfuric acid solution a second aqueous sulfuric acid solution and hydrogen peroxide through an enameled piping system comprising the evaporator vessel and one or more heaters and pumps which piping system is operating at a temperature of at least 180°C characterized in that the sulfuric acid concentration of the second aqueous sulfuric acid solution is at least 90%.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.1499/CHENP/2013 A (19) INDIA (22) Date of filing of Application :25/02/2013 (43) Publication Date : 02/01/2015 (54) Title of the invention : CONTROLLER CIRCUIT INCLUDING A SWITCH MODE POWER CONVERTER AND AUTOMATIC RECLOSER USING THE SAME (51) International classification :H02H3/04,H02H3/06,H02H3/08 (71)Name of Applicant : (31) Priority Document No 1) TYCO ELECTRONICS CORPORATION :61/367584 (32) Priority Date :26/07/2010 Address of Applicant :1050 Westlakes Drive Berwyn (33) Name of priority country Pennsylvania 19312 U.S.A. :U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2011/045268 **1)FLAHERTY Richard Charles** No :26/07/2011 Filing Date 2)RODRIGUEZ Roberto Gomez (87) International Publication No:WO 2012/018600 (61) Patent of Addition to ·NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

An autorecloser circuit including a relay circuit with an electromagnetic relay configured to be coupled between an AC power source and a customer location to deliver current from the AC power source to the customer location. A controller coupled to the relay circuit is configured to control the electromagnetic. A current sense circuit coupled to the controller is configured to detect an amount of the current that is delivered to the customer location and a reference voltage circuit coupled to the controller is configured to establish a reference level for the amount of the current that is delivered to the customer location. A power circuit coupled to the controller and to the relay circuit is configured to provide a DC power source to the controller and to the relay circuit from the AC power source. The controller is configured to disconnect or reconnect the AC power source from the customer location based on the detected amount of current.

No. of Pages : 27 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:C12Q1/22	(71)Name of Applicant :
(31) Priority Document No	:61/408977	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:01/11/2010	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2011/058257	(72)Name of Inventor :
Filing Date	:28/10/2011	1)CHANDRAPATI Sailaja
(87) International Publication No	:WO 2012/061227	2)WEBB Heather M.
(61) Patent of Addition to Application	:NA	3)PEDERSON Jeffrey C.
Number		4)SMITH Jeffrey D.
Filing Date	:NA	5)DUDA RuthAnn R.
(62) Divisional to Application Number	:NA	6)ENGEL Brian J.
Filing Date	:NA	
(57) A 1-stars st s		1

(54) Title of the invention : BIOLOGICAL STERILIZATION INDICATOR

(57) Abstract :

A biological sterilization indicator (BI). The BI can include a housing and a container positioned in the housing. The container can contain a liquid and at least a portion of the container can be frangible. The BI can further include a first chamber and a second chamber. The second chamber can include at least one source of biological activity. The BI can further include a substrate positioned in the housing between the first chamber and the second chamber. The substrate can be positioned in fluid communication with the first chamber and the substrate can be further positioned such that the substrate is not in direct contact with the source of biological activity.

No. of Pages : 87 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:E04B5/02	(71)Name of Applicant :
(31) Priority Document No	:08405282.8	1)COBIAX TECHNOLOGIES AG
(32) Priority Date	:19/11/2008	Address of Applicant :OBERALLMENDSTRASSE 20A,
(33) Name of priority country	:EPO	6301 ZUG Switzerland
(86) International Application No	:PCT/CH2009/000342	(72)Name of Inventor :
Filing Date	:26/10/2009	1)STUCKLIN, MICHAEL
(87) International Publication No	:WO 2010/057322 A1	2)KRECOV, DEJAN
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
	.117	

(54) Title of the invention : PRESTRESSED SLAB ELEMENT

(57) Abstract :

The;:'i'ny.entipn.-; relates;.- toj-;avprstr;ess.edsiab; element (10), in .::parti'curar;l;.aL.concrete; sl;ab. .according to the ihsi,tu;;;\cKnc'r in. a con- creteVpirecasting plant which in top view pf its surface (11) ' comprises at least one hollow element region (20) with hol¬low elements (21) contained therein and at least one support .'mregion- (30) for ' supporting or holding the slab' element (10) without' hollow elements .(2,1)-,. -as -well as .stressing' elements (40) for'reinforcing the. slab element (10) , which' each are installed through the slab element (10) and form a lattice-shaped structure (50)', wherein ..individual.....fields (51) of this structure (50) establish a support . or hollow element "fegibri1. (20, 30), .'and laterally adjoining fields (51) of the lattice-shaped structure;, (50')'.;'form at. least one longish sup- : ,.;pprt .strip-..(6.6), which joins individual support, regions (30) with;:, one .another and .which, .is. embodied .in . a reinforced man- mer, characterized by stressing - elements (40), which in a lateral view of the slab element (10) are installed in the slab .'element (10) ...wave-like ;ža.nd,...which, support...themselves on m;.'. at ie'ast'-;.'one.' lattice system (90) of', bars (91) with hollow 1 :Vel-ements . (21) -held .-therein whose m respective ' height is adapted to the... wave ...shape (figure 1)

No. of Pages : 24 No. of Claims : 16

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR REPRODUCING STEREOPHONIC SOUND

 (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 	:H04S5/02,H04S3/00 :61/330,986 :04/05/2010 :U.S.A. :PCT/KR2011/003337 :04/05/2011 :WO 2011/139090 :NA :NA	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung-ro Yeongtong-gu Suwon-si Gyeonggi-do 443-742 Republic of Korea Republic of Korea (72)Name of Inventor : 1)KIM Sun-Min
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method and apparatus reproduce a stereophonic sound. The method includes obtaining sound depth information which denotes a distance between at least one object within a sound signal and a reference position and providing sound perspective to the sound object output from a speaker based on the sound depth information.

No. of Pages : 23 No. of Claims : 15

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSITIONING ENHANCED SECURITY CONTEXT FROM A UTRAN/GERAN-BASED SERVING NETWORK TO AN E-UTRAN-BASED SERVING NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04W12/04,H04L29/06,H04W36/00 :61/355,977 :17/06/2010 :U.S.A. :PCT/US2011/040773 :16/06/2011	 (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)ESCOTT Adrian Edward 2)PALANIGOUNDER Anand
Publication No (61) Patent of Addition to Application Number Filing Date	:WO/2011/159948 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a method for transitioning an enhanced security context from a UTRAN/GERAN-based serving network to an E-UTRAN-based serving network. In the method, the remote station the remote station generates first and second session keys, in accordance with the enhanced security context, using a first enhanced security context root key associated with a UTRAN/GERANbased serving network and a first information element. The remote station receives a first message from the E-UTRAN-based serving network. The first message signals to the remote station to generate a second enhanced security context root key for use with the E-UTRAN-based serving network. The remote station generates, in response to the first message, the second enhanced security context root key from the first enhanced security context root key using the s first and second session keys as inputs. The remote station protects wireless communications, on the E-UTRAN-based serving network, based on the second enhanced security context root key.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : MIXED LITHIUM COBALT OXIDE AND LITHIUM NICKEL MANGANESE COBALT OXIDE CATHODES

(57) Abstract :

A positive electrode material is provided which is a blended combination of lithium nickel cobalt oxide (and aluminum substituted compounds thereof) and lithium nickel manganese cobalt oxide. Also provided is a non-aqueous electrolyte lithium secondary battery having high specific capacity and good thermal stability characteristics.

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

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : STABILIZED FORMULATIONS CONTAINING ANTI INTERLEUKIN 4 RECEPTOR (IL-4R) ANTIBODIES

 (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 	:A61K39/395,C07K16/28 :61/390283 :06/10/2010 :U.S.A. :PCT/US2011/054856 :05/10/2011 :WO 2012/047954 :NA :NA	 (71)Name of Applicant : 1)REGENERON PHARMACEUTICALS INC. Address of Applicant :777 Old Saw Mill River Road Tarrytown NY 10591 U.S.A. (72)Name of Inventor : 1)DIX Daniel B. 2)TANG Xiaolin
(61) Patent of Addition to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides pharmaceutical formulations comprising a human antibody that specifically binds to human interleukin 4 receptor (hlL 4R). The formulations may contain in addition to an anti hlL 4R antibody at least one amino acid at least one sugar or at least one non ionic surfactant. The pharmaceutical formulations of the present invention exhibit a substantial degree of antibody stability after storage for several months.

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

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 02/01/2015

(51) International classification	:C09D5/00	(71)Name of Applicant :
(31) Priority Document No	:61/266,184	1)BASF SE
(32) Priority Date	:03/12/2009	Address of Applicant :67056, LUDWIGSHAFEN Germany
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/068724	1)HUFFER, STEPHAN
Filing Date	:02/12/2010	2)WITTELER, HELMUT
(97) International Dublication No.	:WO 2011/067329	3)NICOLINI, FABIO
(87) International Publication No	Al	4)SUGIHARTO, ALBERT BUDIMAN
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ANTICORROSION PIGMENTS WITH POSITIVE ZETA POTENTIAL

(57) Abstract :

The present invention relates to the use of oxidic nanoparticles having an average particle size of 2 to 2000 nm in combination with at least one polycationic polymer as corrosion protection for metallic surfaces and also to a method of protecting metallic surfaces from corrosion, comprising the steps of: i) providing a formulation comprising oxidic nanoparticles (a) and at least one polycationic polymer (b) and an application medium, ii) applying the formulation to the metallic surface that is to be protected, and iii) optionally drying and/or heat-treating the surface.

No. of Pages : 21 No. of Claims : 14

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ACTIVATABLE BISPECIFIC ANTIBODIES

(51) International classification	:C07K16/00,C07K16/32,C07K16/28	(71)Name of Applicant : 1)ROCHE GLYCART AG
(31) Priority Document No	:10173915.9	Address of Applicant : Wagistrasse 18 CH 8952 Schlieren
(32) Priority Date	:24/08/2010	Switzerland
(33) Name of priority country	y:EPO	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/EP2011/064468 :23/08/2011	1)BRINKMANN Ulrich 2)CROASDALE Rebecca 3)METZ Silke 4)SCHANZER Juergen Michael
No	:WO 2012/025525	5)SUSTMANN Claudio
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)UMANA Pablo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The current invention relates to bispecific antibodies wherein the binding affinity to one of the two antigens is reduced and which can be activated by tumor or inflammation specific proteases and the preparation and use of such bispecific antibodies.

No. of Pages : 108 No. of Claims : 24

(22) Date of filing of Application :25/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESS FOR PRODUCING GLYCOSIDES OF ACRYLATE DERIVATES EMPLOYING POLYSACCHARIDES AND GLYCOSIDASES OR GLYCOSYLTRANSFERASES

(31) Priority Document No:10171323.8(32) Priority Date:29/07/2010(33) Name of priority country:EPO(86) International Application No:PCT/EP2011/062780Filing Date:26/07/2011	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)KELLER Harald 2)LOOS Katja 3)KLOOSTERMAN Wouter
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(57) Abstract :Ethylenically unsaturated glycosides of formula (I) wherein Y Y m A X R and R have the meanings given in the description are pro duced by reacting an ethylenically unsaturated compound of formula (II) with a polysaccharide comprising 10 or more monosaccharide units such as starch amylose amylopectin cellulose in the presence of a glycosidase such as an amylase cellulase glucosidase or and galactosidase or a glycosyltransferase such a cyclomaltodextrin glucanotransferase.

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

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 02/01/2015

 (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 	:B60K1/04,B60L3/00,B60L11/14 :2010246024 :02/11/2010 :Japan :PCT/JP2011/073613 :14/10/2011 :WO 2012/060195 :NA :NA :NA	 (71)Name of Applicant : 1)HONDA MOTOR CO. LTD. Address of Applicant :1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan (72)Name of Inventor : 1)GOTOU Yusuke 2)AMANO Atsushi 3)TOMOKAGE Ryoji 4)SUZUKI Tomoyuki 	

(54) Title of the invention : ELECTRIC AUTOMOBILE

(57) Abstract :

Provided is an electric automobile that can protect high voltage components from shocks during impact. The electric automobile (10) which has a motor room (24) that is separated from the cabin and partitioned at the front of the vehicle body (12) and that houses a driving motor (100) and a power control unit (30) that drives/controls the driving motor (100) is provided with: a pair of side frames (64 64) that extend in the front back direction of the vehicle body (12) at both sides of the vehicle body (12) of the motor room (24); and a unit support frame (44) that encloses the power control unit (30) on four sides and supports the power control unit (30). The unit support frame (44) is suspended from the pair of side frames (64 64) and is fastened to the pair of side frames (64 64). The power control unit (30) is supported by the unit support frame (44) at at least the sides excluding that in the backwards direction of vehicle body (12) of the four sides of the unit support frame (44).

No. of Pages : 32 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : DETECTION OF A MISSING STATOR SLOT WEDGE IN AN ELECTRICAL MACHINE

(51) International classification	:G01R31/34	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB RESEARCH LTD
(32) Priority Date	:NA	Address of Applicant : Affolternstrasse 44 CH 8050 Z ¹ / ₄ rich
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:PCT/EP2010/064975	(72)Name of Inventor :
Filing Date	:07/10/2010	1)PINTO Cajetan
(87) International Publication No	:WO 2012/045353	2)RODRIGUEZ Pedro
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A missing stator slot wedge (10) in an electrical machine can be detected by analysing a current spectrum of the machine in a high frequency area. A current spectrum is provided from a current measurement and values of the current spectrum in the high frequency area used to determine whether a stator slot wedge (10) is missing or not. The conclusion can be based on values of a relative current amplitude IdB or on presence of certain harmonics in the high frequency area.

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

(19) INDIA

(22) Date of filing of Application :19/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR OPERATING A CONVERTER AND A SWITCHING CELL AND A CONVERTER

(57) Abstract :

The invention relates to a method for operating a converter (1), wherein the converter (1) comprises a plurality of bridge branches (2) having one or more switching cells (3) connected in series, wherein each bridge branch (2) connects one of a plurality of inputs to one of a plurality of outputs of the converter (1), having the following steps: - each of the switching cells (3) is monitored in order to determine a fault; and - if a fault is identified in one of the switching cells (3), one of the triggering elements (41) for short-circuiting switching cell connections is triggered if the fault identified in the switching cell (3) is not followed by identification of a fault in a further one of the switching cells (3), in particular within a predetermined period of time.

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

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PEST CONTROL COMPOSITION

 (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 	:PCT/JP2011/067569 :25/07/2011 :WO 2012/017974	 (71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor : 1)IKARI Kaori
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A pest control composition containing a hydrazide compound represented by formula (1) wherein G M Q Q Q Q R R R R R and m represent the meanings described in the specification and an ester compound represented by formula (II) wherein X X X and X represent the meanings described in the specification; and a pest control method for applying the hydrazide compound represented by the formula (1) and the ester compound represented by the formula (II) to pests or to habitats of pests in the effective amounts thereof.

No. of Pages : 265 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A FOOD STE	EAMER	
 (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 	:A47J27/04 :10190777.2 :11/11/2010 :EPO	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)BJ–RK Anders Joel 2)SCHRATTER Bernhard 3)SCHMIED Christian Thomas

(57) Abstract :

The present invention relates to a food steamer. The food steamer comprises a food preparation chamber (2) a steam generator (3) communicating with the food preparation chamber (2) so that steam is able to flow from the steam generator (3) to the food preparation chamber (2) and a contaminant prevention means (8) configured to prevent the ingress of contaminants from the food preparation chamber (2) into the steam generator (3). The present invention also relates to an apparatus for preventing the ingress of contaminants from a food preparation chamber (2) into a steam generator (3) of a food steamer.

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

(19) INDIA

(22) Date of filing of Application :27/05/2011

(43) Publication Date : 02/01/2015

(54) Title of the invention : PHOTOINIT	IATOR MIXTURES	
 (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 	:C08F2/50 :08168145.4 :03/11/2008 :EPO :PCT/EP2009/063963 :23/10/2009 :WO 2010/060702 A1 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056, LUDWIGSHAFEN Germany (72)Name of Inventor : 1)STUDER, KATIA 2)VILLENEUVE, SEBASTIEN 3)MATSUMOTO, AKIRA 4)KURA, HISATOSHI 5)SULTEMEYER, JAN

(57) Abstract :

Photoinitiators mixture comprising (i) at least one compound selected from the group consisting of alpha-hydroxy ketones, monoacylphosphine oxides, bisacylphosphine oxides, ketosulfones, benzil ketals, benzoin ether, phenylglyoxylates, borates and titanocenes; and (ii) at least one compound of the formula (I) or (ITM) R1 R'1,R2 and R2' R'9 independently of each other for example are hydrogen or C1-C2alkyl R7, R8, R9, R'8 and R'9 independently of each other for example are hydrogen, C1-C12alkyl which optionally is substituted, exhibit excellent photoinitiating properties.

No. of Pages : 109 No. of Claims : 16

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A DEVICE COMPRISING A PLURALITY OF AUDIO SENSORS AND A METHOD OF OPERATING THE SAME

 (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 		 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)KECHICHIAN Patrick 2)VAN DEN DUNGEN Wilhelmus Andreas Marinus Arnoldus Maria
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(57) Abstract :

There is provided a method of operating a device the device comprising a plurality of audio sensors and being configured such that when a first audio sensor of the plurality of audio sensors is in contact with a user of the device a second audio sensor of the plurality of audio sensors is in contact with the air the method comprising obtaining respective audio signals representing the speech of a user from the plurality of audio sensors; and analyzing the respective audio signals to determine which if any of the plurality of audio sensors is in contact with the user of the device.

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

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTINUOUS MODE OPERATION FOR WIRELESS COMMUNICATIONS SYSTEMS (51) International classification :H04L1/16,H04L1/18 (71)Name of Applicant : (31) Priority Document No :61/305,490 1)QUALCOMM INCORPORATED (32) Priority Date :17/02/2010 Address of Applicant :5775 Morehouse Drive San Diego (33) Name of priority country California 92121 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/025340 (72)Name of Inventor : Filing Date :17/02/2011 1)HAO XU (87) International Publication No :WO/2011/103363 2)MADHAVAN S. VAJAPEYAM (61) Patent of Addition to Application **3)NAGA BHUSHAN** :NA Number **4)WANSHI CHEN** :NA Filing Date 5)DURGA PRASAD MALLADI (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Certain aspects of the present disclosure propose techniques for a continuous communications mode in a wireless communications system. The technique may involve processing bundles of transmission time interval (TTI) transmissions having transmission times that are mapped to voice-over-internet-protocol (VOIP) arrival times, wherein the bundled TTI transmissions are processed without acknowledgements to indicate the bundled TTI transmissions have been successfully received.

No. of Pages : 34 No. of Claims : 48

(22) Date of filing of Application :04/12/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : RESOURCE COORDINATION FOR PEER-TO-PEER GROUPS THROUGH DISTRIBUTED NEGOTIATION

 classification (31) Priority Document No :61/334,143 (32) Priority Date :12/05/2010 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number :NA 	3)RAVI PALANKI 4)ALEKSANDAR DAMNJANOVIC 5)PARAG ARUN AGASHE
Application Number :NA	
(62) Divisional to Application Number Filing Date :NA	

(57) Abstract :

Techniques for determining resources to use for peer-to-peer (P2P) communication are disclosed. In an aspect, a network entity may receive feedback information (e.g., resource usage information and/or channel state information) from P2P devices and may perform resource partitioning based on the feedback information to allocate some of the available resources for P2P communication. The allocated resources may observe little or no interference from devices engaged in wide area network (WAN) communication. In another aspect, P2P groups may perform resource negotiation via a WAN connection (e.g., with little or no involvement by the WAN) to assign the allocated resources to different P2P groups. In yet another aspect, a device may autonomously determine whether to communicate with another device directly or via a WAN, e.g., whether to initiate P2P communication with another device and whether to terminate P2P communication. In yet another aspect, a network entity may participate in resource negotiation by P2P devices.

No. of Pages : 60 No. of Claims : 64

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : BIOMARKER ASSAYS FOR DETECTING OR MEASURING INHIBITION OF TOR KINASE ACTIVITY

 (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 	:G01N33/573 :61/369455 :30/07/2010 :U.S.A. :PCT/US2011/045842 :29/07/2011 :WO 2012/016113 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIGNAL PHARMACEUTICALS LLC Address of Applicant :4550 Towne Centre Court San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)WONG Lilly 2)XU Shuichan 3)DING Jian Hua
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(57) Abstract :

Provided herein are methods for detecting and/or measuring the inhibition of TOR kinase activity in a subject and uses associated therewith.

No. of Pages : 74 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHT-EMITTING DEVICE, PRODUCTION METHOD THEREFOR, AND DISPLAY CONTAINING THE SAME

(57) Abstract :

The present invention provides a light-emitting device which includes, in the order mentioned, a light-emitting layer containing a light-emitting portion, an interference layer, and a fine concavo-convex pattern, wherein the interference layer is disposed over a second'surface of the light-emitting layer, which surface is opposite to a first surface of the light-emitting layer, and reflects, toward the first surface, light emitted from the light-emitting layer, and wherein the fine concavo-convex pattern has a cross-sectional shape which has portions projected and recessed with respect to the light-emitting layer, and reflects light emitted from the light-emitting layer.

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

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMPI	ROVED FUNGAL STRAINS	
(51) International classification(31) Priority Document No(32) Priority Date	:C12N1/14,C12N1/22,C13K1/02 :61/409186 :02/11/2010 :U.S.A. p:PCT/US2011/058780 :01/11/2011	 (71)Name of Applicant : 1)CODEXIS INC. Address of Applicant :200 Penobscot Drive Redwood City California 94063 U.S.A. (72)Name of Inventor : 1)BAIDYAROY Dipnath 2)DHAWAN Ish Kumar

(57) Abstract :

The present invention provides improved fungal strains. In some embodiments the improved fungal strains find use in hydrolyzing cellulosic material to glucose. The present invention also provides a fungal cell that has been genetically modified to reduce the amount of endogenous cellobiose dehydrogenase activity that is secreted by the cell wherein the fungal cell is from the family Chaetomiaceae wherein said cell comprises a deletion in the cellobiose dehydrogenase 1 () gene.

No. of Pages : 100 No. of Claims : 29

(22) Date of filing of Application :26/11/2009

(54) Title of the invention : TETRAHYDROISOQUINOLIN-1-ONE DERIVATIVE OR SALT THEREOF

 (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 	:2007-140097 :28/05/2007 :Japan :PCT/JP08/59621 :26/05/2008 :WO 2008/146774 A1 :NA :NA	 (71)Name of Applicant : 1)ASTELLAS PHARMA INC. Address of Applicant :3-11, NIHONBASHI-HONCHO 2- CHOME, CHUO-KU, TOKYO 103-8411 Japan (72)Name of Inventor : 1)HISAMICHI, HIROYUKI 2)SHIMADA, ITSURO 3)ISHIHARA, TSUKASA 4)TAKUWA, TOMOFUMI 5)SHIMIZU, TAKAFUMI 6)ISHIKAWA, NORIKO 7)MAENO, KYOICHI 8)SEKI, NORIO
Filing Date	:NA	

(57) Abstract :

To provide a pharmaceutical, in particular a compound which can be used as a therapeutic agent for irritable bowel syndrome (IBS). [Means for Solving Problems] It was found that a tetrahydroisoquinolin-l-one derivative having an amide group at the 4-position or a pharmaceutically acceptable salt thereof has an excellent bombesin 2 (BB2) receptor antagonistic action. It is also found that the tetrahydroisoquinolin-l-one derivative is highly effective on bowel movement disorders. From the above, the tetrahydroisoquinolin-l-one derivative of the present invention is useful as a therapeutic agent for diseases associated with a BB2 receptor, in particular IBS.

No. of Pages : 389 No. of Claims : 12

(22) Date of filing of Application :03/12/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : ORGANOPHILIC POLYSILSESQUIOXANE MEMBRANES FOR SOLVENT NANOFILTRATION AND PERVAPORATION

(51) International classification	:B01D71/02,B01D61/02,B01D61/36	1)STICHTING ENERGIEONDERZOEK CENTRUM
(-) -)	:2004724	NEDERLAND
	:17/05/2010	Address of Applicant :Westerduinweg 3 NL-1755 LE Petten
(33) Name of priority country	y:Netherlands	The Netherlands Netherlands
(86) International Application No Filing Date	:PCT/NL2011/050333 :16/05/2011	(72)Name of Inventor :1)KREITER Robert2)PARADIS Goulven Gildas
(87) International Publication No	¹ :WO/2011/145933	3)VENTE Jaap Ferdinand 4)CASTRICUM Hessel Lennart
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)TEN ELSHOF Johan Evert
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Selective retaining a relatively hydrophilic molecule from a mixture of a relatively hydrophobic molecule and the relatively hydrophilic molecule can be achieved using a hydrophobic microporous hybrid membrane based on silica wherein at least 25 % of the silicon atoms is bound to a bridging C1-C12-hyrdocarbylene group. The average number of carbon atoms of the bridging groups and any additional monovalent organic groups taken together is at least 3.5. The membrane can be part of a production facility for separating alcohol/water mixtures.

No. of Pages : 28 No. of Claims : 17

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SWARM INTELLIGENCE BASED METHODS TO ENABLE COOPERATIVE COMMUNICATION IN A MESH NETWORK

 (51) International classification (31) Priority Document Not (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 	:H04W40/02,H04L12/56,H04W84/18 :12/803,577 :30/06/2010 :U.S.A. :PCT/US2011/042419 :29/06/2011 :WO/2012/012185 :NA :NA :NA :NA	 (71)Name of Applicant : 1)INTEL CORPORATION Address of Applicant :2200 MISSION COLLEGE BLVD. SANTA CLARA CA 95052 USA U.S.A. (72)Name of Inventor : 1)WONG Wendy C. 2)OYMAN Ozgur 3)COX Timothy F. 4)LI Qinghua
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(57) Abstract :

A method and device are described for determining at a node in a mesh network cooperation with other nodes in forwarding messages and packets in a mesh network in an independent and distributed manner without real time handshake.

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

(21) Application No.183/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H04W8/00,H04W84/18	(71)Name of Applicant :
(31) Priority Document No	:61/357888	1)QUALCOMM INCORPORATED
(32) Priority Date	:23/06/2010	Address of Applicant :5775 Morehouse Drive San Diego
(33) Name of priority country	:U.S.A.	California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2011/040968	(72)Name of Inventor :
Filing Date	:17/06/2011	1)PALANKI Ravi
(87) International Publication No	:WO 2011/163088	2)BHUSHAN Naga
(61) Patent of Addition to Application	•NT A	3)MALLADI Durga Prasad
Number	:NA	_
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : EVENT TRIGGERED PEER DISCOVERY

(57) Abstract :

Techniques for supporting peer to peer (P2P) communication are disclosed. In an aspect a device performs peer discovery based on trigger events. In one design the device detects an event triggering peer discovery which may be an application becoming active on the device a change in the position of the device the device being turned on etc. The device performs peer discovery based on detection of the event triggering peer discovery. In one design the device starts peer discovery in response to detecting the trigger event. In another design the device changes at least one characteristic (e.g. the periodicity) of peer discovery in response to detecting the trigger event. In another design a device determines an application becoming active on the device. The device transmits a query (e.g. in a proximity detection signal) to request for a service from a peer device to support the application.

No. of Pages : 32 No. of Claims : 38

(22) Date of filing of Application :15/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS OF PERFORMING VIRTUAL CAMERA FUNCTIONS DURING PLAYBACK OF MEDIA CONTENT

(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant : BAGMANE LAKEVIEW, BLOCK 'B',
(86) International Application No	:NA	NO. 66/1, BAGMANE TECH PARK, C V RAMAN NAGAR,
Filing Date	:NA	BYRASANDRA, BANGALORE - 560 093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)GUNTUR, RAVINDRA
Filing Date	:NA	2)PATIL, RAVIKIRAN
(62) Divisional to Application Number	:NA	3)PRABHU, MAHESH KRISHNANANDA
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and apparatus for performing virtual camera functions during playback of media content on a computing device. Accordingly the invention describes a video player that performs virtual camera functions in a pre-recorded video. Upon receiving the selection of region of interest from the user the virtual camera automatically zooms-in/zooms-out/pans within the playback video, there by retargeting a viewport to screen dimensions. The selected region of interest appear magnified and in focus during playback of the video.

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

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

(54) Title of the invention : NOVEL CYCLIC BENZIMIDAZOLE DERIVATIVES USEFUL ANTI-DIABETIC AGENTS

(57) Abstract :

Novel compounds of the structural formula (I) are activators of AMP-protein kinase and are useful in the treatment, prevention and suppression of diseases mediated by the AMPK-activated protein kinase. The compounds of the present invention are useful in the treatment of Type 2 diabetes, hyperglycemia, metabolic syndrome, obesity, hypercholesterolemia, and hypertension.

No. of Pages : 131 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : NOVEL NICOTINAMIDE DERIVATIVES OR SALTS THEREOF

 (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 	:A61K31/44,A61K31/443 :2010150495 :30/06/2010 :Japan :PCT/JP2011/065530 :30/06/2011 :WO 2012/002577 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FUJIFILM CORPORATION Address of Applicant :26 30 Nishiazabu 2 chome Minato ku Tokyo 1060031 Japan (72)Name of Inventor : 1)FUJIWARA Hideyasu 2)SATO Kimihiko 3)MIZUMOTO Shinsuke 4)SATO Yuichiro 5)KURIHARA Hideki 6)KUBO Yohei 7)NAKATA Hiyoku 8)BABA Yasutaka 9)TAMURA Takashi 10)KUNIYOSHI Hidenobu 11)HAGIWARA Shinji 12)YAMAMOTO Mari
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(57) Abstract :

Provided are compounds having excellent Syk inhibitory activity and pharmaceutical compositions. Specifically provided are: nicotinamide derivatives represented by general formula (I) or salts thereof; and pharmaceutical compositions for the treatment of Syk related diseases which contain the nicotinamide derivatives or the salts thereof. In general formula (I) R is a halogen atom; R is C alkyl C alkenyl C alkynyl C cycloalkyl aryl aralkyl (wherein the alkyl moiety has 1 to 6 carbon atoms) or a heterocyclic group each being optionally substituted; R is aryl or a heterocyclic group each being optionally substituted; R and R are each a hydrogen atom or the like; and R and Rtogether with the nitrogen atom to which R and R are bonded may form an optionally substituted cyclic amino group.

No. of Pages : 729 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 02/01/2015

(51) International classification	:G02C7/08	(71)Name of Applicant :
(31) Priority Document No	:61/350,344	1)ELENZA INC.
(32) Priority Date	:01/06/2010	Address of Applicant :5238 Valleypointe Parkway Suite 6
(33) Name of priority country	:U.S.A.	Roanoke VA 24019 United States of America
(86) International Application No	:PCT/US2011/038597	(72)Name of Inventor :
Filing Date	:31/05/2011	1)WOODER Nicholas
(87) International Publication No	:WO/2011/153158	2)GUPTA Amitava
(61) Patent of Addition to Application	:NA	3)BLUM Ronald D.
Number	:NA :NA	4)MAZZOCCHI Rudy
Filing Date	.INA	5)SCHNELL Urban
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : IMPLANTABLE OPHTHALMIC DEVICE WITH AN ASPHERIC LENS

(57) Abstract :

Implantable ophthalmic devices with aspheric lenses and dynamic electro-active elements offer excellent depth of field and image quality while providing high optical throughput. An exemplary implantable ophthalmic device includes an aspheric lens with a negative spherical aberration that varies with radius. The aspheric lens can have peak optical powers at its geometric centers surrounded by a region of varying optical power (with varying slope) that extends radially from its center. When implanted these aspheric lenses provide an incremental optical power that varies as a function of pupil diameter which changes with object distance for viewing far intermediate and near objects. The aspheric lens may also bonded or integrally formed with a spherical lens that provides fixed optical power for viewing far objects and/or a dynamic electro-active element that with two or more states (e.g. on and off) for increasing the effective optical power when viewing near objects.

No. of Pages : 43 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ANTI-CONSTIPATION	COMPOSITI	ON
(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STRIDES ACROLAB LIMITED
(32) Priority Date	:NA	Address of Applicant :BILEKAHALLI, BENERGHATT
(33) Name of priority country	:NA	ROAD, BANGALORE - 560 076 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHETLAPALLI, SATYA SRINIVAS
(87) International Publication No	: NA	2)RAMACHANDRAPPA, ANIL KUMAR
(61) Patent of Addition to Application Number	:NA	3)PRASHANTH, VEERABHADRAPPA
Filing Date	:NA	4)DEVARAJAN, VEDACHALAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses stable soft gel pharmaceutical composition comprising Lubiprostone solubilized in Diethylene glycol monoethyl ether, wherein the composition comprises Lubiprostone in an amount of 8 to 24 meg solubilized in 100 mg of Diethylene glycol monoethyl ether.

No. of Pages : 7 No. of Claims : 4

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND APPARATUS FOR PROVIDING ROBUST CIRCUIT SWITCH FALL BACK PROCEDURE

 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 	:H04W48/08,H04W48/16,H04W36/00 :12/959256 :02/12/2010 :U.S.A. :PCT/US2011/063146 :02/12/2011 :WO 2012/075439 :NA :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)NGAI Francis Ming Meng 2)SHAHIDI Reza
Filing Date	:NA	

(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which a user equipment (UE) may obtain at least one of a plurality of circuit switched fall back (CSFB) parameters from at least one of an LTE eNodeB or a usable system wherein the plurality of CSFB parameters comprise a channel list a system time and a neighbor list and may perform one or more system acquisition actions based on the at least one of the plurality of obtained CSFB parameters.

No. of Pages : 45 No. of Claims : 35

(21) Application No.4397/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/06/2011

(43) Publication Date : 02/01/2015

(54) Title of the invention : HETEROCYC	LIC ANTIVIRAL COM	POUNDS
(51) International classification	:C07D405/04	(71)Name of Applicant :
(31) Priority Document No	:61/139,982	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:22/12/2008	Address of Applicant :124 GRENZACHERSTRASSE, CH-
(33) Name of priority country	:U.S.A.	4070 BASEL Switzerland
(86) International Application No	:PCT/EP2009/067028	(72)Name of Inventor :
Filing Date	:14/12/2009	1)LI, JIM
(87) International Publication No	:WO 2010/072598	2)SCHOENFELD, RYAN CRAIG
(87) International Fubilitation No	A1	3)STEINER, SANDRA
(61) Patent of Addition to Application	:NA	4)TALAMAS, FRANCISCO, XAVIER
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds having the formula I wherein A, R1, R2, R3, R4a5 R4b, R4c, R5, R6, R7, R7b, Ar1, Rc, lOfe Rd, Re, Rf, X, n and p are as defined herein are Hepatitis C virus NS5b polymerase inhibitors. Also disclosed are compositions and methods for treating an HCV infection and inhibiting HCV replication.

No. of Pages : 106 No. of Claims : 31

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : OXADIAZOLE BETA CARBOLINE DERIVATIVES AS ANTIDIABETIC COMPOUNDS (51) International classification :C07D471/04 (71)Name of Applicant : (31) Priority Document No 1)MERCK SHARP & DOHME CORP. :61/205,451 (32) Priority Date Address of Applicant :126 EAST LINCOLN AVENUE. :16/01/2009 (33) Name of priority country RAHWAY, NEW JERSEY 07065-0907 U.S.A. :U.S.A. (86) International Application No :PCT/US2010/020695 (72)Name of Inventor : Filing Date 1)DU. WU :12/01/2010 (87) International Publication No :WO 2010/083136 A1 2)HAGMANN, WILLIAM, K. (61) Patent of Addition to Application 3)HE, SHUWEN :NA Number 4)LAI, ZHONG :NA Filing Date 5)SHAH, SHRENIK, K. (62) Divisional to Application Number :NA 6)TRUONG, QUANG, T. Filing Date :NA

(57) Abstract :

Beta-carboline derivatives of structural formula I are selective antagonists of the somatostatin subtype receptor 3 (SSTR3) and are useful for the treatment of Type 2 diabetes mellitus and of conditions that are often associated with this disease, including hyperglycemia, insulin resistance, obesity, lipid disorders, and hypertension. The compounds are also useful for the treatment of depression and anxiety.

No. of Pages : 102 No. of Claims : 31

(21) Application No.7532/CHENP/2012 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENERGY TRANSFER FLUID DIAPHRAGM AND DEVICE

Filing Date:25/01/20111)LUCAS Timothy S.(87) International Publication No:WO/2011/097090(61) Patent of Addition to(61) Patent of Addition to:NAApplication Number:NAFiling Date:NA(62) Divisional to Application:NANumber:NAFiling Date:NA	 (86) International Application No	:25/01/2011	1)INFLUENT CORP.
	Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:WO/2011/097090	Address of Applicant :10201 Maple Leaf Court Ashland VA
	Filing Date (62) Divisional to Application	:NA	23005 United States of America
	Number	:NA	(72)Name of Inventor :

(57) Abstract :

An energy transfer fluid diaphragm including a diaphragm substrate including cutouts. The cutouts are covered with a sealing layer bonded to the diaphragm substrate. The cutouts are configured to bend thereby allowing displacement of a center portion of the diaphragm. The displacement of the center portion transfers energy to a fluid located adjacent to the diaphragm.

No. of Pages : 31 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :30/05/2011

(43) Publication Date : 02/01/2015

(51) International classification	:C08G77/445	(71)Name of Applicant :
(31) Priority Document No	:10 2008 043 944.4	1)WACKER CHEMIE AG
(32) Priority Date	:20/11/2008	Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-814737
(33) Name of priority country	:Germany	MUNCHENG Germany
(86) International Application No	:PCT/EP2009/065236	(72)Name of Inventor :
Filing Date	:16/11/2009	1)RAUTSCHEK, HOLGER
(87) International Publication No	:WO 2010/057855	2)BREHM, ELISABETH
(87) International Fublication No	A1	3)HERZIG, CHRISTIAN
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : ANTIFOAMING COMPOSITIONS

(57) Abstract :

Compositions comprising (A) polysiloxane copolymers that can be prepared by reacting, in a 1st step, organopolysiloxanes (1) comprising at least one Si-bonded hydrogen atom per molecule with substantially linear oligomers or polymer compounds (2) of the general formula: -(A-CnHm-A1!! (I), under the condition that the m units of (A-CnH2n) can be identical or different and, in a 2nd step, reacting the so obtained intermediate products (4) having H-A1 groups with organic compounds (5) comprising at least two isocyanate groups per molecule, and optionally with other compounds (7), (B) organopolysiloxane resins comprising units of the formula: R8g(R 0)hSiO(4.g.h)/2 (VI), optionally (C) polyether-modified siloxanes that are different from (A), optionally (D) organic compounds, optionally (E) water and optionally (F) additives, wherein the radicals and indices have the meanings indicated in claim 1, a method for the preparation thereof and use thereof-a,¬| atifoaming agents, in particular for defoaming aqueous surfactant formulations.

No. of Pages : 38 No. of Claims : 10

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : VINYLPYRIDINE RESIN FOR CATALYST CARRIERS AND METHOD OF MANUFACTURING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)CHIYODA CORPORATION Address of Applicant :12-1 Tsurumichuo 2-Chome Tsurumi- Ku Yokohama-shi Kanagawa 230-8601 Japan Japan (72)Name of Inventor : 1)YOU Zhixiong
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)MINAMI Takeshi 3)HASHIMOTO Chikako 4)UMEHARA Yoichi

(57) Abstract :

A vinylpyridine resin that is hardly pulverized and thermally decomposed such that the degradation of the catalytic activity is suppressed while having a pore volume and a specific surface area to maintain a sufficient catalytic activity, and also a method of manufacturing the vinylpyridine resin are provided. The resin represents: a volume ratio of the pores having a diameter of 3 through 5 nm to all the pores of not less than 4% and not more than 60%; a total pore volume of not less than 0.15 cc/g and not more than 0.35 cc/g; and a specific surface area of not less than 20 m2/g and not more than 100 m2/g. The resin can be manufactured by using a poor solvent and not less than 50 wt% and not more than 90 wt% of a good solvent as porous agent.

No. of Pages : 30 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : FUNCTIONAL IMAGE DATA ENHANCEMENT AND/OR ENHANCER

(31) Priority Document No:6(32) Priority Date:1(33) Name of priority country:U(86) International Application No:PFiling Date:1(87) International Publication No:W(61) Patent of Addition to Application:NNumber:NFiling Date:N(62) Divisional to Application Number:N	51/315053 18/03/2010 U.S.A. PCT/IB2011/050664	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS Netherlands (72)Name of Inventor : 1)CARMI Raz
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(57) Abstract :

A method for enhancing functional image data includes obtaining functional image data obtaining anatomical image data corresponding to the functional image data and generating enhanced functional image data by diffusing the functional image data based on the functional image data and the anatomical image data.

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

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR INCREASING DIMMING RANGE OF SOLID STATE LIGHTING FIXTURES

 (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 	:H05B33/08 :61/315229 :18/03/2010 :U.S.A. :PCT/IB2011/050865 :01/03/2011 :WO/2011/114250 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS Netherlands (72)Name of Inventor : 1)DATTA Michael 2)CAMPBELL Gregory 3)RABINER Mark
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(57) Abstract :

A device for controlling levels of light output by a solid state lighting load at low dimming levels includes a bleed circuit connected in parallel with the solid state lighting load. The bleed circuit includes a resistor and a transistor connected in series the transistor being configured to turn on and off in accordance with a duty cycle of a digital control signal when a dimming level set by a dimmer is less than a predetermined first threshold decreasing an effective resistance of the bleed circuit as the dimming level decreases. Fig.1

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

(21) Application No.7572/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : ELECTRONIC BALLAST FOR PARALLEL LAMP OPERATION WITH PROGRAM START :H05B41/295,H05B41/04 (71)Name of Applicant : (51) International classification :61/315656 (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. (32) Priority Date :19/03/2010 Address of Applicant :GROENEWOUDSEWEG 1 (33) Name of priority country EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS :U.S.A. (86) International Application No :PCT/IB2011/050752 Netherlands Filing Date (72)Name of Inventor: :23/02/2011 (87) International Publication No :WO/2011/114245 1)FANG Yuhong (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An electronic ballast for parallel lamp operation with program start including an electronic ballast for fluorescent lamps operably connected in parallel each of the fluorescent lamps having lamp filaments. The electronic ballast includes a current fed self oscillating inverter (110) and preheat windings (127) operably connected to the current fed self oscillating inverter (110) to provide filament power (134) to the lamp filaments during the preheat time. The current fed self oscillating inverter (110) includes an output transformer (112) having a primary output transformer winding (114) and a secondary output transformer winding (116) the secondary output transformer winding (116) being operably connected to provide lamp power (132) to the fluorescent lamps; and a switch circuit (118) operably connected in series with the primary output transformer winding (114) the switch circuit (118) having a switch (120) operably connected in parallel with an inductor (124).

No. of Pages : 24 No. of Claims : 19

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : MTOR KINASE INHIBITORS FOR ONCOLOGY INDICATIONS AND DISEASES ASSOCIATED WITH THE MTOR/P13K/AKT PATHWAY

(31) Priority Document No:61/(32) Priority Date:27/(33) Name of priority country:U.S(86) International Application No:PC'Filing Date:27/	 (71)Name of Applicant : 1)SIGNAL PHARMACEUTICALS, LLC Address of Applicant :4550 TOWNE CENTRE COURT, SAN DIEGO, CA 92121 U.S.A. (72)Name of Inventor : (72)HarRIS, ROY, L. (72)HarRIS, ROY, L. (70)PERRIN-NINKOVIC, SOPHIE (7)PERRIN-NINKOVIC, SOPHIE (7)PERRIN-NINKOVIC, SOPHIE (8)RIGGS, JENNIFER (9)SANKAR, SABITA (10)SAPIENZA, JOHN (11)SHEVLIN, GRAZIELLA (12)TEHRANI, LIDA (13)XU, WEIMING (14)ZHAO, JINGJING (15)PARNES, JASON (6)MADAKA-MUTIL, LOUI (7)FULTZ, KIMBERLY (8)NARLA, RAMA, K.
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(57) Abstract :

Provided herein are Heteroaryl Compounds having the following structure: R2 N (I) or (II) wherein Rl - R4 are as defined herein, compositions comprising an effective amount of a Heteroaryl Compound and methods for treating or preventing cancer, inflammatory conditions, immunological conditions, neurodegenerative diseases, diabetes, obesity, neurological disorders, age-related diseases, or cardiovascular' conditions, comprising administering an effective amount of a Heteroaryl Compound to a patient in need thereof.

No. of Pages : 221 No. of Claims : 60

(19) INDIA

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PARALLEL LINK ROL	ВОТ	
(51) International classification	:B25J	(71)Name of Applicant :
(31) Priority Document No	:2012- 022164	1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(32) Priority Date	:03/02/2012	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(33) Name of priority country	:Japan	0004 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAZUHIRO FUKUDOME
(87) International Publication No	: NA	2)NOBUHIKO MIHARA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A parallel link robot includes a first arm including a first joint portion; a second arm including a second joint portion swingably engaging with the first joint portion, the second arm being connected to the first arm to make up a link mechanism; and a biasing mechanism unit which biases the second joint portion toward the first joint portion. The biasing mechanism unit includes a connection member attached to the second arm and the connection member includes a locking portion configured to lock the connection member to the second arm.

No. of Pages : 57 No. of Claims : 13

(21) Application No.7565/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PRODUCING AN IMAGE OF A PHYSICAL OBJECT (51) International classification :G06T7/00 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :10305293.2 (32) Priority Date Address of Applicant :GROENEWOUDSEWEG 1 :24/03/2010 (33) Name of priority country EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS :EPO (86) International Application No :PCT/IB2011/051137 Netherlands Filing Date (72)Name of Inventor : :18/03/2011 (87) International Publication No :WO/2011/117789 **1)FLORENT Raoul** (61) Patent of Addition to Application 2)VAN DEN HOUTEN Peter W. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention relates to a system and a method for producing an image of a physical object and to a computer program element and a computer readable medium. In order to provide improved stent boost subtract also showing wire state information a system and a method are provided the method comprising the following steps: a) tracking a predetermined first feature (126) and a predetermined second feature (128) in a first plurality (114) of first images (116) which images reveal a first criterion (118); and determining a first feature transform; and determining second feature distortion vector fields relative to the first feature transform; b) associating and recording second feature distortion vector fields corresponding to at least two phase attributes (120); c) tracking the predetermined first feature (126) in at least one secondary image (142)

No. of Pages : 48 No. of Claims : 14

(22) Date of filing of Application :03/09/2012

(54) Title of the invention : METHOD AND DEVICE FOR DRIVING A GAS DISCHARGE LAMP

Filing Date .01/05/2011 (87) International :WO 2011/114248 Publication No :NA (61) Patent of Addition to :NA Application Number :NA (62) Divisional to :NA Application Number :NA WA :NA	 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to 	:17/03/2010 :EPO :PCT/IB2011/050854 :01/03/2011 :WO 2011/114248 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS Netherlands (72)Name of Inventor : 1)VANKAN Peter Johannes Wilhelmus 2)CHOW Wai Pang 3)HAASTRECHT Johannes Theodorus Jacobus van
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(57) Abstract :

A method for operating a fluorescent lamp (5) having a nominal power (WLa) and stabilized with an EM ballast (B) comprises the steps of during normal operation short- circuiting the lamp during a closing time interval (CTI) during each current period in order to operate the lamp at a reduced power. The method comprises the step of detecting whether the lamp is stabilized by means of an inductive ballast or by means of a capacitive ballast. If it is found that the ballast is capacitive the timing of the closing time interval (CTI) is set such that the closing time interval (CTI) has a first closing time segment (CTS1) immediately before a zero-crossing of the current having a first duration (1) higher than zero and a second closing time segment (CTS2) immediately after said zero-crossing of the current having a second duration (2) higher than zero

No. of Pages : 25 No. of Claims : 6

(21) Application No.7569/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SPEAKER SYSTEM AND METHOD OF OPERATION THEREFOR

 (51) International classification :H04R3/12,H04R1/32,F (31) Priority Document No :10156855.8 (32) Priority Date :18/03/2010 (33) Name of priority country :EPO (86) International Application No :PCT/IB2011/050904 Filing Date :03/03/2011 (87) International Publication No :WO/2011/114252 (61) Patent of Addition to :NA Filing Date :NA (62) Divisional to Application :NA Number :Filing Date :NA Na 	 H04S7/00 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS Netherlands (72)Name of Inventor : 1)DE BRUIJN Werner Paulus Josephus 2)LAMB William John
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(57) Abstract :

A speaker system comprises a first speaker (203) and a second speaker (205). A driving circuit receives an audio signal and comprises a first drive circuit (209) generating a first drive signal for the first speaker (203) in response to a first filtering of the audio signal with a first pass band. A second drive circuit (211) generates a second drive signal for the second speaker (205) in response to a second filtering having a second pass band which comprises a frequency band below the first pass band. A delay (213) delays the second drive signal relative to the first drive signal. The sound from the second speaker is directionally radiated with a directional radiation pattern having a notch towards the listening position (111).

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

(19) INDIA

(22) Date of filing of Application :01/08/2012

(43) Publication Date : 02/01/2015

 (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 	:PCT/US2011/021054 :13/01/2011 :WO/2011/094067 :NA	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave Grard F-75007 Paris France (72)Name of Inventor : 1)DANIEL S. STOOPS
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : RESPONDING TO CALL CONTROL EVENTS USING SOCIAL NETWORK APPLICATIONS

(57) Abstract :

The application is related to providing content to either a calling or called party, in particular in case of busy or no answer. Conventional call control directs a calling party to a voicemail service in case of busy or no answer or provides conventional ringback tones otherwise. However, these conventional solutions are considered to static in times of social networking services such as MySpace, Facebook, LinkedIn, Twitter, and Bebo which provide for real-time web and are therefore more dynamic. The idea underlying the present application is that the dynamic information of social networking services can be integrated in call control services by retrieving this information and providing it to the call participants. Instead of conventional voicemail, the caller can also be provided with call coverage options leaving a message on the Wall of the called partys Facebook page instead leaving a conventional voicemail messages. Implementation -wise conventional call control protocols such as SIP or SS7 are used as well as VoiceXML for the interface between call and web servers.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.6887/CHENP/2012 A (19) INDIA (22) Date of filing of Application :03/08/2012 (43) Publication Date : 02/01/2015 (54) Title of the invention : METHODS AND APPARATUS TO PERFORM RESIDUAL FREQUENCY OFFSET ESTIMATION AND CORRECTION IN IEEE 802.11 WAVEFORMS (51) International classification :H04L27/00 (71)Name of Applicant : (31) Priority Document No 1)OUALCOMM INCORPORATED :61/303.197 (32) Priority Date :10/02/2010 Address of Applicant :International IP Administration 5775 (33) Name of priority country Morehouse Drive San Diego California 92121-1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/024185 (72)Name of Inventor : Filing Date **1)HEMANTH SAMPATH** :09/02/2011 (87) International Publication No :WO/2011/100318 2)SAMEER VERMANI (61) Patent of Addition to Application **3)DIDIER JOHANNES RICHARD VAN NEE** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Methods and apparatus are provided for performing and utilizing residual frequency offset estimation and correction in Institute of Electrical and Electronics Engineers (IEEE) 802.11 waveforms. Certain aspects of the present disclosure provide a technique for enabling one to perform good channel estimation with a signal - to - noise ratio (SNR) > 33 dB, even in the presence of residual frequency errors. The residual frequency error can be measured on the basis of phase offsets among different symbols of the preamble. Further, certain aspects may enable one to support uplink Spatial Division Multiple Access (UL-SDMA), even in the presence of residual frequency offsets at the client side.

No. of Pages : 35 No. of Claims : 56

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD OF MAKING A BEARING RING A BEARING RING AND A BEARING

	:C21D1/06,B23K11/04,C23C8/22	
(31) Priority Document No	:10007227	1)AKTIEBOLAGET SKF
(32) Priority Date	:02/07/2010	Address of Applicant :S 415 50 Gteborg Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/SE2011/000099 :27/05/2011	1)DAHLMAN Patrik
(87) International Publication No	:WO 2012/002868	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method for manufacturing a bearing ring (14 34 36) from at least one steel bar (12) having ends. The method comprises the steps of forming said at least one steel bar (12) into at least one ring segment and flash butt welding the ends (12a 12b) of said at least one ring segment to make a ring. The method also comprises the step of carburizing at least part (C) of a surface (12c 12d) of said at least one steel bar (12) which is adjacent to said surface (12a 12b) that is to be flash butt welded prior to said flash butt welding.

No. of Pages : 18 No. of Claims : 11

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : REDUCING END-TO-END LATENCY FOR COMMUNICATING INFORMATION FROM A USER DEVICE TO A RECEIVING DEVICE VIA TELEVISION WHITE SPACE

(31) Priority Document No:61/309, 6(32) Priority Date:02/03/201(33) Name of priority country:U.S.A.	10Address of Applicant :International IP Administration 577510Morehouse Drive San Diego California 92121-1714 USA2011/026902U.S.A.11(72)Name of Inventor :
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(57) Abstract :

A system transmits human interface data (HID) as ancillary data to a television receiver over white space. Content on a user mobile device may be wirelessly displayed on an external display device. It may be desirable to have user interactions with the mobile device (such as controls for video games) displayed on the external display device in a manner that does not suffer from the latency of standard video being set to the display device. The HID may be captured and processed separately from the video data. The HID may be formed into a transport stream for transmission over white space. The HID may be included as ancillary data in the transport stream. Timestamps may be used to coordinate the transmission of the HID as well as its processing when received by a television receiver.

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

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ILLEGAL MODE CHANGE HANDLING (51) International classification :G06F9/30,G06F9/318,G06F9/38 (71)Name of Applicant : (31) Priority Document No :1013467.4 **1)ARM LIMITED** (32) Priority Date :11/08/2010 Address of Applicant :110 Fulbourn Road Cherry Hinton (33) Name of priority country Cambridge CB1 9NJ U.K. :U.K. (86) International Application (72)Name of Inventor : :PCT/GB2011/051095 **1)GRISENTHWAITE Richard Roy** No :13/06/2011 Filing Date (87) International Publication No:WO 2012/020238 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A data processing system (2) supporting multiple modes of operation is provided with illegal change detecting circuitry (22) which detects attempts by program instructions to perform an illegal change of mode e.g. such as a change to a higher level of privilege in response to execution of a mode changing program instruction or an exception return instruction. If such a change is detected then an illegal change bit CPSR.IL is set. An instruction decoder (12) is responsive to the illegal change bit having a set value to treat subsequent program instructions as undefined instructions. These undefined instructions may then trigger an undefined instruction exception or other type of response.

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

(21) Application No.1994/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013

(43) Publication Date : 02/01/2015

(51) International classification	:G06F9/30,G06F7/76	(71)Name of Applicant :
(31) Priority Document No	:1019798.6	1)ARM LIMITED
(32) Priority Date	:23/11/2010	Address of Applicant :110 Fulbourn Road Cherry Hinton
(33) Name of priority country	:U.K.	Cambridge CB1 9NJ U.K.
(86) International Application No	:PCT/GB2011/051841	(72)Name of Inventor :
Filing Date	:29/09/2011	1)SEAL David James
(87) International Publication No	:WO 2012/069798	2)GRISENTHWAITE Richard Roy
(61) Patent of Addition to Application	:NA	3)STEPHENS Nigel John
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		

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

(57) Abstract :

A data processing apparatus (2) comprises a processing circuit (4) and instruction decoder (6). A bitfield manipulation instruction controls the processing apparatus (2) to generate at least one result data element from corresponding first and second source data elements src1 src2. Each result data element includes a portion corresponding to a bitfield bf of the corresponding first source data element src1. Bits of the result data element that are more significant than the inserted bitfield bf have a prefix value p that is selected based on a control value specified by the instruction as one of a first prefix value having a zero value a second prefix value having the value of a portion of the corresponding second source data element src2 and a third prefix value corresponding to a sign extension of the bitfield bf of the first source data element src1.

No. of Pages : 76 No. of Claims : 26

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD OF MAKING METAL STRIP AND PLANT FOR CARRYING OUT THE METHOD(51) International classification
(31) Priority Document No
(32) Priority Date:B21B1/26
:10 2008 061 206.5
:09/12/2008(71)Name of Applicant :
1)SMS SIEMAG AKTIENGESELLSCHAFT
Address of Applicant :EDUARD-SCHLOEMANN-STRASSE

(32) Thomy Date	.09/12/2008	Address of Applicant .EDUARD-SCHEOEMANN-STRASSE
(33) Name of priority country	:Germany	4, 40237 DUSSELDORF Germany
(86) International Application No	:PCT/EP2009/008795	(72)Name of Inventor :
Filing Date	:09/12/2009	1)FRANZ, ROLF
(87) International Publication No	:WO 2010/066412	2)SPITZER, KARL-HEINZ
	A1	3)EICHHOLZ, HELLFRIED
(61) Patent of Addition to Application	:NA	4)SCHAPERKOTTER, MARKUS
Number	.INA	
	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
11		
Filing Date	:NA	

(57) Abstract :

Abstract The invention relates to a method and to a production line lor producing hot-rolled strips of metal, wherein the cast strip, as a leader strip, initially runs through a first process for homogenizing the microstructure under shield gas, and the leader strip is then subjected to at least one further heal treatment before it is subsequentialry subjected to a rolling process for reducing the thickness. After the thickness reduction, the leader strip runs through a second process for homogenizing and recryBtallizing the microstructure thereof, before the leader strip finally travels through a cutting device and is cut off from the following leader strip as a completely rolled hot-rolled strip.

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

(21) Application No.7559/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF ENDONUCLEASES FOR INSERTING TRANSGENES INTO SAFE HARBOR LOCI (51) International classification :C12N9/22 (71)Name of Applicant : (31) Priority Document No **1)CELLECTIS** :10305202.3 (32) Priority Date Address of Applicant :102 avenue Gaston Roussel F-93235 :26/02/2010 (33) Name of priority country Romainville Cedex France :EPO (86) International Application No :PCT/EP2011/052916 (72)Name of Inventor: Filing Date **1)DANOS Olivier** :28/02/2011 (87) International Publication No :WO/2011/104382 2)DUCLERT Aymeric (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention concerns the endonucleases capable of cleaving a target sequence located in a safe harbor loci i.e. a loci allowing safe expression of a transgene. The present invention further concerns the use of such endonucleases for inserting transgenes into a cell tissue or individual.

No. of Pages : 106 No. of Claims : 20

(22) Date of filing of Application :05/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR SWITCHING TRAFFIC STREAMS AMONG MULTIPLE BANDS

(31) Priority Document No :	:H04B7/24,H04B1/50,H04W80/02 :61/327,757 :26/04/2010 :U.S.A	 (71)Name of Applicant : 1)INTEL CORPORATION Address of Applicant :2200 MISSION COLLEGE BLVD. SANTA CLARA CA 95052 USA
 (86) International Application No Filing Date (87) International Publication 	:PCT/US2011/033886 :26/04/2011 :WO/2011/139670	(72)Name of Inventor : 1)CORDEIRO Carlos
Application Number Filing Date (62) Divisional to Application	:NA :NA :NA	

(57) Abstract :

A multiband station a system and a method of setting a traffic steam or a block acknowledgement with a second multiband station on a first frequency band and a first channel. The multiband station may send a request on a second channel and a second frequency by including a channel a frequency band and medium access control (MAC) address information as part of the request and response exchange.

No. of Pages : 23 No. of Claims : 25

(21) Application No.3508/CHENP/2013 A

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS FOR INTERNALLY TREATING PIPES

 (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 	:B05B13/06,B05D7/22,B24C3/32 :10 2010 047 589.0 :07/10/2010 :Germany :PCT/EP2011/005009 :07/10/2011 :WO 2012/045466 :NA :NA :NA	 (71)Name of Applicant : 1)XERVON GMBH Address of Applicant : An der Landwehr 2 45883 Gelsenkirchen Germany 2)TECHNO COAT SA (72)Name of Inventor : 1)KREISELMAIER Richard
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(57) Abstract :

The invention relates to an apparatus for internally treating pipes in particular coolant pipes of steam condensers and heat exchangers comprising a supply unit (V) for introducing and conveying treatment material an application unit (A) for applying the treatment material introduced by the supply unit and also a control unit for monitoring and controlling the supply of treatment material and the application of the treatment material to inner walls of pipes wherein the application unit (A) has a flexible guide tube (21) with a flexible application tube (18) which is guided in the flexible guide tube (21) can be inserted into the pipe to be treated and ends in a nozzle wherein the flexible application tube (18) can be wound up in a single layer on a driven drum (17) and can be secured on the drum (17) via tensioning belts the flexible application tube (18) can be moved forward and back via guide rollers (27) arranged on a moving carriage (55) the guide rollers (27) have a drive (29) which is synchronized with the drive (19) of the drum (17) and the moving carriage (55) can be moved parallel to the drum axis depending on the extended state of the flexible application tube (18).

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR STORING DATA IN AN ELECTRONIC DEVICE BASED ON MEMORY SPACE AVAILABILITY

 (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 	:G06F :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS COMPANY Address of Applicant :416 MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742 Republic of Korea (72)Name of Inventor : 1)SUBRAMANIAN MUTHUKUMAR
 (67) International Fublication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	2)REVOTI PRASAD BORA

(57) Abstract :

A method and system for storing data in an electronic device based on memory space availability is provided. The method includes determining a copy request, comparing a source file size with a destination storage medium size, creating memory space, in the destination storage medium, by performing a plurality of actions, and copying the source file into the destination storage medium. The system includes a communication interface for establishing communication, a memory that stores instructions and a processor responsive to the instructions to determine a copy request, comparing a source file size with a destination storage medium size, creating memory space, in the destination storage medium, by performing a plurality of actions and copying the source file into the destination storage medium size, creating memory space, in the destination storage medium, by performing a plurality of actions and copying the source file into the destination storage medium.

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

(19) INDIA

(22) Date of filing of Application :06/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLUID SUP		
(51) International classification	:F16H57/04,F16H61/00	(71)Name of Applicant :
(31) Priority Document No	:1003099.7	1)TOROTRAK (DEVELOPMENT) LIMITED
(32) Priority Date	:24/02/2010	Address of Applicant :1 Aston Way Leyland Lancashire PR26
(33) Name of priority country	:U.K.	7UX United Kingdom
(86) International Application No	:PCT/GB2011/050340	(72)Name of Inventor :
Filing Date	:22/02/2011	1)FULLER John William Edward
(87) International Publication No	:WO 2011/104533	
(61) Patent of Addition to Application	.NT 4	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus is disclosed for supplying fluid to a continuously variable transmission which has a lubrication system and at least one transmission control system. The apparatus comprises first and second pumps (120 122). The first pump has an output which is connectable to the lubrication system through a supply control valve arrangement (132). The second pump has an output which is connectable to the transmission control system. The apparatus has a transfer passage (128) through which the first pump can be connected to the transmission control system. The supply control valve arrangement is adapted to selectively throttle supply of fluid from the output of the first pump to the lubrication system in order to cause fluid output from the first pump to be diverted through the transfer passage to the transmission control system.

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

(19) INDIA

(22) Date of filing of Application :06/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : A SIMULAT	ED CIGARETTE	
 (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 	:A24F47/00,A61M15/06 :1003552.5 :03/03/2010 :U.K. :PCT/GB2011/000285 :02/03/2011 :WO 2011/107737 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KIND CONSUMER LIMITED Address of Applicant :79 CLERKENWELL ROAD LONDON EC1R 5AR UNITED KINGDOM (72)Name of Inventor : 1)HEARN Alex 2)MCDERMENT Iain

(57) Abstract :

A simulated cigarette device containing a pressurised reservoir (5) of inhalable composition and an outlet valve (7) controlling the output of the inhalable composition. A capillary plug (30) extends from the vicinity of the outlet to fill a substantial portion of the reservoir and is configured to wick the inhalable composition towards the outlet valve.

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

(19) INDIA

(22) Date of filing of Application :13/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ROTATING ELECTRICAL MACHINE FOR VEHICLE AND METHOD FOR MANUFACTURING STATOR FOR USE IN ROTATING ELECTRICAL MACHINE

 (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 	:H02K3/04,H02K15/06 :NA :NA :NA :PCT/JP2010/072493 :14/12/2010 :WO 2012/081087 :NA :NA :NA :NA	 (71)Name of Applicant : 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor : 1)HASEGAWA Kazuya 2)TANAKA Kazunori 3)IMAZAWA Yoshiro 4)HARADA Yoshihiro
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(57) Abstract :

The present invention provides a rotating electrical machine for a vehicle and a method for manufacturing a stator for use in the rotating electrical machine turned sections of a winding wire assembly are overlapped in the radial direction and constitute the coil end of a stator winding wire. The width in the radial direction of the turned sections increases in the order of the outer layer inner layer and intermediate layer. The winding wire assembly which uses strands having a large cross sectional area can be mounted on a stator iron core. The rotating electrical machine can suppress the bulge of a group of coil ends in the radial direction and avoid interference with a housing or a rotor. The stator winding wire of the present invention has a winding wire assembly laminated in three or more layers in the radial direction around a stator iron core such that slot housing sections are arranged in one line inside slots in the direction of the turned section of the turned section of the winding wire assembly located in the center the turned section of the winding wire assembly located on the outer side.

No. of Pages : 50 No. of Claims : 5

(21) Application No.7611/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR ENHANCING HIGH DATA RATE UPLINK OPERATIONS

 (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 	:61/314,080 :15/03/2010 :U.S.A. :PCT/US2011/028554 :15/03/2011 :WO 2011/116016 :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America U.S.A. (72)Name of Inventor : 1)HOU Jilei 2)CUI Shengshan 3)ZHANG Danlu 4)MOHANTY Bibhu
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(57) Abstract :

A method and apparatus for enhancing uplink operations in a CDMA system is provided. The method may include receiving a rate control value and a transmit power value from a node B wherein the rate control value is determined through uplink scheduling by the node B and wherein the transmit power value is selected by the node B to maintain a signal to interference plus noise (SINR) metric within a threshold for a pilot channel transmitting control channel information at a first power level determined from the transmit power value and using a first average power tracking unit to generate the first selected transmit power and transmitting data channel information at a second power level determined from both the rate control value and the transmit power value.

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

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND APPARATUS FOR BEST-EFFORT RADIO BACKHAUL AMONG CELLS ON UNLICENSED OR SHARED SPECTRUM

 (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 	:H04W72/04 :61/314,940 :17/03/2010 :U.S.A. :PCT/US2011/028895 :17/03/2011 :WO 2011/116240 :NA :NA :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)BARBIERI Alan 2)BHUSHAN Naga 3)GAAL Peter
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(57) Abstract :

Methods and apparatus for wireless communication are described. A first base station may provide first backhaul information using a shared channel to a second base station. The shared channel may be white space channels Authorized Shared Multiuser (ASM) channels or an Instrumentation Scientific and Measurement (ISM) channels. The first base station may further provide second backhaul information using a legacy backhaul channel.

No. of Pages : 68 No. of Claims : 80

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTROLLING A OXYGEN LIQUEFACTION SYSTEM RESPONSIVE TO ADISTURBANCE IN SUPPLIED POWER

(51) International classification	:F25B49/00	(71)Name of Applicant :
(31) Priority Document No	:61/317438	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:25/03/2010	Address of Applicant : GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/050782	(72)Name of Inventor :
Filing Date	:24/02/2011	1)WERNE Tory Deane
(87) International Publication No	:WO 2011/117765	2)CHENG Kwok Chi
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

Normal operation of an oxygen liquefaction system (100) may be established responsive to a deviation in current supplied thereto. Current being supplied to a compressor (118) included in the oxygen liquefaction system may be monitored. The compressor may be deactivated responsive to commencement of a current level deviation event in the monitored current. The compressor may be energized responsive to cessation of the current level deviation event in the monitored current. Performance characteristics of the oxygen liquefaction system may be identified.

No. of Pages : 19 No. of Claims : 15

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROTECTIVE COATING COMPOSITION

 (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 (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Date (64) Patent of Addition to (65) Divisional to (66) Divisional to (66) Date (7) Application Number Filing Date (7) Application Number ((71)Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A. (72)Name of Inventor : 1)NERCISSIANTZ Ara Z. 2)SILVERS Gary M.
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(57) Abstract :

A protective coating composition comprises an acrylic resin a reactive polyorganosiloxane or precursor

therefor hexamethyldisiloxane and a solvent system. The coating composition may be applied to surfaces such as painted metal surfaces as may be found in motor vehicles.

No. of Pages : 27 No. of Claims : 39

(22) Date of filing of Application :13/05/2013

(54) Title of the invention : CYANOENAMINES AND THEIR USE AS FUNGICIDES

NoNomen of priority Date15/11/2010Nomen of Inventor :(32) Priority Date:15/11/2010:2PO(33) Name of priority country:EPO:1)BENTING J¼rgen 2)WACHENDORFF NEUMANN Ulrike(86) International Filing Date:PCT/EP2011/069898 :11/11/2011:DUBOST Christophe 5)GENIX Pierre(87) International Publication No (61) Patent of Addition to Filing Date:WO 2012/065905:ONA :NA :NA :NA(62) Divisional to Filing Date:NA :NA :NA:NA :NA:NA :NA	 (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 	:EPO :PCT/EP2011/069898 :11/11/2011 :WO 2012/065905 ^{TO} :NA :NA :NA	 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim am Rhein Germany (72)Name of Inventor : BENTING J¼rgen WACHENDORFF NEUMANN Ulrike DESBORDES Philippe DUBOST Christophe GENIX Pierre NARABU Shinichi
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(57) Abstract :

The present invention relates to cyanoenamine derivatives their process of preparation intermediate compounds their use as fungicide active agents particularly in the form of fungicide compositions and methods for the control of phytopathogenic fungi notably of plants and in material protection using these compounds or compositions.

No. of Pages : 73 No. of Claims : 6

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:G06F15/173	(71)Name of Applicant :
(31) Priority Document No	:12/710,712	1)BANK OF AMERICA CORPORATION
(32) Priority Date	:23/02/2010	Address of Applicant :NC1-027-20-05 214 N. Tryon Stree
(33) Name of priority country	:U.S.A.	Charlotte North Carolina 28255 United States of America
(86) International Application No	:PCT/US2011/025610	(72)Name of Inventor :
Filing Date	:21/02/2011	1)RANGARAJAN Anuradha
(87) International Publication No	: NA	2)SKILJAN Margie
(61) Patent of Addition to Application	:NA	3)EDWARDS Tim M.
Number		4)GILL Davindar
Filing Date	:NA	5)BUCHHOP Peter K.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CONTENT SERVICE BUS FRAMEWORK

(57) Abstract :

Electronic content is routed and stored within an enterprise in which a distributed service-oriented architecture platform is provided to seamlessly route and store content to heterogeneous enterprise content repositories. Dynamic content may be stored retrieved and queried in real-time through a content service bus (CSB) thus eliminating the need to have point-to-point connectivity between client applications and the destination repositories while supporting the flexibility to consolidate multiple platforms with minimal impacts to clients. The CSB framework may incorporate underlying technologies including Web services intelligent routing based on content message transformation and federation of content. A request may be routed to the appropriate content repository based on attached content or metadata in the request and transformed by the CSB to a format required by the determined content repository. The requestor is subsequently provided a response from the content repository in a consistent manner for all of the content repositories.

No. of Pages : 34 No. of Claims : 26

(21) Application No.7762/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : AUTOMATIC POSITIONING OF ABSORPTION MEANS IN X-RAY IMAGE ACQUISITION :A61B6/03,A61B6/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :10305332.8 (32) Priority Date :31/03/2010 Address of Applicant : GROENEWOUDSEWEG 1 (33) Name of priority country EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS :EPO (86) International Application No :PCT/IB2011/051255 (72)Name of Inventor : Filing Date 1)AUVRAY Vincent M. A. :24/03/2011 (87) International Publication No :WO 2011/121502 2)FLORENT Raoul (61) Patent of Addition to Application 3)DEN HARTOG Willem F. :NA Number 4)VAN DEN HOUTEN Peter W. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to automatic absorption means positioning in X- ray image acquisition. To improve image quality and to optimize the radiation exposure of an object optimal position for X-ray absorption means is provided. A first sequence (113) of X- ray images is acquired (112). For each of the images the optimal position (115) for X-ray absorption means is determined (114). A second sequence (117) of X-ray images is associated 10 (116) with corresponding images of the first sequence. The determined optimal position for the absorption means (14) of the associated corresponding images of the first sequence (113) is selected for an acquisition of the second sequence (117). Hence a situation-specific database with optimized positions for the absorption means is generated on behalf of the first sequence in order to provide the generated position information for the actual acquisition of a 15 second sequence of images.

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

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : AUTOMATED IDENTIFICATION OF AN ANATOMY PART

 (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 	:A61B6/12,A61B19/08,A61B8/08 :10305333.6 :31/03/2010 :EPO :PCT/IB2011/051262 :24/03/2011 :WO/2011/121504 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)FLORENT Raoul 2)DEN HARTOG Willem Frederik 3)AUVRAY Vincent Maurice Andre
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(57) Abstract :

The present invention relates to a device 10 for automatically identifying a part 20a 20b of an anatomy structure comprising several parts 20a 20b in which anatomy structure an intervention device 21 resides. The device 10 comprises a feature extraction unit 11 and an anatomy part classification unit 13. The feature extraction unit 11 uses provided image content data ICD to extract at least one characterizing feature DS of the appearance of 10 the intervention device 21. The anatomy part classification unit 13 correlates the at least one characterizing feature DS with provided classifier data CD which are characteristic for a projection feature of the intervention device 21 viewed under certain geometry of an imaging system 30. After correlating the anatomy part classification unit 13 determines in which part 20a 20b of the anatomy structure comprising several parts 20a 20b the intervention device 2115 is located.

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

(21) Application No.10838/CHENP/2012 A

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

(43) Publication Date : 02/01/2015

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

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	5	 (71)Name of Applicant : 1)MAGIC PRODUCTION GROUP S.A. Address of Applicant :Findel Business Center Complexe B Rue de Tr[°]ves L 2632 Findel Luxembourg (72)Name of Inventor : 1)VACCARELLA Paolo
(87) International Publication No	:WO 2012/001582	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A device for inserting sheet like elements (F) in respective containers (C) including: first pick up members (12) for picking up the sheet like elements (F) in a flat condition a transfer device (16) including reception cavities (164) wherein the first pick up members (12) insert the sheet like elements (F) carried thereby in a flat condition allowing them to take a U shape as a result of being inserted in the reception cavities (164) and second pick up members (200) with a finger like shape adapted to be inserted in the reception cavities (164) for picking up the sheet like elements (F) and insert them in respective containers (C).

No. of Pages : 30 No. of Claims : 13

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:H04W72/04	(71)Name of Applicant :
(31) Priority Document No	:61/108,287	1)QUALCOMM INCORPORATED
(32) Priority Date	:24/10/2008	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2009/061947	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:23/10/2009	(72)Name of Inventor :
(87) International Publication No	:WO 2010/048577 A1	1)FATIH ULUPINAR
(61) Patent of Addition to Application	:NA	2)GAVIN B. HORN
Number	:NA	3)PARAG A. AGASHE
Filing Date	.11/A	4)NATHAN E. TENNY
(62) Divisional to Application Number	:NA	5)YONGSHENG SHI
Filing Date	:NA	

(54) Title of the invention : BEARER QOS MAPPING FOR CELL RELAYS

(57) Abstract :

Systems and methodologies are described that facilitate mapping multiple evolved packet system (EPS) bearers to a single relay eNB radio bearer. In particular, an upstream eNB can select a radio bearer of a downstream eNB for association to an EPS bearer; the selection can be based on a best effort match or substantially any logic. The upstream eNB can store an association between the radio bearer and EPS bearer for subsequent downstream packet routing. The upstream eNB can also provide an indication of the selected radio bearer to the downstream relay eNB to facilitate upstream packet routing therefrom. The upstream eNB can alternatively select the radio bearer of the downstream eNB for association to the EPS bearer based on a quality of service (QoS) class identifier (QCI) of the EPS bearer.

No. of Pages : 57 No. of Claims : 80

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SWITCHING CIRCUIT FOR SWITCHING ELECTRIC POTENTIALS

 (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 	:H03K17/10,H03K17/567,H03K17/785 :10157449.9 :24/03/2010 :EPO :PCT/IB2011/051161 :21/03/2011 :WO 2011/117796 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)MUELLER Helmut
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(57) Abstract :

The invention is directed to a switching circuit (1) for switching electric potentials such as a capacitive high voltage load in an X-ray generator (14). The switching circuit is structured into plural stages (2) having an electronic switch (6 Ml- M3) wherein the electronic switches of the different stages are arranged in series in order to form a series conduction line for switching the electric potentials. The plural stages draw energy from the series conduction line during the time period when the series conduction line is blocked and charge an energy storage. This stored energy can be utilized for closing the series conduction line and maintaining this closed state. Further the invention relates to a method for discharging an electric load by means of a switching circuit and a high voltage generator an X-ray generator and a medical imaging system having such a switching circuit.

No. of Pages : 20 No. of Claims : 13

(21) Application No.7751/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CARRIER FOR A LIGHT EMITTING DEVICE

 (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 	PCT/IB2011/051237 :23/03/2011 :WO 2011/117832 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS Netherlands 2)PHILIPS LUMILEDS LIGHTING COMPANY LLC (72)Name of Inventor : 1)BIERHUIZEN Serge Joel Armand
(62) Divisional to Application Number Filing Date	n:NA :NA	

(57) Abstract :

A semiconductor light emitting device (10) is mounted on a support substrate (12). The support substrate is disposed in an opening in a carrier (16). In some embodiments the support substrate is a ceramic tile and the carrier is a low cost material with a lateral extent large enough to support a lens (22) molded over or attached to the carrier.

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

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : A SYSTEM AND A METHOD FOR CONTROLLING AN ENVIRONMENTAL PHYSICAL CHARACTERISTIC A COMPUTER PROGRAM PRODUCT A COLOR AND INTENSITY TUNABLE LAMP AND AN ELECTRONIC DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/IB2011/051094	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)DE WAELE Stijn
Filing Date	:16/03/2011	
(87) International Publication No	:WO 2011/117777	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system (100) and a method for controlling an environmental physical characteristic in an environment of a person (105) a color and intensity tunable lamp an electronic device and a computer program product are provided. The system (100) comprises an environment influencing means (102) a sensor (104) an input means (134) and a controller (130). The environment influencing means (102) changes the environmental physical characteristic in response to a control signal (112) indicating a desired influencing of the environmental physical characteristic. The sensor (104) obtains a sensor signal (122) representing a physiological condition of the person (105). The input means (134) obtains a user setting signal (132) representing a user setting with respect to the environmental physical characteristic. The controller (130) receives the sensor signal (122) and the user setting signal (132) and generates the control signal (112) by applying an original function (114) to the sensor signal (122).

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

(19) INDIA

(22) Date of filing of Application :04/06/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : PREPARATION OF MIRABEGRON AND ITS INTERMEDIATES

		(71)Name of Applicant :
(51) International classification	:C07C	
(31) Priority Document No	:NA	Address of Applicant :8-2-337 Road No. 3 Banjara Hills
(32) Priority Date	:NA	Hyderabad Andhra Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Vedantham Ravindra
Filing Date	:NA	2)Vyala Sunitha
(87) International Publication No	: NA	3)Boini Ambaiah
(61) Patent of Addition to Application Number	:NA	4)Tirunagari Vijay Kumar
Filing Date	:NA	5)Vilas Hareshwar Dahanukar
(62) Divisional to Application Number	:NA	6)Javed Iqbal
Filing Date	:NA	7)Oruganti Srinivas
-		8)Kandagatla Bhaskar

(57) Abstract :

Aspects of the present application relate to processes for the preparation of Mirabegron and its intermediates which are used in the manufacturing of Mirabegron. One of the process involves the reaction of (R)-styrene oxide with 4-nitrophenylethylamine or its salts to provide (R)-2-[[2-(4-nitrophenyl)-ethyl]amino]-1-phenylethanol compound of Formula II or its salts which upon reduction results (R)-2-[[2-(4-aminophenyl)ethyl]-amino]-1-phenylethanol compound of Formula III or its salts which upon coupling with 2-aminothiazol-4-yl-acetic acid or its salts yield Mirabegron.

No. of Pages : 39 No. of Claims : 10

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : OPTIMIZED NUTRITIONAL FORMULATIONS METHODS FOR SELECTION OF TAILORED DIETS THEREFROM AND METHODS OF USE THEREOF

(51) International classification:A23L1/29,A23L1/302,A23L1/304		
(31) Priority Document No	:61/393235	1)ASHA NUTRITION SCIENCES INC.
(32) Priority Date	:14/10/2010	Address of Applicant : P.O. Box 1000 Palo Alto California
(33) Name of priority country	:U.S.A.	94302 U.S.A.
(86) International Application		(72)Name of Inventor :
No	:PCT/US2011/056463	1)BHAGAT Urvashi
Filing Date	:14/10/2011	
(87) International Publication	:WO 2012/051591	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.INA	
(62) Divisional to Application		
Number	INA	
Filing Date	:NA	

(57) Abstract :

Nutritional compositions and formulations that optimize nutritional contents are provided. Dietary compositions and methods for tailoring such compositions to optimize levels of nutrients that have beneficial effects within specific ranges are provided. Dietary plans and formulations comprising dietary products that comprise optimized levels of nutrients derived from phytochemicals antioxidants vitamins minerals lipids proteins carbohydrates probiotics prebiotics microorganisms and fiber. Diet plans and modular nutritional packages comprising food and drink items tailored according to consumer patterns typed by diet age size gender medical conditions family history climate and the like are provided.

No. of Pages : 77 No. of Claims : 52

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 02/01/2015

(54) Title of the invention : DESKTOP CLIENT, CLIENT PLATFORM AND GAME ENTITY IN DESKTOP MULTI-PERSON NETWORK GAME SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:China	(71)Name of Applicant : 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant :ROOM 403, EAST BLOCK 2, SEG PARK, ZHENXING ROAD, FUTIAN DISTRICT, SHENZHEN
Filing Date	:17/12/2009	CITY 518 044, GUANGDONG PROVINCE, PRC China
(87) International Publication No	:WO 2010/094201 A1	(72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)GUO, BIJIAN 2)TANG, SHENGFU 3)TANG, JIASHENG
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A desktop client in a desktop multi-person network game system is provided. The desktop client is divided into the client platform and the game entity; when a game changes, it is only needed to change a game logic and a game protocol in the game entity, and not needed to redesign the client platform.

No. of Pages : 17 No. of Claims : 13

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : EXHAUST VALVE AND METHOD OF MANUFACTURE THEREFORE

 (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 	:A61M16/06,A61M16/20,A62B18/10 :61/318562 :29/03/2010 :U.S.A. :PCT/IB2011/051085 :15/03/2011 :WO/2011/121472 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)PARR William Edgar 2)GUZMAN Joseph 3)LIBERMAN Eric Andrew
	:NA :NA	

(57) Abstract :

A valve (20) is provided that selectively controls flows of fluid through a valve opening (50). The valve (20) includes an elastically resilient valve member (54) that is seated in a member pocket (52) with a valve flap (76) that covers the valve opening (50). The valve flap (76) substantially prevents flows of fluid in one direction through the valve opening (50) but permits flows of fluid in the other direction.

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

(21) Application No.7761/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:61/319403	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:31/03/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/050791	(72)Name of Inventor :
Filing Date	:24/02/2011	1)ATAKHORRAMI Maryam
(87) International Publication No	:WO 2011/121464	2)CHEUNG Amy Oi Mee
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMIZING QUESTIONNAIRES

(57) Abstract :

A computer-implemented method for providing a questionnaire to a patient based on patients current health condition is provided. The method includes measuring physical activity of the patient with an activity monitor; measuring respiration rate with a respiration rate sensor; measuring heart rate with a heart rate monitor; measuring cough frequency with a cough frequency monitor; and executing on the processor of the computer system one or more computer program modules configured to generate a questionnaire to gather information from the patient. The questionnaire comprises a set of questions that are based the gathered physical activity data respiration rate data heart rate data cough frequency data or any combination thereof.

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

(19) INDIA

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SOUND ATTENUATION DEVICE AND METHOD FOR A COMBUSTION ENGINE			
 (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 	:61/391530 :08/10/2010 :U.S.A.	 (71)Name of Applicant : 1)PINNACLE ENGINES INC. Address of Applicant :1300 Industrial Road Suite 1a San Carlos CA 94070 U.S.A. (72)Name of Inventor : 1)CLEEVES James M. 2)FLOWERS Daniel L. 3)HAWKES Michael 	

(57) Abstract :

System comprising a tubular conduit (402) for conducting exhaust gas from an exhaust gas source. A plurality of passages (404) are positioned within a section of said tubular conduit (402) each of the plurality of passages (404) having different passage lengths and a passage cross sectional flow areas such that an approximately equal flow rate is created. Downstream of the plurality of passages (404) follows a collector chamber (414) having a sufficiently large volume to allow for approximately equal pressure across an exit face of the plurality of passages (404). This way equal amounts of sound energy from each side of passages (404) arrive at the collector (414) and interference effects can take place with equal amplitudes which creates efficient sound attenuation. A corresponding method is also disclosed.

No. of Pages : 101 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :23/06/2011

(43) Publication Date : 02/01/2015

 (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 	:14/12/2009 :WO 2010/072605 A1	 (71)Name of Applicant : 1)F. HOFFMANN-LA ROCHE AG Address of Applicant :124 GRENZACHERSTRASSE, CH- 4070 BASEL Switzerland (72)Name of Inventor : 1)BERGER, JACOB 2)CAROON, JOAN, MARIE 3)LOPEZ-TAPIA, FRANCISCO JAVIER 4)NITZAN, DOV
	AI :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : DIHYDROPYRIDONE AMIDES AS P2X7 MODULATORS

(57) Abstract :

Compounds of the formula I: or pharmaceutically acceptable salts thereof, wherein m, n, R1, R2, R3, R4, R5 and Ra are as defined herein. Also disclosed are methods of making the compounds and using the compounds for treatment of diseases associated with the P2X7 purinergic receptor.

No. of Pages : 93 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 02/01/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)KRAFT FOODS GLOBAL BRANDS LLC Address of Applicant :THREE LAKES DRIVENORTHFIELD, IL 60093 U.S.A. (72)Name of Inventor :
	:A23G3/36	
(31) Priority Document No	:61/153,459	1)KRAFT FOODS GLOBAL BRANDS LLC
(32) Priority Date	:18/02/2009	Address of Applicant : THREE LAKES
(33) Name of priority country	:U.S.A.	DRIVENORTHFIELD, IL 60093 U.S.A.
(86) International Application No	:PCT/US2010/024565	(72)Name of Inventor :
Filing Date	:18/02/2010	1)FERRI, DINO C.
(87) International Publication No	:WO 2010/096542 A2	2)MICHAELIDOU, TASOULA A.
(61) Patent of Addition to Application	:NA	3)STOJANOVIC, JELENA
Number		4)WATSON, DEBORAH L.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(E7) Alterative et :		•

(54) Title of the invention : CONFECTIONERIES PROVIDING MOUTH-MOISTENING REFRESHMENT

(57) Abstract :

The present invention relates to confectioneries that impart a mouth-moistening effect when orally consumed by an individual. Specifically, the confectioneries comprise compositions that include a blend of components comprising spilanthol to reduce or eliminate the perception of mouth dryness in an individual. The confectioneries can further include such components as a sweetening composition, a food-grade acid composition, and a cooling agent composition.

No. of Pages : 55 No. of Claims : 47

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ULTRA LOW ENERGY CONSUMING DC MOTORS MADEUP OF RARE EARTH MAGNETS WITH BACK EMF TRAPPING MECHANISM

(51) International classification(31) Priority Document No(32) Priority Date	:H02P :NA :NA	 (71)Name of Applicant : 1)EESAVYASA TECHNOLOGIES PVT. LTD., Address of Applicant :PLOT NO : 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500037 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention special type of brushless DC motors and graphite carbon brushed DC motors are used for all kind of commercial, industrial and general purpose engineering applications to replace AC induction motors. The unique feature of invention is doping certain rare earth elements in nano quantities into neodymium permanent magnets to increase the magnetic strength to higher levels. These magnets are arranged to trap back EMF in the proposed DC motors requiring ultra low energy to achieve extra ordinary torques.

No. of Pages : 7 No. of Claims : 3

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHT-EMITTING ELECTRONIC TEXTILE WITH LIGHT-DIFFUSING MEMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:G09F9/33,G09F13/22,G09F21/02 :10155947.4 :09/03/2010 :EPO	1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
No Filing Date (87) International Publication No	:PCT/IB2011/050876 :02/03/2011 :WO/2011/110974	 (72)Name of Inventor : 1)BHATTACHARYA Rabin 2)CORNELISSEN Hugo Johan 3)VAN OS Koen
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A light-emitting electronic textile (1;35) comprising: a flexible component carrier (2) having a plurality of light sources (3) arranged thereon; and at least one textile light-diffusing member (4) arranged to diffuse light emitted by the light sources (3). The textile light-diffusing member (4) comprises: a first textile layer (10) comprising fibers (14); a second textile layer (11) comprising fibers (15); and a spacing layer (12) arranged between the first textile layer (10) and the second textile layer (11) wherein the spacing layer (12) comprises spacing fibers (16) that space apart the first and second textile layers the spacing fibers (16) being attached to fibers (14 15) comprised in each of the first and second textile layers to thereby mechanically connect the first (10) and second (11) textile layers with each other.

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

(22) Date of filing of Application :02/01/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD, MANNER, PROCESS, APPLICATION, UTILITY, DEVICE FOR A SEARCH ENGINE FOR GENERAL PUBLIC TO POST AND SEARCH INFORMATION FOR ALL THEIR NEEDS BY GIVE AND TAKE (GNT)USING SHORT MESSAGE SERVICE

(51) International classification	:E04H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIPIN KRISHNAN
(32) Priority Date	:NA	Address of Applicant : POORNIMA, PARAYIL
(33) Name of priority country	:NA	CHOORAKULAM ROAD, KANGARAPADY, COCHIN - 21
(86) International Application No	:NA	Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VIPIN KRISHNAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

GNT is a concept based communication system, designed and developed to reduce the human effort required to meet all our basic information needs using the humble short message service (SMS) already facilitated in all mobile phones. SMSs are received, indexed and stored from the general public at a centralized server. This server can be searched by any user via an SMS and the pre-stored information within the centralized database will be analyzed against the incoming message, and the results best matching the SMS will be replied back free of cost. In this system all the information is encapsulated into two types: Give or Take. Categorizing all human needs or communication under these two category and cross-matching is the basic concept of GNT. The system is designed to simplify the communication task among people by formatting all their needs into two categories - Give and Take, the whole system is culled as GNT.

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

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : LATEX SECRETORY TISSUE SPECIFIC SRPP PROMOTER DERIVED FROM HEVEA BRASILIENSIS AND USE THEREOF

 (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 	:C12N15/82 :1020100098075 :08/10/2010 :Republic of Korea :PCT/KR2011/007492 :10/10/2011 :WO 2012/047076 :NA :NA :NA	 (71)Name of Applicant : 1)KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY Address of Applicant :52 Eoeun dong Yuseong gu Daejeon 305 806 Republic of Korea (72)Name of Inventor : 1)RYU Beung Tae 2)SHIN Jeong Sheop
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(57) Abstract :

The present invention relates to laticiferous tissue-specific SRPP (small rubber particle-associated protein) promoter from Hevea brasiliensis consisting of nucleotide sequence of SEQ ID NO: 1, a recombinant plant expression vector comprising the promoter, a plant transformed with the recombinant plant expression vector and seed of the transformed plant, a method for laticiferous tissue-specific expression of a foreign gene in a transformed plant comprising performing recombination of a foreign gene into the recombinant plant expression vector, and a transformed plant produced by the method which shows laticiferous tissue-specific expression of a foreign gene in a transformed plant, and seed of the transformed plant.

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

(19) INDIA

(22) Date of filing of Application :01/05/2013

(43) Publication Date : 02/01/2015

(51) International classification	:G06T1/20	(71)Name of Applicant :
(31) Priority Document No	:12/944971	1)QUALCOMM Incorporated
(32) Priority Date	:12/11/2010	Address of Applicant :Attn: INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION 5775 Morehouse Drive San Diego
(86) International Application No	:PCT/US2011/059647	California 92121 U.S.A.
Filing Date	:07/11/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/064672	1)HWANG Hau
(61) Patent of Addition to Application	:NA	2)CHEUNG Joseph
Number	:NA	3)GOMA Sergiu R.
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PARALLEL IMAGE PROCESSING USING MULTIPLE PROCESSORS

(57) Abstract :

An electronic device for parallel image processing using multiple processors is disclosed. The electronic device includes multiple image sensors for providing image data. The electronic device also includes multiple processors for processing segmented image data to produce processed segmented image data. Each processor is dedicated to one of the image sensors. A multiple processor interface is also included. The multiple processor interface maps the image data to the processor segments the image data to produce the segmented image data and synchronizes the segmented image data to processor clock rates.

No. of Pages : 45 No. of Claims : 50

(21) Application No.7870/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : DETERMINING COMPONENTS OF TOTAL CARBON DIOXIDE EXCRETED BY A SUBJECT (51) International classification :A61B5/083,G09B23/28 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :61/319446 (32) Priority Date :31/03/2010 Address of Applicant : GROENEWOUDSEWEG 1 (33) Name of priority country :U.S.A. EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (86) International Application No :PCT/IB2011/051123 Netherlands Filing Date (72)Name of Inventor : :17/03/2011 (87) International Publication No :WO/2011/121473 1)ORR Joseph Allen (61) Patent of Addition to Application 2)BREWER Lara :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Values of components of total carbon dioxide excreted by a subject can be provided. One or more signals may be received conveying information related to a rate of total carbon dioxide excreted by the subject. Based at least in part on the received one or more signals a first capnometric component and/or a second capnometric component may be determined. The first capnometric component may indicate a rate of metabolic carbon dioxide production. The second capnometric component may indicate a rate of carbon dioxide transfer to or from body compartments of the subject that store carbon dioxide. The first capnometric component and/or the second capnometric component may be presented to a user.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FUSIBLE BICC	OMPONENT SPANDE	X
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:d04b1/18 :61/106,288 :17/10/2008 :U.S.A.	(71) Name of Applicant : 1) INVISTA TECHNOLOGIES S.A.R.L., Address of Applicant :ZWEIGNIEDERLASSUNG ST. GALLEN, PESTALOZZISTRASSE 2, 90000 ST. GALLEN
(86) International Application No Filing Date	:PCT/US09/061164 :19/10/2009 :WO 2010/045637	
(87) International Publication No(61) Patent of Addition to Application Number	A3 :NA	2)LIU, HONG 3)BAKKER, WILLEM 4)WEEKS, GREGORY, P.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	5)CERA, JUAN

(57) Abstract :

Included are multiple component elastic fibers prepared by a solution-spinning process such as dry spinning or wet spinner of spandex fibers including polyurethaneurea and polyurethane compositions. These fibers have a cross-section including at least two separate regions with definable boundaries wherein at least one region defined byte boundaries of the cross-section includes a polyurethaneurea or polyurethane composition. One region of the fiber includes a fusibility improvement additive to enhance adhesion to itself or to a substrate.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTROL OF DNA MOVEMENT IN A NANOPORE AT TONE NUCLEOTIDE PRECISION BY A PROCESSIVE ENZYME

classificationIC12Q1/08,G01N35/50,C12N15/091)T(31) Priority Document No:61/402903CAL(32) Priority Date:07/09/2010A(33) Name of priority country:U.S.A.Franl(86) International Application:PCT/US2011/0015521)CNoFiling Date:07/09/20112)I(87) International Publication:WO 2012/0335243)I	 1)Name of Applicant : 1)THE REGENTS OF THE UNIVERSITY OF ALIFORNIA Address of Applicant :UC Office of the President 1111 anklin Street 5th Floor Oakland CA 94607 U.S.A. 2)Name of Inventor : 1)CHERF Gerald Maxwell 2)LIBERMAN Kate R. 3)LAM Christopher Evan 4)DOODY Michael 5)AKESON Mark A.
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(57) Abstract :

The invention herein disclosed provides for devices and methods that can detect and control an individual polymer in a mixture is acted upon by another compound for example an enzyme in a nanopore. Of particular note is the stability of the system in a saline medium and to detect individual nucleotide bases in a polynucleotide in real time and which may be used to sequence DNA for many hours without change of reagents. The invention is of particular use in the fields of forensic biology molecular biology structural biology cell biology molecular switches molecular circuits and molecular computational devices and the manufacture thereof.

No. of Pages : 123 No. of Claims : 44

(12) PATENT APPLICATION(19) INDIA	PUBLICATION	(21) Application No.4562/CHENP/2012 A
		(43) Publication Date : 02/01/2015
(54) Title of the invention : API	PARATUS FOR ACTUATING DIS	SPLAYS
 (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 Filed on 	:B81B3/00,B81B7/04,G02B26/04 :60/655,827 :23/02/2005 :U.S.A. :PCT/US2006/06552 :23/02/2006 :WO/2006/091791 :NA :NA :A :4228/CHENP/2007 :23/02/2006	 (71)Name of Applicant : 1)PIXTRONIX, INC. Address of Applicant :100 BURTT ROAD, SUITE 123, ANDOVER, MASSACHUSETTS 01810 U.S.A. (72)Name of Inventor : 1)HAGOOD, NESBITT, W., 2)STEYN, JASPER

(57) Abstract :

The invention relates to MEMS-based display devices. In particular, the display devices may include actuators having two mechanically compliant electrodes. In addition, bi-stable shutter assemblies and means for supporting shutters in shutter assemblies are disclosed inclusion in the display devices.

No. of Pages : 76 No. of Claims : 15

(21) Application No.7860/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(51) International classification	:G06T7/00	(71)Name of Applicant :
(31) Priority Document No	:61/311406	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:08/03/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/050533	(72)Name of Inventor :
Filing Date	:08/02/2011	1)DWIVEDI Shekhar
(87) International Publication No	:WO/2011/110959	2)SHARMA Manish Kumar
(61) Patent of Addition to Application	:NA	3)KRISHNAN Narayan Ayyakad
Number	:NA :NA	4)MALLYA Yogish
Filing Date	.INA	5)COCHOFF Steven M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Albertra et :		I

(54) Title of the invention : REGION OF INTEREST DEFINITION IN CARDIAC IMAGING

(57) Abstract :

A method for cardiac imaging for determining a myocardial region of interest (ROI) is disclosed. The method includes acquiring functional imaging data of a subject where the functional imaging data includes at least the myocardium. A ROI encompassing at most the myocardium from the acquired functional imaging data and diagnostic parameters relating to the myocardium are estimated and quantified based on the determined ROI. In one embodiment the ROI is determined from a projection image representation utilizing histogram based thresholding and ray casting based localization to determine the extents of the ROI. In another embodiment the ROI is determined from a volumetric image representation utilizing clustering Manhattan distance based cleaning to determine cardiac angles used for reorienting the left ventricle.

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

(19) INDIA

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHT SOURCE SELECTION

(51) International classification	:H05B37/02,G08C19/28,H04L29/12	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(31) Priority Document No	:10156995.2	Address of Applicant :GROENEWOUDSEWEG 1
(32) Priority Date	:19/03/2010	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(33) Name of priority country	y:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:11/03/2011	1)YIANNI George Frederic 2)DEN DULK Jaco 3)PENNING DE VRIES Hendricus Theodorus Gerardus
(87) International Publication No	¹ :WO/2011/114269	Maria 4)VINKENVLEUGEL Lucius Theodorus
(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 selecting a light source from a plurality of light sources particularly to the selecting of a light source by pointing to it with a light source selection device. An embodiment of the invention relates to a light source selection device (10) comprising - at least one photosensor (36 38 40) with a field of view (20 22 24) wherein light (26 28 30) from one or more light sources (32 34) may be received by the photosensor within the field of view and - a photosensor output signal processing unit (42) being adapted to select one or more light sources by processing the light received by each photosensor.

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

(22) Date of filing of Application :11/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONNECTOR FOR COAXIAL CABLE HAVING ROTATIONAL JOINT BETWEEN INSULATOR MEMBER AND CENTER CONTACT AND ASSOCIATED METHODS

(51) International classification	· · · · · · · · · · · · · · · · · · ·	(71)Name of Applicant :
(31) Priority Document No	:12/706,135	1)COMMSCOPE INC. OF NORTH CAROLINA
(32) Priority Date	:16/02/2010	Address of Applicant :1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	NC 28602 United States of America
(86) International Application No	:PCT/US2011/025094	(72)Name of Inventor :
Filing Date	:16/02/2011	1)ISLAM Nahid
(87) International Publication No	:WO/2011/103197	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

connector (30) is to be attached to a coaxial cable (20) and includes a connector housing (31) having a cylindrical shape to be coupled to an outer conductor (22) of the coaxial cable (20). An insulator member (45) has a central opening therein and is rotatably received within the connector housing (31) to define a rotational joint therewith. A center contact (46) has a shaft portion (47) securely received within the central opening of the insulator member (45) and an open end portion (48) extending rearwardly from the shaft portion (47) to securely receive the inner conductor (24) therein.

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

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SIGNAL MEASURING SYSTEM METHOD FOR ELECTRICALLY CONDUCTING SIGNALS AND A SIGNAL CABLE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G01R1/06,A61B1/00,A61B1/05 :10158940.6 :01/04/2010 :EPO	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application N	o:PCT/IB2011/051328	(72)Name of Inventor :
Filing Date	:29/03/2011	1)DUBIELCZYK Alexander
(87) International Publication No :WO/2011/121537		2)SCHWENK Marcus
(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 signal measurement system (100 200 300) for measuring a signal the system comprising a signal detection unit (41) for detecting a raw signal a signal processing unit (42) and a signal cable (10) electrically connecting the signal detection unit (41) with the signal processing unit (42). The signal cable (10) comprises a signal conductor (1 2) for electrically conducting a first signal from the signal detection unit (41) to the signal processing unit (42) which first signal comprises at least the raw signal a reference conductor (11 12) for detecting and electrically conducting to the signal processing unit (42) only a noise signal induced by a movement of the signal cable (10) or by electromagnetic interference.

No. of Pages : 18 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 02/01/2015

:A61M16/06 :61/319986 :01/04/2010 :U.S.A. :PCT/IB2011/050932 :04/03/2011 :WO/2011/121466 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)BUSCH Lance Ranard 2)HO Peter Chi Fai 3)MARGARIA Elizabeth Powell
	:61/319986 :01/04/2010 :U.S.A. :PCT/IB2011/050932 :04/03/2011 :WO/2011/121466 :NA :NA :NA

(57) Abstract :

A patient interface device (10) that includes a mask (12) and a headgear component (18) for attaching the patient interface device to the head of a patient. The headgear component includes a strap (20) and an attachment element (22 40 60 80) provided between the mask and the strap. The attachment element has a mask attachment portion (24 42 62 82) coupled to the mask a strap attachment portion (26 44 64 84) coupled to the strap and a flexible linkage portion (28 46 66 86) provided between the mask attachment portion and the strap attachment portion. The flexible linkage portion is more flexible than both the mask attachment portion and the strap attachment portion to enable the mask attachment to flex bend and/or twist along multiple axes to conform to particular facial contours of the patient.

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

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : INTEGRATED DISPLAY OF ULTRASOUND IMAGES AND ECG DATA (51) International classification :A61B5/044 (71)Name of Applicant : (31) Priority Document No :61/320231 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. (32) Priority Date Address of Applicant : GROENEWOUDSEWEG 1 :01/04/2010 (33) Name of priority country :U.S.A. EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (86) International Application No :PCT/IB2011/051234 (72)Name of Inventor : Filing Date **1)CARDINALE Michael** :23/03/2011 (87) International Publication No :WO/2011/121493 2)ZHOU Sophia Huai (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A bullseye chart is comprised of concentric circles each corresponding to a different level of the heart in relation to the apex. Each circle is divided into segments with each segment corresponding to a different circumferential region around the heart. The bullseye chart is filled in with ECG data such as ST elevation data of leads corresponding to the various segments. The bullseye chart may be filled in with numeric ECG data values or qualitative values such as coloring or shading which indicates normal and abnormal segments. The ECG bullseye chart may be compared with an ultrasound bullet scorecard filled in with data derived from ultrasound images.

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

(19) INDIA(22) Date of filing of Application :17/09/2012

(43) Publication Date : 02/01/2015

 (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 	:H05B33/08,F21K99/00 :201010140027.2 :02/04/2010 :China :PCT/IB2011/051216 :23/03/2011 :WO/2011/121489	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)ZHONG Hong 2)FENG Lei
e		
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) 11 1		·

(54) Title of the invention : LIGHT EMITTING DIODE LIGHT SOURCE

(57) Abstract :

A light emitting diode light source (100) is provided in the present invention comprising a red light emitting diode array (110); a phosphor-coated blue light emitting diode array (120) a color point of the mixed light emitted from the phosphor-coated blue light emitting diode array (120) falling within a quadrilateral of the CIE chromaticity diagram wherein coordinates of four vertices of the quadrilateral are (0.375 0.427) (0.390 0.456) (0.366 0.430) (0.38 0.46); wherein when the junction temperature of light emitting diode array (110) is substantially equal to room temperature the ratio of the lumen output of the phosphor-coated blue light emitting diode array (120) to the lumen output of the red light emitting diode array (110) is within a range of 4:1 to 1.5:1.

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

(19) INDIA

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : OXYGEN SEPARATION MEMBRANE

(51) International classification	:B01D53/22,B01D65/02,B01D69/10	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(31) Priority Document No	:10155667.8	Address of Applicant :GROENEWOUDSEWEG 1
(32) Priority Date	:05/03/2010	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(33) Name of priority country	y:EPO	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2011/050489 :04/02/2011	1)HILBIG Rainer 2)OPITZ Joachim
(87) International Publication No	¹ :WO/2011/107898	
(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 membranes in particular oxygen separation membranes which enable improved gas separation conditions with respect to cost price size weight and noise. The membrane in particular oxygen separation membrane according to the invention comprises a support layer (28) and a separation layer (30) wherein the separation layer (30) is permeable for oxygen and has a sorptive affinity for at least one other gas in particular for nitrogen wherein the membrane (20) is designed such that substantially only the separation layer (30) is heatable by a heating device.

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

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SIMULTANEOUS AND DYNAMIC DETERMINATION OF LONGITUDINAL AND TRANSVERSAL RELAXATION BEHAVIOR OF A NUCLEAR SPIN SYSTEM

 (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 	:G01R33/50 :61/315062 :18/03/2010 :U.S.A. :PCT/IB2011/051001 :10/03/2011 :WO/2011/114264 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)REMMELE Stefanie 2)LIU Wei 3)VOIGT Tobias Ratko 4)STEHNING Christian
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(57) Abstract :

The invention relates to a magnetic resonance imaging method for simultaneous and dynamic determination of a longitudinal relaxation time T1 and a transversal relaxation time T2 of the nuclear spin system of an object in the context of DCE or DSE MRI. In this respect the invention makes use of a steady-state gradient echo pulse sequence comprising an EPI readout module

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

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : WOUND CARE SYSTEM

 classification (31) Priority Document No :1015 (32) Priority Date :31/03 (33) Name of priority country (86) International Application No Filing Date :22/03 (87) International 	58736.8 3/2010	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)IGNEY Claudia Hannelore 2)HILBIG Rainer 3)PINTER Robert
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(57) Abstract :

The present invention relates to a wound care system for treating a wound (14) of a patient comprising: a bathing unit (16) being designed to limit a volume (18) surrounding the wound (14) and sealing said volume (18) against the outer atmosphere the bathing unit (16) comprising at least one gas inlet (28) and one gas outlet (30) being in fluid communication with said volume (18) a source (20) for nitric oxide being connectable to said gas inlet (28) a vacuum unit (34) being connectable to said gas outlet (30) for creating a negative pressure inside said volume (18) and a sponge (36) being placeable inside said volume (18).

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

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : VOLUMETRIC ULTRASOUND IMAGE DATA REFORMATTED AS AN IMAGE PLANE SEQUENCE

(51) International classification(31) Priority Document No(32) Priority Date	:A61B8/14,G01S15/89,G01S7/52 :61/316471 :23/03/2010	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1
(32) Filter Date(33) Name of priority country(86) International Application	:U.S.A.	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor :
No Filing Date	:PCT/IB2011/051125 :17/03/2011	1)BROWN Jimmy Ray 2)BRADLEY Kevin
(87) International Publication No	:WO/2011/117788	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An ultrasound probe acquires a 3D image dataset of a volumetric region of the body. The 3D image data is reformatted into a sequence of successive parallel image planes extending in one of three orthogonal directions through the volume. The sequence of images (74 84 94) is preferably formatted in accordance with the DICOM standard so that a clinician can review the 3D image data as a sequence of DICOM images on an image workstation.

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

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS FOR THE PREPARATION OF ELECTROLYTES FOR CHROMIUM-IRON REDOX FLOW BATTERIES

 (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 	:12/721,411 :10/03/2010 :U.S.A. :PCT/US2011/027448 :07/03/2011 :WO/2011/112525	 (71)Name of Applicant : 1)DEEYA ENERGY INC. Address of Applicant :48611 Warm Springs Blvd. Fremont California 94539-7782 United States of America (72)Name of Inventor : 1)KESHAVARZ Majid 2)VARADARAJAN Aravamuthan
(87) International Publication No	:WO/2011/112525	2)VARADARAJAN Aravamuthan
	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for preparing a redox flow battery electrolyte is provided. In some embodiments the method includes the processing of raw materials containing sources of chromium ions in a high oxidation state. In some embodiments a solution of the raw materials in an acidic aqueous solution is subjected to a reducing process to reduce the chromium in a high oxide state to an aqueous electrolyte containing chromium (III) ions. In some embodiments the reducing process is electrochemical process. In some embodiments the reducing process is addition of an inorganic reductant. In some embodiments the reducing process is addition of an organic reductant. In some embodiments the reducing process is addition of an organic reductant. In some embodiments the reducing process is addition of an organic reductant.

No. of Pages : 28 No. of Claims : 23

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

PRODUCT A CONTROLLING DEVICE AND AN OUTDOOR LIGHTING SYSTEM (51) International classification :H05B37/02 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :10157696.5 :25/03/2010 (32) Priority Date Address of Applicant : GROENEWOUDSEWEG 1 (33) Name of priority country :EPO EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (86) International Application No :PCT/IB2011/051166 (72)Name of Inventor : Filing Date 1)KNIBBE Engel Johannes :21/03/2011 (87) International Publication No 2)BONNE Noel Francois Leopold :WO 2011/117799 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD OF CONTROLLING AN OUTDOOR LIGHTING SYSTEM A COMPUTER PROGRAM

(57) Abstract :

A method (100) of controlling an outdoor lighting system a computer program product a controlling device for controlling an outdoor lighting system and an outdoor lighting system are provided. The outdoor lighting system comprises outdoor lamps which are distributed over spatial segments of an outdoor space. The emitted light intensity of the outdoor lamps is controllable per spatial segment and references are used to refer to specific spatial segments. The method (100) comprises the steps of (i) receiving (102) from a detection system an indication of a sub-area of the outdoor space and receiving at least one activity property or the sub-area the detection system being arranged for detecting activity in the sub-area

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

(21) Application No.7754/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD OF IMPOSING A DYNAMIC COLOR SCHEME ON LIGHT OF A LIGHTING UNIT

 (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 	:10157970.4 :26/03/2010 :EPO :PCT/IB2011/051118 :17/03/2011 :WO 2011/117786 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)VINKENVLEUGEL Lucius Theodorus 2)VAN BEERS Martine Gabrielle Pythia
Filing Date	:NA	

(57) Abstract :

The invention provides a method of imposing a dynamic color scheme on light (311) of a lighting unit(300) arranged to generate light (311) of variable color. The method comprises: detecting with a sensor (210) a first color and a second color of a colored entity (100); and varying the color of the light (311) of the lighting unit (300) between the first color and the second color of the colored entity according to a time scheme. The invention further provides a color sensor unit (200) comprising a sensor (210) and a control unit (220) for use in such a method.

No. of Pages : 19 No. of Claims : 15

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR INCREASING DIMMING RANGE OF SOLID STATE LIGHTING FIXTURES

(51) International classification	:H05B33/08	(71)Name of Applicant :
(31) Priority Document No	:61/317423	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:25/03/2010	Address of Applicant : GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051041	(72)Name of Inventor :
Filing Date	:11/03/2011	1)DATTA Michael
(87) International Publication No	:WO/2011/117770	2)CAMPBELL Gregory
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		l

(57) Abstract :

A system for controlling a level of light output by a solid state lighting load controlled by a dimmer includes a phase angle detector and a power converter. The phase angle detector is configured to detect a phase angle of the dimmer based on a rectified voltage from the dimmer and to determine a power control signal based on comparison of the detected phase angle with a predetermined first threshold. The power converter is configured to provide an output voltage to the solid state lighting load the power converter operating in an open loop mode based on the rectified voltage from the dimmer when the detected phase angle is greater than the first threshold and operating in a closed loop mode based on the rectified voltage from the dimmer and the determined power control signal from the detection circuit when the detected phase angle is less than the first threshold.

No. of Pages : 37 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : MEDICAL BODY AREA NETWORK (MBAN) WITH AUTOMATIC IN-FACILITY SPECTRUM USE ENFORCEMENT

EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)WANG Dong

(57) Abstract :

A medical system comprises: a medical body area network (MB AN) system (10) comprising a plurality of network nodes (12 14) intercommunicating via short range wireless communication the MBAN system (10) including a spectrum control sub-module (52) that selects an operating channel or frequency for the short range wireless communication; and a radio frequency identification (RFID) tag (60) disposed with the MBAN system. The spectrum control sub-module selects an operating channel or frequency from a spectrum comprising a combination of (1) a default spectrum and (2) a restricted spectrum authorized for use by the MBAN system conditional upon the MBAN system being within a medical facility as indicated by readings of the RFID tag.

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

(21) Application No.7871/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : BEARING SYSTEM FOR A ROTARY ANODE OF AN X-RAY TUBE

 (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 	:F16C23/04,H01J35/10 :10158748.3 :31/03/2010 :EPO :PCT/IB2011/051298 :28/03/2011 :WO/2011/121517 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)ONKEN Volker
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(57) Abstract :

The present invention relates to a bearing system (1) for a rotary anode (24) of an X-ray tube (23). The bearing system comprises a shaft (2) for supporting the rotary anode (24) the shaft being surrounded by two swash rings (7). Further a gimbal ring (4) surrounding the shaft (2) and being arranged in between the two swash rings (7) is provided. This gimbal ring (4) is hingeably connected with the shaft (2) such that the gimbal ring (4) is tiltable relative to a longitudinal axis of the shaft (2). Further the invention relates to an X-ray tube (19) and an imaging system (15) having such a bearing system (1).

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

(19) INDIA

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR CHARACTERIZING AND VISUALIZING ELECTROMAGNETIC TRACKING ERRORS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F19/00 :61/312807 :11/03/2010 :U.S.A.	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
 (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 	:PCT/IB2011/050706 :21/02/2011 :WO/2011/110966 :NA :NA :NA	 (72)Name of Inventor : 1)JAIN Ameet Kumar 2)MATINFAR Mohammad Babak 3)CHAN Raymond 4)PARTHASARTHY Vijay 5)STANTON Douglas A.

(57) Abstract :

A calibration/surgical tool (90 160) includes an electromagnetic sensor array (30) of two or more electromagnetic sensors in a known geometrical configuration. Electromagnetic tracking errors are characterized by a mapping of pre-operative absolute and relative errors based on a movement of a calibrated calibration/surgical tool (90 160) through a pre¬ operative electromagnetic field. Using statistical mapping a desired absolute error field (46) is measured either in the clinic as the part of daily quality control checks or before the patient comes in or in vivo. A resulting error field (46) may be displayed to the physician to provide clear visual feedback about measurement confidence or reliability of localization estimates of the absolute errors in electromagnetic tracking. Fig.1

No. of Pages : 35 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(57) Abstract :

The invention relates to a luminescent converter(101) that may for example be used as a luminescent solar concentrator(LSC) in a solar power generator(100). The luminescent converter(101) comprises magic-sized clusters (110) MSCs of a luminescent material. Preferably said luminescent material comprises a compound of two elements from groups IV and VI for example PbSe. The MSCs(110) may be embedded in a transparent light guiding element(120) or be embedded in a thin film on a surface thereof.

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

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : PATIENT MONITORING OVER HETEROGENEOUS NETWORKS

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/IB2011/051082 :15/03/2011	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)SOOMRO Amjad A. 2)SCHMITT Ruediger
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A patient monitor includes least one monitoring device which collects patient data about a patient. A packet generator generates data packets from the patient data collected from the patient. A communication unit transmits the data packets over an Internet protocol (IP) network. The communication unit includes a first transmitter for transmitting the data packets using a first wireless network and a second transmitter for transmitting the data packets using a second wireless network.

No. of Pages : 31 No. of Claims : 17

(21) Application No.8057/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 02/01/2015

(51) International classification	:F21V13/04	(71)Name of Applicant :
(31) Priority Document No	:10305371.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:09/04/2010	Address of Applicant : GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051399	(72)Name of Inventor :
Filing Date	:01/04/2011	1)JOUFFRIEAU Matthias
(87) International Publication No	:WO/2011/125009	2)FOURNIER Denis
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : LIGHTING DEVICE HAVING A SMOOTH CUT-OFF

(57) Abstract :

The invention relates to a lighting device comprising: -at least one light source (11); -a reflective member (20) comprising a reflective surface (22) and an edge (21) (first edge) forming a light cut-off of light rays passing in a region adjacent to this first edge (21); -a light -modifying member (30) adapted to modify lighting feature (s) of light rays and having an edge (second edge). The light - modifying member (30) extends from the reflective member (20) to this second edge (31) over a surface area defined to receive a part of the light rays passing in said region. The second edge is designed such that among said part of light rays the light -modifying member (30) modifies proportionally more light rays passing proximate the first edge than light rays passing less proximate the first edge (21). The invention relates also to said light -modifying member (30) per se.

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

(22) Date of filing of Application :23/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MICROORGANISMS AND METHODS FOR THE BIOSYNTHESIS OF AROMATICS 2, 4 - PENTADIENOATE AND 1,3 - BUTADIENE

 (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 	:26/07/2011 :WO 2012/018624 :NA :NA	 (71)Name of Applicant : 1)GENOMATICA INC. Address of Applicant :10520 Wateridge Circle San Diego CA 92121 U.S.A. (72)Name of Inventor : 1)OSTERHOUT Robin E. 2)BURGARD Anthony P. 3)PHARKYA Priti 4)BURK Mark J.
	:NA :NA	

(57) Abstract :

The invention provides non naturally occurring microbial organisms having a toluene benzene p toluate terephthalate (2 hydroxy 3 methyl 4 oxobutoxy)phosphonate (2 hydroxy 4 oxobutoxy)phosphonate benzoate styrene 2 4 pentadienoate 3 butene lol or 1 3 butadiene pathway. The invention additionally provides methods of using such organisms to produce toluene benzene p toluate terephthalate (2 hydroxy 3 methyl 4 oxobutoxy)phosphonate (2 hydroxy 4 oxobutoxy)phosphonate (2 hydroxy 4 oxobutoxy)phosphonate 2 4 pentadienoate 3 butene lol or 1 3 butadiene additionally provides methods of using such organisms to produce toluene benzene p toluate terephthalate (2 hydroxy 3 methyl 4 oxobutoxy)phosphonate (2 hydroxy 4 oxobutoxy)phosphonate benzoate styrene 2 4 pentadienoate 3 butene lol or 1 3 butadiene.

No. of Pages : 353 No. of Claims : 243

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : TECHNOLOGY OF PRODUCTION OF BIMETALLIC AND MULTILAYER CASTS BY GRAVITY OR SPUN CASTING

(57) Abstract :

Technology of production of bimetallic and multilayer casts by gravity or spun casting at which at least two different metal materials are being gradually cast into the mould. Before casting of the second material there is started feeding of a flame into the mould by which all the oxygen presented in the mould is completely consumed and possible oxides on surface of the layer of the previously cast material are intensively reduced.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR MULTI - RADIO COEXISTENCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W72/12,H04W16/14 :61/319,100 :30/03/2010 :U.S.A. :PCT/US2011/030614	1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America
Filing Date	:30/03/2011	(72)Name of Inventor :
(87) International Publication No	:WO/2011/123581	1)KADOUS Tamer A.
(61) Patent of Addition to Application	:NA	2)MANTRAVADI Ashok
Number Filing Date	:NA	3)SADEK Ahmed K.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A connection engine and coexistence manager are employed to manage radio resources in a user equipment. The connection engine defines desired performance metrics for sets of radio resources. The coexistence manager allocates potentially interfering radio resources to achieve desired performance metrics while accounting for resource capacity potential collision rates and other metrics.

No. of Pages : 42 No. of Claims : 28

(22) Date of filing of Application :13/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : THERAPEUTIC AGENT PREPARATIONS FOR DELIVERY INTO A LUMEN OF THE INTESTINAL TRACT USING A SWALLOWABLE DRUG DELIVERY DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K38/28,A61K9/20,A61K9/22 :61/339,941 :10/03/2010 :U.S.A. :PCT/US2010/062073 :23/12/2010	 (71)Name of Applicant : 1)INCUBE LABS LLC Address of Applicant :2051 Ringwood Avenue San Jose CA 95131 US U.S.A. (72)Name of Inventor : 1)IMRAN Mir A
Filing Date (87) International Publication No	:WO/2011/112229	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments of the invention provide swallowable devices preparations and methods for delivering drugs and other therapeutic agents within the GI tract. Many embodiments provide a swallowable device for delivering the agents. Particular embodiments provide a swallowable device such as a capsule for delivering drugs into the intestinal wall or other GI lumen. Embodiments also provide various drug preparations that are configured to be contained within the capsule advanced from the capsule into the intestinal wall and degrade within the wall to release the drug to produce a therapeutic effect. The preparation can be coupled to an actuator having a first configuration where the preparation is contained in the capsule and a second configuration where the preparation is advanced out of the capsule into the intestinal wall. Embodiments of the invention are particularly useful for the delivery of drugs which are poorly absorbed tolerated and/or degraded within the GI tract.

No. of Pages : 52 No. of Claims : 51

(21) Application No.8074/CHENP/2012 A

(22) Date of filing of Application :19/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : NEMATODE-RESISTANT TRANSGENIC PLANTS

 (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 	:C07K14/415,A01H5/00,C12N15/82 :61/307,013 :23/02/2010 :U.S.A. :PCT/EP2011/052285 :16/02/2011 'WO/2011/104153 :NA :NA	 (71)Name of Applicant : 1)BASF PLANT SCIENCE COMPANY GMBH Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)WIIG Aaron 2)MCCAIG Bonnie
Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention concerns double stranded RNA compositions and transgenic plants capable of inhibiting expression of plants genes and methods associated therewith. Specifically the invention relates to the use of RNA interference to inhibit expression of a target plant gene which is a plant a CLASP1 gene an Aspartic Proteinase Delta Subunit gene a Secreted Protein 1 gene a Lectin Receptor Kinase-like gene a Pectin Methylesterase-like gene and an N PY1 gene and relates to the generation of plants that have increased resistance to parasitic nematodes.

No. of Pages : 148 No. of Claims : 10

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:C08G18/10	(71)Name of Applicant :
(31) Priority Document No	:61/174,193	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:30/04/2009	Address of Applicant :2040 DOW CENTER, MIDLAND,
(33) Name of priority country	:U.S.A.	MICHIGAN 48674 U.S.A.
(86) International Application No	:PCT/US2010/032655	(72)Name of Inventor :
Filing Date	:28/04/2010	1)XIE, RUI
(87) International Publication No	:WO 2010/126931 A1	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CASTABLE POLYUREA COMPOSITIONS FOR GLOF BALL COVERS

(57) Abstract :

Disclosed herein is a golf ball having improved cut and shear resistance. Such gold balls comprise a core, an inner cover layer, and an outer cover layer, the outer cover layer being formed from a polyurea or poly(urea-co-urethane) comprising: 1) a polyurea prepolymer comprising: the reaction product of at least one first polyisocyanate, wherein the polyisocyanate has a reactivity greater than that of 4,4'-methylene bis(cyclohexyl) isocyanate and a functionality of 1.7 to 2.3, and at least one amine-terminated compound, wherein the amine-terminated compound is selected from the group consisting of amine-terminated hydrocarbons, amine-terminated polyethers, amine-terminated polyesters, amine-terminated polycaprolactones, amine-terminated polycarbonates, amine-terminated polyamides, and mixtures thereof; and at least one second polyisocyanate with a vapor pressure lower than 0.01 mm Hg at 20°C; and 2) at least one curing agent comprising amine or hydroxyl functional curatives.

No. of Pages : 43 No. of Claims : 10

(19) INDIA(22) Date of filing of Application :18/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD FOR COMMUNICATING IN A MOBILE NETWORK

(51) International classification	:H04W72/04,H04W72/12	(71)Name of Applicant :
(31) Priority Document No	:10305357.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:07/04/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051376	Netherlands
Filing Date	:31/03/2011	(72)Name of Inventor :
(87) International Publication No	:WO/2011/125004	1)MOULSLEY Timothy James
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for communicating between a primary station and at least one secondary station comprising (a) the secondary station being configured to search a first configuration of search spaces said search spaces comprising a number of resource sets where at least one resource set might be used to transmit a message to the secondary station (b) configuring the secondary station by means of a configuration message to search a second configuration of search spaces (c) the secondary station in response of the reception of the configuration message entering into a transitional configuration mode wherein the secondary station search spaces and the second configuration of search spaces.

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

(19) INDIA

(22) Date of filing of Application :18/09/2012

(54) Title of the invention : PREDICTING URINATION			
(51) International classification(31) Priority Document No(32) Priority Date		 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 	
 (32) Finding Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:U.S.A. :PCT/IB2011/051374 :31/03/2011 :WO/2011/125003	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)MANI Murali 2)ERKAMP Ramon Quido	
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA		

(57) Abstract :

An apparatus comprising a sensing unit configured to predict a release of urine using one or more prediction parameters detect an actual release of urine and adapt at least one of the one or more prediction parameters based on the actual release of urine to increase prediction accuracy.

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

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : A MECHANICAL FUSE A NECK CORD COMPRISING A MECHANICAL FUSE AND A METHOD OF CONNECTING A MECHANICAL FUSE TO A NECK CORD

 (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 	:F16G11/08,F16G11/10 :10159513.0 :09/04/2010 :EPO :PCT/IB2011/051448 :05/04/2011 :WO/2011/125019 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)VAN DER HORST Adrianus Johannes Josephus 2)AALDERS Arnold
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention defines a mechanical fuse (20) for a neck cord (30). The mechanical fuse opens the neck cord when a pulling force component in a predetermined direction (70) exceeds a predetermined fuse force at which a rupture element (50) included in the mechanical fuse is designed to break. The rupture element has a break plane (51) at which breakage will occur when the pulling force component causes the stress in the break plane to exceed the value determined by said fuse force. The mechanical fuse further comprises a housing (60 61 62) that is arranged to guide the component of the pulling force in said predetermined direction (70) to the break plane whereas the transfer of a force component having another direction is suppressed.

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

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : ROTARY-AN	ODE X-RAY TUBE WI	TH REDUCED RADIAL SEALING
 (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 	:H01J35/10 :10159652.6 :12/04/2010 :EPO :PCT/IB2011/051499 :07/04/2011 :WO/2011/128816 :NA :NA :NA	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)LUEBCKE Michael
Filing Date	:NA	

(57) Abstract :

The invention relates to a rotary- anode X-ray tube which includes a sleeve bearing having an axial bearing section and a radial bearing section. Furthermore radial sealing sections (601 602) are provided in an outer bearing member (605 607 608) which have no functional relation to the axial bearing surfaces (2012) of the axial bearing section. Thus additional sealing principles like gaskets or sealing edges can be used although this may result in degradation of surface parallelism.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : USE OF PTEN-LONG LEADER SEQUENCE FOR TRANSMEMBRANE DELIVERY OF MOLECULES

 (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 	:A61K38/02 :61/338,377 :17/02/2010 :U.S.A. :PCT/US2011/025312 :17/02/2011 :WO/2011/103339 :NA :NA :NA :NA	 (71)Name of Applicant : 1)THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK Address of Applicant :West 116th and Broadway New York NY 10027 United States of America (72)Name of Inventor : 1)PARSONS Ramon
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(57) Abstract :

A composition for delivering cargo molecules across biological membranes is provided comprising (i) a peptide comprising consecutive amino acid residues having the sequence set forth in SEQ ID NO 1 for the transport of a cargo molecule across a biological membrane and (ii) the cargo molecule wherein the cargo molecule is not a peptide comprising amino acid residues having the sequence set forth in SEQ ID NO 4. Methods of delivering cargo molecules across biological membranes are also provided. Methods of treating a tumor cancer a metabolic disorder and a cardiovascular disorder are also provided.

No. of Pages : 87 No. of Claims : 114

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : DIMMING REGULATOR INCLUDING PROGRAMMABLE HYSTERETIC DOWN-CONVERTER FOR INCREASING DIMMING RESOLUTION OF SOLID STATE LIGHTING LOADS

 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H05B33/08 :61/329577 :30/04/2010 :U.S.A. :PCT/IB2011/051774 :22/04/2011 :WO 2011/135505 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)VAN DER VEEN Geert Willem 2)KAHLMAN Henricus
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(57) Abstract :

A system providing deep dimming of a solid state lighting (SSL) load includes a hysteretic down-converter a shunt switch a controller and a comparator. The down-converter controls average current value and amplitude of ripple of SSL current using amplitude modulation (AM) dimming control. The shunt switch controls magnitude of the SSL current using pulse width modulation (PWM) dimming control. The controller generates first and second PWM signals for controlling upper and lower current levels at which the down-converter operates based on the SSL current and voltage across the SSL load and generates a third PWM signal for controlling the shunt switch based on a dimming level load set by a dimmer. The comparator circuit compares first and second analog signals corresponding to the first and second PWM signals with the SSL current and drives the down-converter in response to the comparison. Fig.2

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

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMAGE DAT	A SEGMENTATION	
 (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 	:G06T7/00 :61/324801 :16/04/2010 :U.S.A.	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)WIEMKER Rafael 2)BUELOW Thomas 3)BYSTROV Daniel 4)VIK Torbjoern 5)SCHULZ Heinrich

(57) Abstract :

A method for segmenting image data includes identifying a 2D boundary start position corresponding to tissue of interest in a crosssection of volumetric image data wherein the start position is identified by a current position of a graphical pointer with respect to the cross-section generating a preview 2D boundary for the tissue of interest based on the start position displaying the preview 2D boundary superimposed over the cross-section and updating the displayed preview 2D boundary if the position of the graphical pointer changes with respect to the cross- section.

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

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMAGE DAT	A REFORMATTING	
 (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 	:G06T15/08 :61/324809 :16/04/2010 :U.S.A.	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)WIEMKER Rafael 2)KABUS Sven 3)KLINDER Tobias

(57) Abstract :

A method for reformatting image data includes obtaining volumetric image data indicative of an anatomical structure of interest identifying a surface of interest of the anatomical structure of interest in the volumetric image data identifying a thickness for a subvolume of interest of the volumetric image data shaping the sub-volume of interest such that at least one of its sides follows the surface of interest and generating via a processor a maximum intensity projection (MIP) or direct volume rendering (DVR) based on the identified surface of interest and the shaped sub-volume of interest.

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

(21) Application No.8272/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

 (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 	:A61B5/00,G01N21/35 :10160576.4 :21/04/2010 :EPO :PCT/IB2011/051662 :18/04/2011 :WO/2011/132128 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)HENDRIKS Bernardus Hendrikus Wilhelmus 2)HORIKX Jeroen Jan Lamertus 3)LUCASSEN Gerhardus Wilhelmus 4)NACHABE Rami 5)VAN DER VOORT Marjolein
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : DETERMINATION OF A LIPID WATER RATIO

(57) Abstract :

The present invention relates to an apparatus a method and a computer program for determining a lipid- water ratio and a scattering parameter of a sample. In particular the invention relates to an apparatus comprising a light source and a detector arranged to measure an optical parameter at various wavelengths where the wavelengths are selected so that at two of the wavelengths the absorption coefficients for both water and lipids are substantially identical. This enables determination of a scattering parameter. A further measurement at a third wavelength enables determination of a water- lipid ratio. According to a specific embodiment the light source and the detector are arranged in relation to an interventional device so as to be able to examine a tissue in terms of lipid- water ratio and scattering during an intervention.

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

(19) INDIA

(22) Date of filing of Application :04/12/2009

(43) Publication Date : 02/01/2015

(54) Title of the invention : SUBSTITUTED BENZOYLAMINO-INDAN-2-CARBOXYLIC ACID AND RELATED COMPOUNDS

 (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 	:C07D333/68,A61K31/16,A61K31/33 :60/942,169 :05/06/2007 :U.S.A. :PCT/US08/65711 :04/06/2008 :WO 2008/151211 A1 :NA :NA :NA	 (71)Name of Applicant : SANOFI-AVENTIS Address of Applicant :174, AVENUE DE FRANCE, F-75013 PARIS France (72)Name of Inventor : LE, TIEU-BINH RAMOS, ANTONIO, D., JOHN, STANLY Yancina, MARTIN ROSSE, GERARD PEDGRIFT, BRIAN THORPE, DAVID, S., CLEMENS, JENNIFER FREED, BRIAN, S WIRE, WILLIAM ZHAO, JIANHONG FRANCIS, ROBERT, S., CAULFIELD, THOMAS, J.,
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(57) Abstract :

The present invention relates to novel compounds of the formula I: wherein in any of its stereoisomeric forms or a mixture of stereoisomeric forms in any ratio, or a physiologically acceptable salt thereof, wherein the substituents are as described herein. The inventive compounds have CXCR5 inhibitory activity are particularly useful in treating or preventing various inflammatory diseases, such as rheumatoid arthritis, multiple sclerosis, lupus, Crohns Disease, associated with the modulation of the human CXCR5 receptor.

No. of Pages : 314 No. of Claims : 20

(22) Date of filing of Application :11/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOUNDS FOR THE TREATMENT OF HEPATITIS C

 (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 	:C07D471/04,A61K31/437 :NA :NA :NA :PCT/US2010/026786 :10/03/2010 :WO 2011/112186 :NA :NA	 (71)Name of Applicant : 1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant :Route 206 and Province Line Road Princeton NJ 08543 4000 U.S.A. (72)Name of Inventor : 1)PRACITTO Richard 2)KADOW John F. 3)BENDER John A. 4)BENO Brett R. 5)GRANT YOUNG Katharine 6)HAN Ying 7)HEWAWASAM Piyasena
Filing Date (62) Divisional to Application Number Filing Date		7)HEWAWASAM Piyasena 8)NICKEL Andrew 9)PARCELLA Kyle E. 10)YEUNG Kap Sun 11)CHUPAK Louis S.

(57) Abstract :

The disclosure provides ten specific compounds with a basic structure of pyrazolo [1 5 a] pyridine including their salts as well as compositions and methods of using the compounds. The compounds have activity against hepatitis C virus (HCV) and may be useful in treating those infected with HCV.

No. of Pages : 243 No. of Claims : 3

(22) Date of filing of Application :11/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : HYDROMETHANATION OF A CARBONACEOUS FEEDSTOCK WITH VANADIUM RECOVERY

(51) International classification	:C10L3/08,C10J3/00,C22B34/22	(71)Name of Applicant :
(31) Priority Document No	:61/327,965	1)GREATPOINT ENERGY INC.
(32) Priority Date	:26/04/2010	Address of Applicant :222 Third Street Suite 2163
(33) Name of priority country	:U.S.A.	Cambridge Massachusetts 02142 United States of America
(86) International Application N	o:PCT/US2011/033951	U.S.A.
Filing Date	:26/04/2011	(72)Name of Inventor :
(87) International Publication N	o :WO/2011/139694	1)RAPPAS Alkis S.
(61) Patent of Addition to	:NA	2)SPITZ Robert A.
Application Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 1/2 1	

(57) Abstract :

The present invention relates to processes and apparatuses for hydromethanating a vanadium-containing carbonaceous feedstock while recovering at least a portion of the vanadium content originally present in the carbonaceous feedstock.

No. of Pages : 47 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/09/2012

(54) Title of the invention : FILTER BYPASS

(43) Publication Date : 02/01/2015

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(51) International classification	:B01D46/00,G01N15/06	(71)Name of Applicant :
(31) Priority Document No	:2010900938	1)XTRALIS TECHNOLOGIES LTD
(32) Priority Date	:05/03/2010	Address of Applicant :2nd Floor One Montague Place Nassau
(33) Name of priority country	:Australia	N-3933 The Bahamas Bahamas
(86) International Application No	:PCT/AU2011/000254	(72)Name of Inventor :
Filing Date	:04/03/2011	1)AJAY Kemal
(87) International Publication No	:WO/2011/106850	2)VAYEDA Nitin
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is describes a filter arrangement (10) for a particle detector (12) for detecting particles in an environment. The particle detector (12) can include one or more sensors (30) for analysing fluid in a detection region to produce sensor output. The filter arrangement (30) includes structure defining flow paths for conveying fluid from the environment towards the detection region including a first flow path (22) which includes a filter(26) and a second flow path (24) bypassing the filter(10). There is also provided a mechanism (120B) for controlling relative flow rates of fluid through the first flow path (22) and the second flow path (24) and a controller (32) configured to receive the sensor output corresponding to at least two relative flow rates and apply logic thereto to generate an output indicative of a condition of the filter.

No. of Pages : 35 No. of Claims : 34

(21) Application No.8274/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(51) International classification	:A47F1/10	(71)Name of Applicant :
(31) Priority Document No	:10161002.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:26/04/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051711	Netherlands
Filing Date	:20/04/2011	(72)Name of Inventor :
(87) International Publication No	:WO/2011/135490	1)RIGHETTI Marco
(61) Patent of Addition to Application	:NA	2)TALINI Marco
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : A STIRRER OR SPOON DISPENSER FOR BEVERAGE DISPENSING MACHINES

(57) Abstract :

The stirrer dispenser for beverage dispensing machines comprises a first channel (21) for containing a stack of stirrers (PI) which exhibits a first opening (21A) wherefrom single stirrers are extracted and ejected by an ejector (31) provided with an alternating movement (f31). The ejector to this end exhibits an engagement member (45–47) wherewith single stirrers (PI–P3) are engaged and ejected from said opening at each stroke of said ejector. The dispenser moreover exhibits at least a second channel (23) next to the first channel (21) and exhibiting a second opening (23A). The two openings (21A; 23A) are side by side along the movement direction of the ejector (31).

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

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR DETERMINING A PHYSICAL PROPERTY OF AN OBJECT SYSTEM COMPUTER READABLE MEDIUM AND PROGRAM ELEMENT

 (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 	:10160630.9 :21/04/2010 :EPO :PCT/IB2011/051668 :18/04/2011 :WO/2011/132131 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)WAECHTERSTEHLE Irina 2)KNESER Reinhard 3)WEESE Jurgen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to evaluating medical image information in particular physical properties of an object (32). When preparing a surgical procedure e.g. a minimally invasive procedure it may be beneficial to plan the procedure in detail before starting the operation. Thus obtaining precise information about physical properties of an object (32) e.g. a diameter value (34 36) of an anatomical structure may be beneficial. Accordingly a method and a system for determining a physical property (34 36) of an object (32) is provided which employs local object context information (38) for determining a local physical property of the object (32).

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

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 02/01/2015

2)VAN BREE Karl Catharina

(54) Title of the invention : SYSTEM AND METHOD FOR TRACKING THE POINT OF GAZE OF AN OBSERVER (51) International classification :A61B3/113,G06F3/01 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :10157169.3 (32) Priority Date :22/03/2010 Address of Applicant : GROENEWOUDSEWEG 1 (33) Name of priority country :EPO EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (86) International Application No :PCT/IB2011/051076 (72)Name of Inventor : Filing Date 1)DE BRUIJN Frederik Jan :15/03/2011

:WO/2011/117776

 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)GRITTI Tommaso 4)SCHMEITZ Harold Agnes Wilhelmus

(57) Abstract :

A system for tracking the point of gaze of an observer observing an object comprises a camera for recording an image of an eye of the observer comprises a means for providing a luminous marker and means for analyzing the image of the eye to determine the reflection of the marker on the eye and the centre of the pupil. The relative positions of the corneal reflection of the marker and the pupil centre are measured. The marker is repositioned in dependence on the determined relative positions to improve correspondence between the corneal reflection of the marker and the pupil centre.

No. of Pages : 41 No. of Claims : 18

(87) International Publication No

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND APPARATUS FOR SUM OF ADDRESS COMPARE IN A CONTENT-ADDRESSABLE MEMORY

 (32) Priority Date :19/0 (33) Name of priority country (86) International Application No Filing Date :18/0 	727,623 703/2010 5.A. T/US2011/029052 703/2011 D/2011/116322	 (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)OZIMEK Timothy Edward
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(57) Abstract :

Techniques are described for sum address compare (A+B=K) operation for use in translation lookaside buffers and content addressable memory devices for example. Address input signals A and B are supplied as input to the A+B=K operation and K is a previous value stored in a plurality of memory cells. In each memory cell a single logic gate circuit output and its inversion are generated in response to updating the memory cells wherein each single logic gate circuit has as input an associated memory cell output and a next lowest significant bit ...

No. of Pages : 41 No. of Claims : 20

(22) Date of filing of Application :11/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPLICATION LAYER FEC FRAMEWORK FOR WIGIG

(57) Abstract :

A method and apparatus perform forward error correction in a wireless communication device in a wireless communication network. Application layer forward error correction (AL-FEC) capability information is transmitted during a capabilities exchange. A single parity check (SPC) AL-FEC code is applied on a set of k source packets to encode systematic packets for the source packets and at least one parity packet. A header of each encoded packet includes a parity packet indicator. The encoded packets are processed in a media access control (MAC) layer and a physical (PHY) layer for transmission.

No. of Pages : 29 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : VISUALIZATION OF MYOCARDIAL INFARCT SIZE IN DIAGNOSTIC ECG

(51) International classification	:A61B5/04,G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:61/328671	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:28/04/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051781	(72)Name of Inventor :
Filing Date	:25/04/2011	1)GREGG Richard E.
(87) International Publication No	:WO 2011/135507	2)ZHOU Sophia Huai
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The segments of an anatomically corresponding bulls eye graph familiar to echocardiologists is annotated by coloring those segments for which ECG data indicates the presence of myocardial infarction injury. In an illustrated example segments are colored with a second color when the ECG data corresponding to those segments are indicated as being the site of a coronary occlusion. The segments of the bulls eye graph may be colored in a third color with the results of a diagnostic imaging exam such as by coloring segments exhibiting wall motion abnormalities with a third color.

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

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROPERTY DETERMINING APPARATUS FOR DETERMINING A PROPERTY OF AN OBJECT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A01B8/08,A01B18/14,A01B19/00 :10161318.0 :28/04/2010 :EPO :PCT/IB2011/051640	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)HARKS Godefridus A. 2)ZUO Fei
Filing Date	:15/04/2011	3)DELADI Szabolcs
(87) International Publication No	:WO 2011/135482	4)FOKKENROOD Steven A. W. 5)MIHAJLOVIC Nenad
(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 property determining apparatus for determining a property of an object which is preferentially a heart. An ultrasound signal providing unit provides an ultrasound signal of the object and a scatter determination unit (8) determines at least one scatter value being indicative of a scatter of the ultrasound pulse by a fluid perfusing the object depending on the ultrasound signal. A property determination unit (15) determines a property of the object depending on the at least one scatter value. In contrast to tissue damage detection methods based on bubble formation an object property related to perfusion like whether tissue is ablated or non-ablated can relatively directly be determined based on the scatter of the ultrasound pulse by the fluid thereby increasing the accuracy of determining a property of the object.

No. of Pages : 53 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SKIN CONTA	ACT DETECTOR	
 (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 	:H03K17/96 :10160655.6 :22/04/2010 :EPO :PCT/IB2011/051663 :18/04/2011 :WO/2011/132129 :NA :NA	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)MAIER Dieter Johann
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system for detecting skin contact comprises a signal generator (9) for generating an electric trigger signal; a reference circuit (10) comprising a capacitance (CREF) and a resistance (RPREF) for generating a reference signal in dependence on the trigger signal; a probe (11) touchable by a skin for measuring a skin response signal in dependence on the trigger signal; and a comparator (4) for comparing the skin response signal with the reference signal. The capacitance (CREF) of the reference circuit (10) represents a lower bound of skin capacitance and the resistance (RPREF) of the reference circuit represents an upper bound of skin resistance

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

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : BEVERAGE CARBONATOR AND METHOD FOR PRODUCING SUCH CARBONATED BEVERAGE

 (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 	:C25B1/00,C01B31/20 :10160758.8 :22/04/2010 :EPO :PCT/IB2011/051491 :07/04/2011 :WO/2011/132101 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)GOTTENBOS Bart 2)GREUEL Georg 3)RONDA Cornelis Reinder 4)NOTTEN Petrus Henricus Laurentius
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(57) Abstract :

The invention provides a beverage carbonator (1) for providing a carbonated beverage (2). The beverage carbonator (1) comprises (a) a CO2 generation unit (10) comprising a photo electrochemical cell (22) arranged to convert an organic compound (23) in a first liquid (21) comprising the organic compound (23) under influence of light (24) into at least CO2 and to produce a CO2 comprising gas (25) (b) a pressure regulator (30) arranged to pressurize the CO2 comprising gas (25) and (c) a mixing chamber (40) for mixing the CO2 comprising gas (25) under pressure into a second liquid (41) to provide the carbonated beverage (2).

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

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHTING SYSTEM INCLUDING COLLIMATORS ALIGNED WITH LIGHT EMITTING SEGMENTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01L27/15,F21S8/12,H01L33/00 :12/767513 :26/04/2010 :U.S.A.	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
 (86) International Application No Filing Date (87) International Publication No 	:PCT/IB2011/051789 :25/04/2011 :WO/2011/135508	2)PHILIPS LUMILEDS LIGHTING COMPANY LLC (72)Name of Inventor : 1)BIERHUIZEN Serge J.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A light source comprising a semiconductor light emitting device is connected to a mount. The light emitting device comprises a plurality of segments with neighboring segments spaced less than 200 microns apart. In some embodiments multiple segments are grown on a single growth substrate. Each segment comprises a light emitting layer disposed between an n-type region and a p-type region. A spacer is positioned on a top surface of the mount. The light emitting device is positioned in an opening in the spacer. A plurality of collimators is attached to the spacer wherein each collimator is aligned with a single segment

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

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : X-RAY DETECTOR WITH IMPROVED SPATIAL GAIN UNIFORMITY AND RESOLUTION AND METHOD OF FABRICATING SUCH X-RAY DETECTOR

 (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 	:G01T1/20 :10160988.1 :26/04/2010 :EPO :PCT/IB2011/051681 :19/04/2011 :WO/2011/135486 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)VERSCHUREN Coen Adrianus 2)STEINHAUSER Heidrun 3)POORTER Tiemen 4)CORNELISSEN Hugo Johan
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(57) Abstract :

An X-raydetector (1) is proposed comprising a light detection arrangement (3) such as a CMOS photodetector a scintillator layer (5) such as a CsI:Tl layer a reflector layer (9) and a light emission layer (7) interposed between the scintillator layer (5) and the reflector layer (9). The light emission layer (7) may comprise an OLED and may be made with a thickness of less than 50 μ m. Thereby a sensitivity and resolution of the X-raydetector may be improved.

No. of Pages : 20 No. of Claims : 13

(21) Application No.8280/CHENP/2012 A

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : LED WAFER WITH LAMINATED PHOSPHOR LAYER

No :PCT/IB2011/051849 No :27/04/2011 (87) International Publication :WO 2011/135528 (61) Patent of Addition to :NA Application Number :NA Filing Date :NA (62) Divisional to Application :NA Number :NA Filing Date :NA	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	ⁿ :PCT/IB2011/051849 :27/04/2011 ⁿ :WO 2011/135528 :NA :NA	
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(57) Abstract :

An LED wafer with a growth substrate (32) is attached to a carrier substrate by (38) for example a heat - releasable adhesive (36) so that the LED layers are sandwiched between the two substrates. The growth substrate (32) is then removed such as by laser lift-off. The exposed surface (46) of the LED layers is then etched (44) to improve light extraction. A preformed phosphor sheet (48) matched to the LEDs is then affixed to the exposed LED layer. The phosphor sheet (48) LED layers (30) and optionally the carrier substrate (38) are then diced (54) to separate the LEDs. The LED dice are released from the carrier substrate by heat or other means and the individual LED dice are mounted on a submount wafer using a pick-and-place machine. The submount wafer is then diced to produce individual LEDs.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPLIANC	CE METHODOLOGY	
 (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 	:G06F17/30 :12/698,952 :02/02/2010 :U.S.A.	 (71)Name of Applicant : 1)BANK OF AMERICA CORPORATION Address of Applicant :NC1-027-20-05 214 N. Tryon Street Charlotte North Carolina 28255 United States of America (72)Name of Inventor : 1)GUPTA Poornima
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods computer readable media and apparatuses for evaluating compliance with laws regulations and/or policies are presented. A metric definition for a metric may be received the metric measuring an aspect of a business process. The measured aspect may represent a compliance concern. A first sigma score for the metric may be determined based on a number of opportunities and a number of defects. A second sigma score for the business process may be determined. A third sigma score for a business unit may be determined the business unit implementing the business process. A fourth sigma score for a business segment may be determined the segment managing the business unit. A report may be generated the report including the first sigma score the second sigma score the third sigma score and the fourth sigma score.

No. of Pages : 35 No. of Claims : 21

(21) Application No.8249/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : POWER SAVINGS THROUGH COOPERATIVE OPERATION OF MULTIRADIO DEVICE

 (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 	:H04W8/00,H04L29/08 :12/759,916 :14/04/2010 :U.S.A. :PCT/US2011/032540 :14/04/2011 :WO 2011/130543 :NA :NA :NA :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)SOLIMAN Samir S. 2)CHAUBEY Nishith K. 3)AWONIYI Olufunmilola O 4)VISWANATHAN Ramanathan
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(57) Abstract :

Proxy discovery for mobile networks having cooperative multiradio devices is provided through short range discovery and assistance from the network. In some aspects a dedicated message is sent in response to a request from the client. The dedicated message includes a proxy list. The client uses the proxy list to discover those proxies on the list. Other aspects provide for the proxy list to be included in broadcast messages from the network. Thus clients receive the broadcast messages and extract the proxy list for discovery purposes. Other aspects provide for the client to detect all of the wireless devices in...

No. of Pages : 79 No. of Claims : 28

(21) Application No.8251/CHENP/2012 A

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : MULTIPHASE FLOWMETER WITH BATCH SEPARATION

a :G01F1/74,E21B47/10,G01F15/08 :61/333,996 :12/05/2010 :U.S.A. :PCT/US2011/035688 :09/05/2011 :WO/2011/143084 :NA :NA	 (71)Name of Applicant : 1)ROSEMOUNT INC. Address of Applicant :12001 Technology Drive Eden Prairie MN 55344 United States of America. (72)Name of Inventor : 1)PIHLAJA Roger K. 2)LAIS Kelli K. 3)IMPOLA Morgan B. 4)SAMES Brian J.
:NA :NA	
	:61/333,996 :12/05/2010 :U.S.A. :PCT/US2011/035688 :09/05/2011 :WO/2011/143084 :NA :NA :NA

(57) Abstract :

A process fluid flow system (100) is provided having an input (102) an output (138) and a plurality of fluid circuits disposed between the input (102) and output (138). At least one valve (120 122) is disposed to selectably cause process fluid to flow through either a first circuit of the plurality of circuits or a second circuit of the plurality of circuits. Process fluid flows through the first circuit during normal production and through the second circuit during process fluid sequestration. A process fluid flow measurement device (106) is operably interposed between the input (102) and output (138) and is configured to measure total flow through the system (100). A separator (140) is disposed in the second circuit and is arranged to allow the process fluid to separate gravitationally

No. of Pages : 24 No. of Claims : 16

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : BROADCAST CHANNEL ALLOCATION BASED ON INTERFERENCE

 (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 	:H04W72/04 :61/323,853 :13/04/2010 :U.S.A	 (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)BARBIERI Alan 2)JI Tingfang 3)LUO Tao 4)VAJAPEYAM Madhavan Srinivasan 5)SONG Osok 6)DAMNJANOVIC Aleksandar 7)WEI Yongbin 8)AGASHE Parag Arun 9)MALLADI Durga Prasad
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(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which an apparatus may determine broadcast channel scheduling information for one or more broadcasts of a payload by a broadcast channel associated with a first base station based on one or more broadcast channel interference coordination schemes wherein reception of the broadcast channel associated with the first base station is interfered at least in part based on one or more transmissions from a second base station and receive the payload based on the determined broadcast channel scheduling information.

No. of Pages : 77 No. of Claims : 96

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING R-PDCCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :20 Yeouido-dong Yeongdeungpo-gu Seoul 150-721 Republic of Korea (72)Name of Inventor : 1)KIM Hakseong 2)SEO Hanbyul
Filing Date	:17/06/2011	3)KIM Kijun
(87) International Publication No	:WO/2011/159132	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and apparatus for transmitting and receiving a Relay Physical Downlink Control Channel (R-PDCCH) being a control channel for a relay node (RN) in a wireless communication system are disclosed. To transmit an R-PDCCH to a RN a BS includes a processor for interleaving a predetermined number of Control Channel Elements (CCEs) mapping the interleaved CCEs to at least one Virtual Resource Block (VRB) configured for R-PDCCH transmission mapping the at least one VRB to at least one Physical Resource Block (PRB) and a transmitter for transmitting the R-PDCCH to the RN through the at least one PRB.

No. of Pages : 161 No. of Claims : 14

(21) Application No.7985/CHENP/2012 A

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 02/01/2015

(51) International classification	:H04L1/00	(71)Name of Applicant :
(31) Priority Document No	:10305348.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:02/04/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051250	(72)Name of Inventor :
Filing Date	:24/03/2011	1)MOULSLEY Timothy James
(87) International Publication No	:WO/2011/121499	2)TESANOVIC Milos
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(54) Title of the invention : A METHOD FOR OPERATING A SECONDARY STATION

(57) Abstract :

The invention relates to a method for operating a secondary station the secondary station communicating with at least one primary station by means < MIMO transmissions the method comprising the secondary station signaling a single precoding indicator representative of a set of recommended precoding coefficients to the primary station wherein the same precoding indicator applies for a plurality of available transmission modes.

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

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD FOR OPERATING A MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W72/04,H04L5/00,H04W72/12	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(31) Priority Document No	:10305349.2	Address of Applicant :GROENEWOUDSEWEG 1
(32) Priority Date	:02/04/2010	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(33) Name of priority country	y:EPO	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No (11) Detected 6.4 Mathematication 	:PCT/IB2011/051254 :24/03/2011 ¹ :WO/2011/121501	1)MOULSLEY Timothy James
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
(62) Divisional to	:NA :NA	

(57) Abstract :

The invention relates to a method for operating a secondary station to search for PDCCH in search spaces on a plurality of component carriers wherein the component carriers comprise an anchor carrier and a plurality of other carriers and the search spaces change in a preconfigured way with the time.

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

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : REDUCING	VISIBILITY OF 3D NOI	SE
 (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 		SE (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS Netherlands (72)Name of Inventor : 1)KLEIN GUNNEWIEK Reinier Bernardus Maria 2)BRULS Wilhelmus Hendrikus Alfonsus
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A 3D video device (40 50) is provided for processing a three dimensional [3D] video signal for avoiding visual disturbances during displaying on a 3D display (63). The 3D video signal comprises a left view and a right view for generating a 3D effect. The invention involves recognizing and solving a so-called dirty window effect i.e. the problem that correlation between noise in both views results in the 3D noise being perceived on a particular depth. The video processor (42 52 53) is arranged for processing the 3D video data in dependence of at least one amount of visual disturbances to be expected during displaying of the 3D video data due to correlation of coding noise between said views for reducing said correlation of coding noise.

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

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR MULTI - RADIO COEXISTENCE

 (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 Data 	:61/319,324 :31/03/2010 :U.S.A. :PCT/US2011/030557 :30/03/2011 :WO/2011/123550 :NA :NA :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)DAYAL Pranav 2)KADOUS Tamer Adel 3)MANTRAVADI Ashok 4)WANG Jibing 5)PRAKASH Rajat
Filing Date	:NA :NA	5)FRARASH Rajal

(57) Abstract :

A method of wireless communication includes identifying one or more coexistence issues corresponding to a utilized set of communication resources of a User Equipment (UE). The method also includes communicating an indication of the coexistence issue(s) to a serving base station.

No. of Pages : 45 No. of Claims : 32

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CHARGE STORAGE DEVICE METHOD OF MAKING SAME METHOD OF MAKING AN ELECTRICALLY CONDUCTIVE STRUCTURE FOR SAME MOBILE ELECTRONIC DEVICE USING SAME AND MICROELECTRONIC DEVICE CONTAINING SAME

(51) International classification(31) Priority Document No	:H01G4/005 :NA	(71)Name of Applicant : 1)INTEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2200 MISSION COLLEGE BLVD.
(33) Name of priority country	:NA	SANTA CLARA CA 95052 USA
(86) International Application No	:PCT/US2010/029821	(72)Name of Inventor :
Filing Date	:02/04/2010	1)GARDNER Donald S.
(87) International Publication No	:WO 2011/123135	2)HANNAH Eric C.
(61) Patent of Addition to Application	:NA	3)CHEN Rong
Number	:NA	4)GUSTAFSON John L
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one embodiment a charge storage device includes first (110) and second (120) electrically conductive structures separated from each other by a separator (130). At least one of the first and second electrically conductive structures includes a porous structure containing multiple channels (111 121). Each one of the channels has an opening (112 122) to a surface (115 125) of the porous structure. In another embodiment the charge storage device includes multiple nanostructures (610) and an electrolyte (650) in physical contact with at least some of the nanostructures. A material (615) having a dielectric constant of at least 3.9 may be located between the electrolyte and the nanostructures.

No. of Pages : 34 No. of Claims : 54

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : LASER SCANNING SYSTEM HAIR-CUTTING DEVICE AND CORRESPONDING METHOD

 (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 	:G02B26/10,A61B18/20,A61N5/067 :10158930.7 :01/04/2010 :EPO :PCT/IB2011/051327 :29/03/2011	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)VERHAGEN Rieko
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a laser scanning system (1) for scanning a laser beam (3) of a hair cutting device the laser scanning system (1) comprising a laser scanning device (7) for generating a scanning movement of the laser beam and a movable optical device (5) for adjusting and/or focussing the laser beam. According to the invention the laser scanning device (7) comprises an arrangement with at least one movable optical element (11) which is mechanically coupled to the movable optical device (5) and an optical system (13) fixed to the laser scanning device (7)

No. of Pages : 18 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FEED ROLLER ARRANGEMENT IN A TEXTILE CARDING MACHINE

(51) International classification:D0(31) Priority Document No:NA(32) Priority Date:NA	,
(33) Name of priority country :NA	COIMBATORE 641 020 Tamil Nadu India
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)DHARMAM DAVID
(87) International Publication No : NA	A 2)PONNUSWAMY SOUNDARARAJAN
(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 feed roller arrangement in a textile carding machine. In one embodiment, the arrangement includes a lickerin roller (8) and a main carding cylinder (9) cooperating therewith, a feed roller (7) arranged immediately upstream of the licker-in roller (8) as viewed in a direction of material feed into the carding machine (1) and a feed table (12) cooperating with the feed roller (7) for advancing fibre batt to the licker-in roller (8), where the diameter of the feed roller (7) is substantially equal to the diameter of the licker-in roller (8) so that the fibre batt from the feed table (12) is fed directly on to the zone of nipping plane of the feed roller surface thereby facilitating the fibre batt feeding. Figure 3 (for publication) 10

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

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

(43) Publication Date : 02/01/2015

4L29/02	(71)Name of Applicant :
Δ	1)ALCATEL LUCENT
Δ	Address of Applicant :3 avenue Octave Grard F-75007 Paris
Δ	France
T/CN2010/071496	(72)Name of Inventor :
/04/2010	1)XIANGYANG LI
O/2011/120229	2)YIGANG CAI
A	
1	
Δ	
1	
	T/CN2010/071496 04/2010 D/2011/120229

(54) Title of the invention : QOS THROTTLING FOR MOBILE DEVICES

(57) Abstract :

Communication networks and methods are disclosed for performing Quality of Service (QoS) throttling for mobile devices. One embodiment comprises a network element that serves a mobile device for data services. The network element includes a control system that monitors usage of the mobile device that is accessing the data services. The network element further includes a policy system that identifies that the usage of the mobile device reaches a usage threshold, and determines a reduced QoS responsive to reaching the usage threshold. The control system then downgrades the QoS provided to the mobile device for data services based on the reduced QoS. The policy system may further send a notification to the mobile device that the QoS is reduced.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : HIGH REFRACTIVE INDEX COATINGS AND THEIR USE IN THE PROTECTION OF SURFACE RELIEF STRUCTURES

 (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 	:G02B5/18,B32B33/00,B32B5/16 :2010901324 :25/03/2010 :Australia :PCT/AU2011/000327 :23/03/2011 :WO/2011/116419 :NA :NA	 (71)Name of Applicant : 1)SECURENCY INTERNATIONAL PTY LTD Address of Applicant :Potter Street Craigieburn Victoria 3064 Australia (72)Name of Inventor : 1)LOK Phei 2)POWER Gary Fairless 3)BATISTATOS Odisea
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

High refractive index coatings comprising metal oxide particles are provided. Dispersions of metal oxide particles in solvent are also provided. These find use in the protection of surface relief structures. In some embodiments the coatings or dispersions contain UV-curable resins. The coatings and dispersions find application in the field of security devices and documents and tokens incorporating security devices.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : HEAT-SEALABLE BIODEGRADABLE PACKAGING MATERIAL A METHOD FOR ITS MANUFACTURE AND A PRODUCT PACKAGE MADE FROM THE MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B65D65/46,B32B27/12,B32B27/36 :20105247 :12/03/2010 :Finland :PCT/FI2011/050215 :11/03/2011	 1)STORA ENSO OYJ Address of Applicant :PL 309 FI-00101 Helsinki Finland (72)Name of Inventor : 1)PENTTINEN Tapani 2)NEVALAINEN Kimmo
Filing Date (87) International Publication No	:WO 2011/110750	3)KUUSIPALO Jurkka 4)KOSKINEN Tapio 5)KOTKAMO Sami
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	ⁿ :NA :NA	

(57) Abstract :

The invention relates to a heat-sealable biodegradable packaging material its manufacturing method and a product package formed thereof. The packaging material comprises a fibre substrate (1) an inner polymeric coating layer (2) against the same which contains polylactide and a biodegradable polyester that is blended therewith to improve the adhesion between the layer and the fibre substrate and an outer coating layer (3) that constitutes the outer surface of the material and contains polylactide and a biodegradable polyester that is blended therewith to improve the heat sealing ability of the layer the portion of polylactide in the inner layer (2) being higher than that in the outer layer (3). The inner and/or outer coating ...

No. of Pages : 17 No. of Claims : 18

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : AUSTENITIC HEAT-RESISTANT CAST STEEL

 (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 	:PCT/IB2011/000740 :05/04/2011	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota-cho Toyota-shi Aichi-ken 471-8571 Japan 2)AISIN TAKAOKA CO. LTD. (72)Name of Inventor : 1)GENMA Yoshikazu 2)KURAMOTO Go 3)ZHANG Zhong-zhi
Filing Date (62) Divisional to Application Number Filing Date	^l :NA :NA	

(57) Abstract :

An iron (Fe)-based austenitic heat-resistant cast steel includes based on a total of 100 mass% (indicated below simply as %): 0.4 to 0:8% of carbon (C) 3.0% or less of silicon (Si) 0.5 to 2.0% of manganese (Mn) 0.05%» or less of phosphorus (P) 0.03 to 0.2% of sulfur (S) 18 to 23% of chromium (Cr) 3.0 to 8.0% of nickel. (Ni) and 0.05 to 0.4%) of nitrogen (N). A ratio of chromium (Cr) to carbon (C) is in a range of 22.5 = Cr/C = 57.5. The cast steel includes one or two or more of vanadium (V) molybdenum (Mo) tungsten (W) and niobium (Nb) in a total amount of less than 0.2%.

No. of Pages : 33 No. of Claims : 5

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:H04W84/04	(71)Name of Applicant :
(31) Priority Document No	:0821047.8	1)IP. ACCESS LIMITED
(32) Priority Date	:18/11/2008	Address of Applicant :BUILDING 2020, CAMBOURNE
(33) Name of priority country	:U.K.	BUSINESS PARK, CAMBOURNE, CAMBRIDGE, CB23 6DW
(86) International Application No	:PCT/EP2009/008094	U.K.
Filing Date	:13/11/2009	(72)Name of Inventor :
(87) International Publication No	:WO 2010/057595 A1	1)DAVID NEIL
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application NumberFiling Date	:NA :NA	

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING ACCESS TO A PACKET DATA NETWORK

(57) Abstract :

AIJ.S:;-;!V,E: A:i access point supports commsmication m . iemto cell of a edkiinr communication nei'.vork. The i'.ece:;s ;;,,oinr cumprb'es transceiver circuitry arranged to enable cominv.aicailoa with. at iecsst oue wireless cuirmmiiuiuUou unit located wiihia the -ei'.uo cell. and a signal processiji-w logic module comprising aii access potrs-t controller interface logic module arranged to enable communication between ihe access point and an access point controller. The signal processing logic module limber compris-es a Eaiewavjosk module amused to provide an interface between the at iest cue wirehss camnumication iuiir locked within ihe (Ir.uo «ted a packet data network.AIJ.S:;-;!V,E: A:i access point supports commsmication m . iemto cell of a edkiinr communication nei'.vork. The i'.ece:;s ;;,oinr cumprb'es transceiver circuitry arranged to enable cominv.aicailoa with. at iecsst oue wireless cuirmmiiuiuUou unit located wiihia the -ei'.uo cell. and a signal procesjji-w logic module comprising aii access potrs-t controller interface logic module unit located wiihia the -ei'.uo cell. and a signal procesjji-w logic module comprising aii access potrs-t controller interface logic module arranged to enable cominv.aicailoa with. at iecsst oue wireless cuirmmiiuiuUou unit located wiihia the -ei'.uo cell. and a signal procesjji-w logic module comprising aii access potrs-t controller interface logic module arranged to en-able communication between ihe access point and an access point controller. The signal processing logic module limber compris-es a Eaiewavjosk module amused to provide an interface between the at iest cue wirehss camnumicaiion iuiir locked within ihe (Ir.uo «ted a packet data network.

No. of Pages : 37 No. of Claims : 28

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : VOICE NOTIFICATION TO THE DESTINATION OF A TEXT MESSAGE THAT IS ENGAGED IN A VOICE CALL

 classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/CN2010/071091 :17/03/2010	 (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :54 Rue La Botie F-75008 Paris France (72)Name of Inventor : 1)YIGANG CAI 2)XIANGYANG LI
No (61) Patent of Addition to	:NA :NA	

(57) Abstract :

Systems and methods are disclosed that provide a voice notification to an end user while the end user is on an active voice call, where the voice notification includes information on a text message that was received. A system in one embodiment includes a message delivery system that receives a text message intended for a destination, and initiates delivery of the text message to the destination. The system also includes a message notification system that detects that the destination is engaged in an active voice call during the delivery of the text message, identifies information for the text message, converts the text message information into voice data to generate a voice notification, and initiates transmission of the voice notification to the destination to be played during the active voice call.

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

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : POLYPEPTIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (33) Name of priority country (34) Priority Date (35) 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 (63) Divisional to Application Number (64) Patent (65) Divisional to Application Number (65) Divisional to Application Number (65) Divisional to Application 	/000980	 (71)Name of Applicant : 1)OSLO UNIVERSITY HOSPITAL HF Address of Applicant :Rikshospitalet N-0027 Oslo Norway (72)Name of Inventor : 1)GAUDERNACK Gustav 2)RASMUSSEN Anne-Marie 3)SUSO Else Marit Inderberg
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(57) Abstract :

A polypeptide comprising the sequence of SEQ. ID NO. 2 3 4 7 or 8. The polypeptide may have the sequence of an immunogenic fragment thereof comprising at least eight amino acids wherein the immunogenic fragment is not one of SEQ. ID NOS. 6 or 11 to 16. The polypeptide may have a sequence having at least 80% sequence identity to the aforementioned polypeptide or immunogenic fragment. The polypeptide is less than 100 amino acids in length and does not comprise the sequence of any of SEQ. ID NOS. 10 46 56 57 or 59 to 62 and does not consist of the sequence of SEQ ID NO. 58. The polypeptide is useful in the treatment or prophylaxis of cancer.

No. of Pages : 65 No. of Claims : 19

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : HELICAL WINDING OF INSULATED CONDUCTOR HEATERS FOR INSTALLATION (51) International classification :E21B36/04 (71)Name of Applicant : 1)SHELL INTERNATIONALE RESEARCH (31) Priority Document No :61/322,664 (32) Priority Date MAATSCHAPPIJ B.V. :09/04/2010 (33) Name of priority country Address of Applicant :Carel van Bylandtlaan 30 NL-2596 HR :U.S.A. (86) International Application No :PCT/US2011/031565 The Hague Netherlands (72)Name of Inventor : Filing Date :07/04/2011 (87) International Publication No :WO/2011/127272 1)BASS Ronald Marshall (61) Patent of Addition to Application 2) DE ST. REMEY Edward Everett :NA Number **3)HARLEY Robert Guy** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method for installing two or more heaters in a subsurface formation includes providing a spool having a substantially helical configuration of two or more heaters that have been spooled on the spool. The helical configuration of heaters is unspooled from the spool and the helical configuration of heaters is installed into an opening in a subsurface formation.

No. of Pages : 36 No. of Claims : 19

(21) Application No.7984/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR FAST LINK LAYER HANDOFF IN HETEROGENEOUS NETWORKS		
 (54) File of the invention : METHOD (51) (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 	:H04W36/00 :61/321162 :06/04/2010 :U.S.A.	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)SCHMITT Ruediger

(57) Abstract :

When handing off a multi-mode patient monitoring device (PMD) (28) between radio access technology (RAT) networks a serving access point (AP) (12 16 72) with which a communication link is established by the PMD (28) over a first RAT network (RAT-1) to permit the PMD to communicate with a hospital IP network (18) via the serving AP (12 16 72). A scanning interface (14 54 74 104) collects information regarding other available RAT networks (e.g. RAT-2 RAT-3 etc) and candidate APs therein. If the RAT-1 communication quality of service falls below a predetermined threshold level the serving AP (12 16 72) delivers information regarding the candidate APs (22 24 26) and their RAT networks to the PMD (28). Delivery of the candidate network/AP information is performed using a beacon signal continuously or periodically emitted from the serving AP (12 16 72) or upon request by the PMD (28).

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

(21) Application No.8262/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FO	OR TEXT INPUT&NBSP	; APPARATUS AND COMPUTER PROGRAM
 (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 	:G06F3/023 :10156555.4 :15/03/2010 :EPO :PCT/EP2011/052893 :28/02/2011 :WO/2011/113683 :NA :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 Stockholm Sweden (72)Name of Inventor :

(57) Abstract :

method for text input by ambiguous input sequences entered by a user is disclosed. The method comprises a primary process of receiving a user input on an input device having a plurality of selectable input items being associated with characters an input sequence being generated in dependence of selection of an input item wherein the generated input sequence corresponds to the sequence of input items that have been selected and wherein the generated input sequence has a textual interpretation that is antiguous and displaying on a display a textual

No. of Pages : 17 No. of Claims : 23

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SECURITY DOCUMENT WITH INTEGRATED SECURITY DEVICE AND METHOD OF MANUFACTURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B42D15/10,B41M3/14,B44F1/12 :2010901243 :24/03/2010 :Australia	 (71)Name of Applicant : 1)SECURENCY INTERNATIONAL PTY LTD Address of Applicant :Potter Street Craigieburn Victoria 3064 Australia
 (86) International Application No Filing Date (87) International Publication No 	:PCT/AU2011/000337 :24/03/2011 :WO/2011/116425	 (72)Name of Inventor : 1)POWER Gary Fairless 2)BATISTATOS Odisea 3)SWIFT Patrick 4)JOLIC Karlo Ivan
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	
Filing Date	:NA	

(57) Abstract :

A security document (1) is provided having a substrate (4) and an integral security device (10) which includes an image layer (12) and a focussing layer (11). each formed from a radiation curable ink layer embossed with relief formations (13; 15). The first radiation curable layer embossed with relief formations (13) to form the image layer (12) is provided on a first surface of the document and the second radiation curable layer (11) embossed with focussing element relief formations (15) is provided on a second surface of the document. The first and second surfaces are separated by a predetermined distance D to produce a visible optical effect when viewing the image layer

No. of Pages : 39 No. of Claims : 23

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : INDUCTANC	CE COMPENSATION IN	A PRESSURE SUPPORT SYSTEM
 (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 	:A61M16/00 :61/333291 :11/05/2010 :U.S.A. :PCT/IB2011/051814 :26/04/2011 :WO/2011/ 141845 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)SHELLY Benjamin Irwin 2)CHATTERJEE Pooja 3)HILL Peter Douglas

(57) Abstract :

A system and method for delivering a flow of gas to an airway of a patient (54). The system includes a gas flow generator (52) and a patient circuit (56) comprising a conduit (100) that communicates the flow of gas to a patient. A sensor (62) is configured to measure a rate of the flow gas and generate flow signals based on the measured rate of flow. A controller (64) is operatively connected with the gas flow generator (52) and the sensor (62) and is configured to control a pressure of the flow of gas provided to the patient.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHTING MODULE

(-) -)		 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)CREUSEN Martinus Petrus
No	:WO/2011/141846	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A lighting module (1) comprising at least one light emitting device (3) arranged on a first carrier (10); driving electronics (4) for driving the at least one light emitting device (3) arranged on a second carrier (11); and an optical interface (5) for outputting light emitted by the at least one light emitting device (3) wherein the second carrier (11) is arranged in a plane substantially parallel to the first carrier (10) wherein the first (10) and second (11) carriers are configured such that a projection of the first carrier (10) onto the plane is substantially non-overlapping with the second carrier (11) so as to form a non-overlapping region wherein the driving electronics is at least partially arranged in the non-overlapping region. The inventive lighting module enables more efficient use of the space in the lighting module.

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

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR MAKING HIGH PURITY METAL OXIDE PARTICLES AND MATERIALS MADE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C01G9/02 :12/701,862 :08/02/2010 :U.S.A. :PCT/US2011/023695	 (71)Name of Applicant : 1)Momentive Performance Materials Inc. Address of Applicant :22 Corporate Woods Blvd 2nd Floor Albany New York 12211 USA (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application	:04/02/2011 :WO/2011/097444	1)DEVERA Antonio L.
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA :NA	

(57) Abstract :

The present invention is directed to a method of making metal oxide and mixed metal oxide particles. The method includes treating a mixture formed from a metal source such as metal alkoxide a surfactant and a first alcohol in an aqueous media at a very high metal oxide yield. The mixture is reacted using a catalyst to form metal oxide particles having a desired particle size in said mixture. The method is particularly suitable for forming silica particles. The metal oxide particles can then be heat treated to form synthetic fused metal oxide such as for example synthetic fused silica.

No. of Pages : 42 No. of Claims : 44

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND APPARATUS PROVIDING INTELLIGENT RADIO SELECTION FOR LEGACY AND NON-LEGACY APPLICATIONS

(51) International classification	:H04W48/18	(71)Name of Applicant :
(31) Priority Document No	:61/305,091	1)QUALCOMM INCORPORATED
(32) Priority Date	:16/02/2010	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2011/025107	(72)Name of Inventor :
Filing Date	:16/02/2011	1)GERARDO GIARETTA
(87) International Publication No	:WO/2011/103203	2)DAVID WILLIAM CRAIG
(61) Patent of Addition to Application	:NA	3)JULIEN H. LAGANIER
Number	:NA	4)JAY KUMAR SUNDARARAJAN
Filing Date	.1\A	5)KALLE ILMARI AHMAVAARA
(62) Divisional to Application Number	:NA	6)GEORGIOS TSIRTSIS
Filing Date	:NA	7)HAIPENG JIN

(57) Abstract :

Methods and apparatus providing intelligent interface selection for legacy and non-legacy applications. The method includes intercepting a networking function call from an application desiring radio access, selecting a radio from a plurality of candidate radios based on selection criteria, and binding the radio to the application. To facilitate flow mobility, the method includes allocating an ephemeral port to the radio, generating a flow binding rule based only on the ephemeral port, and signaling the flow binding rule to a home agent.

No. of Pages : 34 No. of Claims : 46

(21) Application No.76/CHE/2013 A

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ULTRA LOW ENERGY CONSUMING SUBMERSSIBLE PUMPS AND SELF PRIMING PUMPS (51) International classification :F04D (71)Name of Applicant :

(31) International classification	.F04D	((71)Name of Applicant:
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant : PLOT NO : 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500037 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this invention, solid state illumination devices like high bright color leds, laser diodes etc are used in producing different colored light emissions, passing through optical lenses to give optical illusions on sign boards, ad hoardings etc. The whole system can be controlled with intelligent automated control system to feed any type of animated displays to be projected. With this kind of ultra low energy consuming light resources utilization, maximum power reduction can be achieved and boards can be illuminated with solar power or battery power.

No. of Pages : 8 No. of Claims : 10

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : LENALIDOMIDE AND THALIDOMIDE IMMUNOASSAYS

(57) Abstract :

Novel conjugates and immimogens derived from lenalidomide and antibodies generated by these immimogens are useful in immunoassays for the quantification and monitoring of thalidomide and lenalidomide in biological fluids.

No. of Pages : 64 No. of Claims : 80

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : GATEWAY DEVICE FOR EXTENDING IMS SERVICES TO REACH LOCAL NETWORKS AND DEVICES COMMUNICATING THEREON

classification	:H04L12/28,H04L29/06,H04N7/173	(71)Name of Applicant : 1)QUALCOMM INCORPORATED
(31) Priority Document No	:12/765,941	Address of Applicant : Attn: International IP Administration
(32) Priority Date	:23/04/2010	5775 Morehouse Drive San Diego California 92121-1714
(33) Name of priority country	v:U.S.A.	United States of America.
 (86) International Application No Filing Date 	¹ :PCT/US2011/033638 :22/04/2011	(72)Name of Inventor : 1)RAVEENDRAN Vijayalakshmi R.
(87) International Publication No	:WO/2011/133908	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The application relates to providing IMS multimedia content to devices which are either not IMS-enabled (6a - 6d) or IMS-enabled (16) but not so well suited for the provided content. In order to extend the IMS service to these devices a gateway device (4) is provided which receives the multimedia content from a content-providing device such as an IMS application (14) or proxy server (12) converts the content to the appropriate format in terms of protocol e.g. Digital Living Network Alliance or media coding e.g. HD video and transmits the converted content via a local network (10) such as Wi-Fi network home network or enterprise network.

No. of Pages : 44 No. of Claims : 52

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : MEDICAL BODY AREA NETWORK (MBAN) WITH KEY-BASED CONTROL OF SPECTRUM USAGE

Number .NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	Filing Date (62) Divisional to Application Number	:28/03/2011 :WO/2011/128796 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)WANG Dong 2)GHOSH Monisha 3)SMITH Delroy
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(57) Abstract :

A medical body area network (MBAN) system (10) comprises network nodes (12 14) intercommunicating via short range wireless communication. A primary user database (46) contains information pertaining to usage of a restricted spectrum by primary users wherein the MBAN systems are secondary users of the restricted spectrum. An electronic key generation engine (44) comprises a digital processing device configured to generate an electronic key (E-key) (50) indicative of whether the MBAN system is allowed to use the restricted spectrum based on content of the primary users database. An MBAN application server (40) is configured to distribute the E-key to the MBAN system.

No. of Pages : 27 No. of Claims : 20

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : PREPARING APPARATUS FOR PREPARING AN INFLUENCING PROCEDURE FOR INFLUENCING A SUBJECT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority countr (86) International 	-	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)MARTENS Hubert Cecile Francois
Application No Filing Date (87) International Publication No	:PCT/IB2011/051384 :31/03/2011 ¹ :WO/2011/128800	2)RENSEN Judith Margreet 3)DECRE Michel Jose
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention relates to a preparing apparatus for preparing an influencing procedure for influencing a subject. The preparing apparatus (1) comprises a subject coil (3) for generating a magnetic resonance image of he subject (7) an instrument guide device (5) for guiding an instrument (6) for influencing the subject (7) a marker (9) being visible in the magnetic resonance image and an attaching element for attaching the instrument guide device (5) to the subject coil (3) in a known spatial relationship. Since the spatial relationship between the instrument guide device (5) and the subject coil (3) is known if they are attached to each other a time consuming registration procedure for registering an influence trajectory which has been planned based on the magnetic resonance image and the instrument guide device (5) can be avoided.

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

(19) INDIA

(22) Date of filing of Application :08/10/2012

(54) Title of the invention : PROCESS ANALYSIS

(43) Publication Date : 02/01/2015

(51) International classification	:G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:1004226.5	1)BAE SYSTEMS PLC
(32) Priority Date	:15/03/2010	Address of Applicant :6 Carlton Gardens London SW1Y
(33) Name of priority country	:U.K.	5AD U.K.
(86) International Application No	:PCT/GB2011/050436	(72)Name of Inventor :
Filing Date	:04/03/2011	1)GEORGE MORGAN MATHEWS
(87) International Publication No	:WO/2011/114129	2)DAVID NICHOLSON
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MARK LAWRENCE WILLIAMS 4)ANDREW PETER HENRY MCABE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus for and a method of analysing a process, the method comprising: generating a process template (51); determining a probabilistic model specifying the process template (51) and comprising:task nodes for tasks (T1 - T6) of the process; observables nodes for observables (01 - 07) that may be caused by performance of the tasks (T1 - T6); and background activities node; wherein the observables may further be caused by background activities (B) of the background node; measuring values of an observable corresponding to one of the observables nodes; andupdating a probabilistic estimate of the process state using the measured values. This may be performed to estimate a probability that the measured values are caused by the performance of a certain task (T1 - T6) and/or the background activities (B), to estimate whether the process has begun, and/or to estimate which task (T1 - T6) is being performed when the measured values are measured.

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

(22) Date of filing of Application :07/01/2013

(54) Title of the invention : ULTRA MECHANICAL ADVANTAGE BASED PULVERIZERS, STONE CRUSHERS, JUICE AND OIL EXTRACTION EQUIPMENTS

(51) International classification	:B02C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500 037 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention, ultra low energy consuming DC motors are used to run i pulverisers, stone crushers, all types of size reduction equipments, juice extraction equipments and oil extraction equipments. Unique design of DC motor operated hydraulic power press of higher loads are eccentrically designed to produce higher impact on the collected material to be crushed. The special kind of DC motors are made up of unique formulation of Samarium/Lanthanum doped Boron Ferrite magnets with Graphite abrasive brushes.

No. of Pages : 8 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 02/01/2015

(51) International classification	:h041	(71)Name of Applicant :
(31) Priority Document No	:61/414872	1)QUALCOMM INCORPORATED
(32) Priority Date	:17/11/2010	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2011/061206	(72)Name of Inventor :
Filing Date	:17/11/2011	1)WENTINK Maarten Menzo
(87) International Publication No	:WO 2012/068384	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1177	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : PHYSICAL LAYER POWER SAVE FACILITY WITH RANDOM OFFSET

(57) Abstract :

Certain aspects of the present disclosure provide methods and apparatus for using a random offset to achieve power savings. For certain aspects a Basic Service Set (BSS) specific offset may be added to the (partial) association identifier (AID) prior to entering the partial AID into a 9 bit field of the physical layer (PHY) header (e.g. bits 13 21 of the NSTS field). The BSS specific offset may be selected randomly by an access point (AP) and signaled to the associated stations (STAs) through the association response or the offset may be communicated to the STA via other means. In this manner the value in the 9 bit field for downlink transmissions may with high likelihood be different from one BSS to the next allowing STAs to remain awake only when a frame is being transmitted to them.

No. of Pages : 47 No. of Claims : 49

(22) Date of filing of Application :16/12/2009

(43) Publication Date : 02/01/2015

(54) Title of the invention : ORGANIC COMPOUNDS

 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 	:A61K31/165,A61K31/275,A61K31/325 :60/525,374 :26/11/2003 :U.S.A. :PCT/EP04/13412 :25/11/2004 :WO/2005/051895 :NA :NA :1830/CHENP/2006 :25/11/2004	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL Switzerland (72)Name of Inventor : 1)BAESCHLIN, DANIEL, KASPAR 2)MAIBAUM, JUERGEN, KLAUS 3)SELLNER, HOLGER
Filed on		

(57) Abstract :

Disclosed are delta-amino-gamma-hydroxy-omega-aryl-alkanoic acid amide compounds of formula (I) and the salts thereof, having renin-inhibiting properties. Also disclosed are pharmaceutical compositions comprising these compounds and methods of administering them for the treatment of hypertension, atherosclerosis, unstable coronary syndrome, congestive heart failure, cardiac hypertrophy, cardiac fibrosis, cardiomyopathy postinfarction, unstable coronary syndrome, diastolic dysfunction, chronic kidney disease, hepatic fibrosis, complications resulting from diabetes, such as nephropathy, vasculopathy and neuropathy, diseases of the coronary vessels, restenosis following angioplasty, raised intra-ocular pressure, glaucoma, abnormal vascular growth, hyperaldosteronism, cognitive impairment, alzheimers, dementia, anxiety states and cognitive disorders.

No. of Pages : 132 No. of Claims : 18

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND APPARATUS FOR DETERMINING AND ASSIGNING SPECTRUM FOR WIRELESS COMMUNICATIONS

(51) International classification	:H04W16/14.H04W72/04	(71)Name of Applicant :
(31) Priority Document No	:12/756,660	1)QUALCOMM INCORPORATED
(32) Priority Date	:08/04/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714 U.S.A.
(86) International Application No	:PCT/US2011/031842	(72)Name of Inventor :
Filing Date	:08/04/2011	1)JUNYI LI
(87) International Publication No	:WO/2011/127445	2)SAURABH R TAVILDAR
(61) Patent of Addition to Application	:NA	3)ALEKSANDAR JOVICIC(Serbian citizen)
Number		4)HONGSEOK KIM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and apparatus for determining band availability and/or allocating one or more frequency bands to a communications device for wireless communications are described. In different locations and/or at different times different frequency bands, e.g., band corresponding to unused TV channels, may be available for allocation. Various described methods and apparatus are well suited for supporting local peer to peer networks in an environment in which a plurality of different technologies are supported. A centralized control device determines and allocates a frequency band to a wireless terminal for use at a given location and at a given time, e.g., for peer to peer communications using a particular technology supported by the wireless terminal. The centralized control device uses database information and information received from a plurality of wireless terminals in making frequency band allocation decisions, performing load balancing, and/or performing interference management.

No. of Pages : 53 No. of Claims : 30

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND APPARATUS FOR CHANNEL SELECTION IN A PEER TO PEER NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International 		 (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)JUNYI LI 2)SAURABH R TAVILDAR 3)ALEKSANDAR JOVICIC (Serbian Citizen) 4)HONGSEOK KIM
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Various embodiments relate to using available spectrum for peer to peer communications and for selecting which of several possibly available channels should be used. Various methods and apparatus are well suited to peer to peer networks in which channel usage decisions are made in a decentralized manner. A wireless terminal generates a list of potential available channels to be used for peer to peer communications, e.g., based on FCC information and/or local sensing. Channels are filled in accordance with a predetermined channel ordering. A wireless terminal migrates between the channels in accordance with changes in the number of peer devices using a channel. The network, in a distributed manner, changes the number of channels in use at a location in response to changes in numbers of active peer devices at a location.

No. of Pages : 67 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :03/10/2012

(54) Title of the invention : LIGHTING DEVICE		
 (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 	:10160813.1 :23/04/2010 :EPO	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)VAN DER WEL Pieter J. C. 2)DINGEMANS Antonius P. M.

(57) Abstract :

There is provided a lighting device and a method to manufacture such a lighting device. The inventive concept is based on manufacturing a lighting device on an at least partly flexible sheet assembly which is rolled into a tube such that the light source of the lighting device is arranged within the tube. The flexible sheet assembly is arranged such that the tube provides a light mixing chamber and light exit surface for the lighting device. Thus the tube shaped lighting device instantly delivers the necessary optical and mechanical properties for easy assembly and the functionality of a light engine.

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

(21) Application No.8429/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 02/01/2015

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:61/325640	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/04/2010	Address of Applicant : GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051338	(72)Name of Inventor :
Filing Date	:29/03/2011	1)QIAN Yuechen
(87) International Publication No	:WO/2011/132097	2)SEVENSTER Merlijn
(61) Patent of Addition to Application	:NA	3)ISNER Giselle Rebecca
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(54) Title of the invention : REPORT VIEWER USING RADIOLOGICAL DESCRIPTORS

(57) Abstract :

A method and a report viewer for viewing a structured report such as medical report describing radiological images using descriptors selected from a predefined list of descriptors includes the acts of opening the medical report; and in response to the opening act searching for a further report related to the descriptors of the medical report and highlighting words and/or sentences in the further report that match keywords derived from the descriptors. The medical report and the further report may be displayed simultaneously with the words and/or sentences being highlighted. The further report may include an unstructured text report and the method further includes mapping the descriptors to findings in the text report and highlighting the findings.

No. of Pages : 41 No. of Claims : 20

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHT EMITTING DEVICE WITH TRENCHES AND A TOP CONTACT

 (87) International Publication No :WO/2011/135471 (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number Filing Date :NA 	 (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 	:PCT/IB2011/051417 :01/04/2011 :WO/2011/135471 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS 2)PHILIPS LUMILEDS LIGHTING COMPANY LLC (72)Name of Inventor : 1)ALDAZ Rafael I. 2)DAVID Aurelien J.F.
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(57) Abstract :

A device includes a semiconductor structure comprising a light emitting layer disposed between an n-type region and a p-type region. A bottom contact disposed on a bottom surface of the semiconductor structure is electrically connected to one of the n-type region and the p-type region. A top contact disposed on a top surface of the semiconductor structure is electrically connected to the other of the n-type region and the p-type region. A mirror is aligned with the top contact. The mirror includes a trench formed in the semiconductor structure and a reflective material disposed in the trench wherein the trench extends through the light emitting layer.

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

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : A METHOD AND AN APPARATUS FOR RECOVERING ENERGY IN HOT-FILL OF A LIQUID FOOD PRODUCT

 (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 	:1000367-1 :13/04/2010 :Sweden :PCT/SE2011/000059 :30/03/2011 :WO/2011/129737 :NA :NA :NA	 (71)Name of Applicant : 1)Tetra Laval Holdings & Finance S.A. Address of Applicant : of Avenue Gnral-Guisan 70 CH-1009 Pully Switzerland (72)Name of Inventor : 1)REWOLLE Bodo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method and an apparatus for recovering energy in the hot fill of a liquid food product. The product is heat treated in a first section (5) of a heat exchanger (4) and is held at this temperature during a certain time interval. The temperature of the product is adapted to the hot-fill temperature in a second section (8) of the heat exchanger (4). The product is hot-filled in a filling machine (10) and the product surplus from the filling machine (10) is cooled in a fourth section (15) of the heat exchanger (4). The product surplus is finally cooled in a third section (12) of the heat exchanger (4) and recycled to production.

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

(21) Application No.8755/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:G06F19/12	(71)Name of Applicant :
(31) Priority Document No	:61/321,555	1)NOVADISCOVERY
(32) Priority Date	:07/04/2010	Address of Applicant :60 avenue Rockefeller F-69008 Lyon
(33) Name of priority country	:U.S.A.	France
(86) International Application No	:PCT/EP2011/001759	2)NOVACARE
Filing Date	:05/04/2011	(72)Name of Inventor :
(87) International Publication No	:WO/2011/124385	1)BOISSEL Jean-Pierre
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : COMPUTER BASED SYSTEM FOR PREDICTING TREATMENT OUTCOMES

(57) Abstract :

This invention relates to computer systems for conducting drug and biomarker discovery drug development and personalized medicine and more generally managing healthcare and in particular to a system and method for predicting the therapeutic value of a treatment to an individual. The treatment is associated with a function that describes in a population of individuals the benefit from a treatment generally in terms of occurrence of a medical event under treatment as a function of the risk (e.g. the occurrence of the medical event) without said treatment.

No. of Pages : 104 No. of Claims : 53

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : LIGHT EMITTING DEVICE GROWN ON WAVELENGTH CONVERTING SUBSTRATE

	¹ :PCT/IB2011/051530 :08/04/2011	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS 2)PHILIPS LUMILEDS LIGHTING COMPANY LLC (72)Name of Inventor : 1)GARDNER Nathan F. 2)DAVID Aurelien J. F. 3)SHCHEKIN Oleg B.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ^h :NA :NA	

(57) Abstract :

In some embodiments of the invention a device includes a substrate and a semiconductor structure. The substrate includes a wavelength converting element (30) comprising a wavelength converting material disposed in a transparent material a seed layer (34) comprising a material on which III -nitride material will nucleate and a bonding (32) layer disposed between the wavelength converting element and the seed layer. The semiconductor structure includes a III -nitride light emitting layer disposed between an n-type region and is grown on the seed layer.

No. of Pages : 25 No. of Claims : 19

(21) Application No.8521/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : LED PACKAGE WITH A ROUNDED SQUARE LENS

 (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 	:PCT/IB2011/051851 :27/04/2011	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS 2)PHILIPS LUMILEDS LIGHTING COMPANY LLC (72)Name of Inventor : 1)BUTTERWORTH Mark
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA ^h :NA :NA	

(57) Abstract :

A rounded square lens is used instead of a hemispherical lens in an LED package to produce a substantially Lambertian light emission pattern. A cross-sectional view of the rounded square lens cut along its diagonal forms a semicircular surface so as to emulate a hemispherical lens in areas close to the diagonal. A cross-sectional view of the lens cut along its width bisecting the lens forms a bullet shaped surface narrower than the semicircular surface but having the same height as the semicircular surface. The four corners of the lens are rounded.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMAGE DATA REGISTRATION FOR DYNAMIC PERFUSION CT		
 (54) Title of the invention : IMAGE DATA (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 	:G06T7/00 :61/331871 :06/05/2010 :U.S.A. :PCT/IB2011/051579 :12/04/2011 :WO/2011/138694 :NA	(71)Name of Applicant : (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)GRASS Michael 2)ISOLA Alfonso Agatino
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

A method of registering a 4D contrast enhanced image data set wherein the 4D contrast enhanced image data set includes image data of the same volume of interest acquired at different timeframes with changing contrast enhancement the volume of interest includes moving structure and the different timeframes correspond to a predetermined motion phase of interest in different timeframes with registering image data corresponding to a plurality of the different timeframes with reference image from one of the timeframes.

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

(21) Application No.8524/CHENP/2012 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : MOTION COMPENSATION AND PATIENT FEEDBACK IN MEDICAL IMAGING SYSTEMS

(31) Priority Document No	:A61B5/11,A61B6/00,G01B11/16 :61/332212	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:07/05/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
 (86) International Application No Filing Date (87) International Publication 	:PCT/IB2011/051340 :29/03/2011	 (72)Name of Inventor : 1)WANG Jinnan 2)CHAN Raymond 3)T HOOFT Gert
No	:WO 2011/138691	4) DESJARDINS Adrien Emmanuel
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)HALL Christopher Stephen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An optical motion sensing system (10) for use in imaging an anatomical structure employs an optical motion sensor (20) including a body contour conforming matrix (BCCM) (30) and an optical fiber (40). Upon BCCM (30) being adjoined to the anatomical structure BCCM (30) structurally conforms at least partially to a surface contour of the anatomical structure for reciprocating any motion by the anatomical structure. Optical fiber (40) is at least partially embedded in the BCCM (30) for generating an encoded optical signal (42) indicative of a shape of the optical fiber (40) responsive to any reciprocal motion by the BCCM (30) during an imaging of the anatomical structure. System (10) further employs a motion tracker (50) responsive to encoded optical signal (42) for periodically reconstructing the shape of optical fiber (40) with each change in the shape of optical fiber (40) representing motion by the anatomical structure.

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

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 02/01/2015

(51) International classification :G06F15/16 (71)Name of Applicant : (31) Priority Document No 1)BANK OF AMERICA CORPORATION :12/751.462 (32) Priority Date :31/03/2010 Address of Applicant :NC1-027-20-05 214 N. Tryon Street (33) Name of priority country Charlotte NC 28255 United States of America :U.S.A. (86) International Application No :PCT/US2011/028603 (72)Name of Inventor : Filing Date 1)BUCHHOP Peter K. :16/03/2011 (87) International Publication No :WO/2011/123245 2)FYK Anne Bradford (61) Patent of Addition to Application 3)SITAR Krsto :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : CONDITIONAL ESTABLISHMENT OF A COMMUNICATIONS CONNECTION WITH A MOBILE TERMINAL IN RESPONSE TO A QUERY FROM THE MOBILE TERMINAL

(57) Abstract :

A mobile implementation channel supports the processing of a request for requested information for a customer of a business. The request may be generated through a wireless terminal and include a customer identification of the customer. Profile information about the customer may then be accessed and the user identification mapped to a device type of the customer. When the profile information indicates that the customer should be invited to interact with a representative the business an invitation message is directed through the corresponding mobile communication channel type to the customers device of the customer. The invitation message may include contact information and the requested information. The contact information may then be utilized to establish a communications connection between the customer and the representative of the business. Otherwise only the requested information is directed through the mobile communication channel type to the customers device.

No. of Pages : 48 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONTACT LENSES FOR MYOPIC EYES AND METHODS OF TREATING MYOPIA

 (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 	:G02C7/04,G02C7/06 :2010900904 :03/03/2010 :Australia :PCT/AU2011/000235 :03/03/2011 :WO/2011/106838 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BRIEN HOLDEN VISION INSTITUTE Address of Applicant :Level 4 North Wing Rupert Myers Building Gate 14 Barker Street University of New South Wales Sydney New South Wales 2052 Australia (72)Name of Inventor : 1)HOLDEN Brien Anthony 2)SCHMID Gregor 3)SANKARIDURG Padmaja Rajagopal 4)HO Arthur 5)LAZON Percy Fabian 6)MARTINEZ Aldo Abraham 7)SMITH Earl Leo III
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(57) Abstract :

A contact lens and a method for treating an eye with myopia is described. The contact lens includes an inner optic zone and an outer optic zone. The outer optic zone includes at least a portion with a first power selected to correct distance vision. The inner optic zone has a relatively more positive power (an add power). In some embodiments the add power is substantially constant across the inner optic zone. In other embodiments the add power is variable across the inner optic zone. While in some embodiments the inner optic zone has a power designed to substantially eliminate lag of accommodation in the eye with myopia in other embodiments the add power may be higher.

No. of Pages : 29 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : AZA-INDOLE DERIVATIVES USEFUL AS MODULATORS OF FAAH

 (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 	:PCT/US2011/035091 :04/05/2011 :WO/2011/140164 :NA :NA	 (71)Name of Applicant : 1)MERCK SHARP & DOHME CORP. Address of Applicant :126 East Lincoln Avenue Rahway N J 07065-0907 U.S.A. (72)Name of Inventor : 1)WALJI Abbas M. 2)NANTERMET Philippe G. 3)MOORE Keith P. 4)STORR Rachel Anne 5)VASSALLO Laura 6)KREATSOULAS Constantine
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(57) Abstract :

The present invention is directed to certain Aza-Indole derivatives which are useful as modulators of Fatty Acid Amide Hydrolase (FAAH) and as FAAH imaging agents. The invention is also concerned with pharmaceutical formulations comprising these compounds as active ingredients and the use of the compounds and their formulations in the treatment of certain disorders including osteoarthritis rheumatoid arthritis diabetic neuropathy postherpetic neuralgia skeletomuscular pain and fibromyalgia as well as acute pain migraine sleep disorder Alzheimer Disease and Parkinsons Disease.

No. of Pages : 120 No. of Claims : 18

(21) Application No.8711/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENERGY STORAGE DEVICE SECURITY			
 (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 		 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn:International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA (72)Name of Inventor : 1)ROY H DAVIS 2)JEREMY D DUNWORTH 	

(57) Abstract :

Exemplary embodiments are directed to energy storage device security. An energy storage device may include at least one energy storage cell and a controller. The controller may be configured to request device identification data from an electronic device coupled to the energy storage device and compare the device identification data to device identification data stored in the energy storage device. The controller may be further configured to enable energy to be conveyed from the at least one energy storage cell to the electronic device identification matches the stored device identification data.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CONSTRUCTING VERY HIGH THROUGHPUT LONG TRAINING FIELD SEQUENCES

 (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 	:H04L27/26 :61/321,330 :06/04/2010 :U.S.A. :PCT/US2011/031449 :06/04/2011 :WO 2011/127193 :NA :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn:International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA U.S.A. (72)Name of Inventor : 1)LIN YANG 2)DIDIER JOHANNES RICHARD VAN NEE 3)HEMANTH SAMPATH
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(57) Abstract :

Certain aspects of the present disclosure relate to techniques for constructing a training sequence as a part of transmission preamble in an effort to minimize (or at least reduce) a peak-to-average power ratio (PAPR) at a transmitting node.

No. of Pages : 67 No. of Claims : 38

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENERGY EFFICIENT VEHICLE REFREGERATION SYSTEM USING HYBRID REGRIGERATION METHODS

(51) International classification	:F25D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500037 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this invention, hybrid refrigeration methods of various types are used to achieve zero electricity or zero fuel consuming supply cold chain logistics. In this system unique nano element doped thermo electric devices containing better heat isolation are used. Inbuilt mechanisms are powered with mechanical advantage based systems, solar panels or inverter based rechargeable battery systems. Here kinetic energy of moving vehicle and its exhaust fumes are also utilized to produce required energy for refrigeration. This container will be stationed on any vehicle to make it a mobile cold storage. This will be used in rural areas and in supply cold chain logistics.

No. of Pages : 7 No. of Claims : 6

(21) Application No.8484/CHENP/2012 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR NETWORK PERSONALIZATION OF SUBSCRIBER DEVICES

 (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 	:61/327,518 :23/04/2010 :U.S.A. :PCT/US2011/033642 :22/04/2011 :WO/2011/133912 :NA :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)ESCOTT Adrian Edward 2)PALANIGOUNDER Anand 3)ROSENBERG Brian M.
	:NA :NA :NA	

(57) Abstract :

A method and apparatus are provided for a subsidizing service provider entity to personalize a subscriber device to ensure the subscriber device cannot be used in a network of a different service provider entity. As the service provider entity subsidizes the subscriber device it desires to ensure that subscriber device is personalized such that the subscriber device may operate only in its network and not a network of a different service provider entity. The subscriber device is pre-configured with a plurality of provider-specific and/or unassociated root certificates by the manufacturer of the subscriber device. A communication service is established between the service provider entity and the subscriber device allowing for the mutual authentication of the subscriber device and the service provider entity. After mutual authentication the service provider entity sends a command to the subscriber device to disable/delete some/all root certificates that are unassociated with the service provider entity.

No. of Pages : 51 No. of Claims : 57

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:F16D41/10,F16D15/00	(71)Name of Applicant :
(31) Priority Document No	:2010057370	1)NTN CORPORATION
(32) Priority Date	:15/03/2010	Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku
(33) Name of priority country	:Japan	Osaka shi Osaka 5500003 Japan
(86) International Application No	:PCT/JP2011/054579	(72)Name of Inventor :
Filing Date	:01/03/2011	1)SATO Koji
(87) International Publication No	:WO 2011/114878	2)SAITO Takahide
(61) Patent of Addition to Application	:NA	3)KAWAI Masahiro
Number	:NA :NA	4)ISODA Kouji
Filing Date	.1174	5)KUBOTA Naochika
(62) Divisional to Application Number	:NA	6)MINENO Yumiko
Filing Date	:NA	7)HAMAZAKI Hiromitsu

(54) Title of the invention : CLUTCH UNIT

(57) Abstract :

A clutch unit comprises: a lever side clutch section (11) for controlling by lever operation the transmission of rotational torque to the output side and the prevention of the transmission; and a brake side clutch section (12) for transmitting input torque which is transmitted from the lever side clutch section (11) to the output side and preventing reverse input torque from being transmitted from the output side. The lever side clutch section (11) is provided with an outer centering spring (19) which is provided between a lever side outer ring (14) rotated by lever operation and a cover (24) restrained from rotating accumulates an elastic force generated by input torque transmitted from the lever side outer ring (14) and returns the lever side outer ring (14) to the neutral state by the accumulated elastic force when the input torque is released. The cover (24) has a sloped section (24g) which is in contact with the outer centering spring (19) and protrudes to the outer centering spring (19) side. A rounded corner surface (24g) located at the outermost diameter of the sloped section (24g) is formed in a shape which minimizes the amount of movement of the outer centering spring (19) in the axial direction when the outer centering spring (19) returns to the initial state when the input torque is released.

No. of Pages : 96 No. of Claims : 18

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENCAPSULATED SALTS AND USE IN HIGH ACID BEVERAGES

	:A23L1/237,A23L1/00,A23L1/304	
(31) Priority Document No	:61/355,313	1)TROPICANA PRODUCTS INC.
(32) Priority Date	:16/06/2010	Address of Applicant :1001 13th Avenue E Bradenton
(33) Name of priority country	:U.S.A.	Florida 34208 United States of America
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:PCT/US2011/040291 :14/06/2011 :WO/2011/159665 :NA :NA :NA	 (72)Name of Inventor : 1)MIRONOV Maxim 2)GIVEN Peter S. 3)RIVERA Teodoro

(57) Abstract :

Encapsulated nutrient salts including nutrient salt particles encapsulated with a water-insoluble chitosan-stearic acid complex are provided. A method for forming encapsulated nutrient salts is provided including forming a water-in-oil micro-emulsion including an oil and an aqueous salt solution adding chitosan and stearic acid to the water-in-oil micro-emulsion where the chitosan and stearic acid form a complex and collapsing the aqueous phase of the water-in-oil micro-emulsion to form the encapsulated salt particles.

No. of Pages : 18 No. of Claims : 23

(22) Date of filing of Application :05/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR FAST SESSION TRANSFER FOR MULTIPLE FREQUENCY BAND WIRELESS COMMUNICATION

 (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 	:H04W88/06,H04W76/04,H04W80/00 :61/327,757 :26/04/2010 :U.S.A. :PCT/US2011/031090 :04/04/2011 :WO/2011/139453 I :NA :NA	 (71)Name of Applicant : I)INTEL CORPORATION Address of Applicant :2200 MISSION COLLEGE BLVD. SANTA CLARA CA 95052 USA U.S.A. (72)Name of Inventor : CORDEIRO Carlos TRAININ Solomon
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Devices systems and methods to provide session transfer between a pair of multiband stations by a fast session transfer (FST) setup protocol. The FST protocol or the method may include operating the session on a first frequency band and/or a first channel wherein the session includes or is described by state information kept or stored in a pair of stations that have an established direct physical link; setting an agreement to operate the session on a second frequency band and/or a second channel; establishing a direct physical link on a second frequency band and/or a second channel and transferring the session to the second frequency band and/or the second channel.

No. of Pages : 30 No. of Claims : 21

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : RF TAG READER FOR ACCURATE POSITION DETERMINATION

 (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 	:PCT/IB2010/000508 :10/03/2010 :WO/2011/125003 :NA	 (71)Name of Applicant : 1)THALES RAIL SIGNALING SOLUTIONS INC. Address of Applicant :1235 Ormont Drive Weston Ontario M9L 2W6 Canada (72)Name of Inventor : 1)BANTIN Colin Charles
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system for accurate positioning using radio frequency tags and corresponding method thereof. The system comprises at least two antennas in phased array combination and an RF tag position determination unit coupled with the at least two antennas. The system also comprises a main RF output and a position detection output. The RF tag position determination unit arranged to generate a position detection signal at the position detection output responsive to comparison of a signal received by each of the at least two antennas.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPOSITE REFRACTORY FOR AN INNER LINING OF A BLAST FURNACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C04B35/52,C04B35/532,C04B37/00 :11173453.9 :11/07/2011 :EPO :PCT/EP2012/057341	 (71)Name of Applicant : 1)SGL CARBON SE Address of Applicant :Shnleinstr. 8 65201 Wiesbaden Germany (72)Name of Inventor : 1)TOMALA Janusz 2)WIEBEL Christian 3)HILTMANN Frank
Filing Date	:23/04/2012	S)HILTWANN FLANK
(87) International Publication No	:WO 2013/007408	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A refractory particularly for the use in an inner lining of a blast furnace is a layered composite comprising a protective layer and a conductive layer wherein the interlayer bonding strength between the individual layers is more than 6 MPa.

No. of Pages : 39 No. of Claims : 30

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 02/01/2015

QUANTIFICATION OF SALMONELLA SPP. AND APPLICATIONS THEREOF (51) International classification :C12Q1/68 (71)Name of Applicant : (31) Priority Document No :105029 **1)UNIVERSIDADE DO MINHO** (32) Priority Date :29/03/2010 Address of Applicant : Largo do Pa§o P-4700-320 Braga (33) Name of priority country Portugal :Portugal (86) International Application No :PCT/IB2011/051337 (72)Name of Inventor : Filing Date :29/03/2011 1)RIBEIRO PINTO DE OLIVEIRA AZEVEDO Nuno (87) International Publication No :WO/2011/121544 Filipe (61) Patent of Addition to Application 2)LOPES DA COSTA VIEIRA Maria Jo£o :NA Number **3)FERNANDES ALMEIDA Carina Manuela** :NA Filing Date **4)KEEVIL Charles William** (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : PEPTIDE NUCLEICACID PROBE KIT AND METHOD FOR DETECTION AND/OR

(57) Abstract :

The present invention refers to the development of a Peptide Nucleic acid (PNA) probe for the detection of the Salmonella genus in different types of samples. PNA is a synthetic molecule analogue to DNA that due to its physicochemical properties allows a faster analysis with higher sensitivity than the DNA probes. These probes are combined with fluorescence in situ hybridization (FISH) a molecular biology technique that allows the direct visualization of the microorganism in the sample. The combination of these two technologies rendered the FISH procedure faster simpler and more efficient. This probe can be applied to a great variety of samples such as blood food biopsies feces water and other clinical environmental or agriculture and food industry samples. The present invention also includes the development of the kit of detection and respective procedure for the identification of Salmonella spp. using the above referred sample types.

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

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : MULTI-CONDUCTOR WATER IN FUEL SENSOR FOR FILL RATE DETECTION (51) International classification :G01F23/24,F02M37/22 (71)Name of Applicant : (31) Priority Document No 1)CUMMINS FILTRATION IP INC. :61/328,391 (32) Priority Date :27/04/2010 Address of Applicant :1400-73rd Avenue NE Minneaplis MN (33) Name of priority country 55432 United States of America :U.S.A. (72)Name of Inventor : (86) International Application No :PCT/US2011/033569 Filing Date 1)WIECZOREK Mark T. :22/04/2011 (87) International Publication No :WO/2011/139601 2)DRINGENBURG Dean H. 3)KALLURWAR Rahul B. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A water sensor for a fuel filtration apparatus includes a main body with at least one electrical contact disposed proximate the first end of the main body. The electrical contact(s) is operatively connectable to an electronic control unit. Multiple sensor contacts are disposed proximate a second end of the main body. The sensor contacts are configured to detect multiple water levels and provide an output on each water level detected. The electrical contact is configured to send the output to an electronic control unit. The water level information provided by the water sensor can be tracked by a control device to determine if the fill rate of water meets an alarm value.

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

(19) INDIA

(22) Date of filing of Application :02/05/2013

(43) Publication Date : 02/01/2015

(51) International classification :H04L25/03 (71)Name of Applicant : (31) Priority Document No **1)ALCATEL LUCENT** :201010503793.0 (32) Priority Date Address of Applicant :3 avenue Octave Grard F 75007 Paris :07/10/2010 (33) Name of priority country :China France (86) International Application No :PCT/IB2011/002828 (72)Name of Inventor : Filing Date :06/10/2011 1)WU Lu (87) International Publication No :WO 2012/046144 2)YANG Hongwei (61) Patent of Addition to Application 3)LIU Hao :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND APPARATUS FOR SUB SAMPLING OF A CODEBOOK IN LTE A SYSTEM

(57) Abstract :

The embodiments of the present invention disclose a method and an apparatus for sub sampling of a codebook in the LTE A system where a precoding matrix W is a product of two matrices W and W i.e. W=WW codebooks for W W and W are denoted as C C and C respectively and r indicates a rank. The method includes sub sampling the codebook C such that the sub sampled codebook C has a size of equal to or less than 4 bits. In the sub sampling codewords evenly distributed in the codebook C are extracted where some or all of the codewords are in a form of discrete Fourier transform (DFT) vector to be suitable for evenly linear arrays and the other codewords are suitable for cross polarized linear arrays.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

 (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 	:11/12/2009 :WO 2010/066902 A1 :NA	 (71)Name of Applicant : 1)NUPLEX RESINS B.V. Address of Applicant :SYNTHESEBAAN 1, NL-4612 RB BERGEN OP ZOOM Netherlands (72)Name of Inventor : 1)MESTACH, DIRK, EMIEL, PAULA 2)VAN DER ZANDE-DE MAERTELAERE, ANNA JOHANNA
Filing Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA	

(54) Title of the invention : A CROSSLINKABLE POLYMER BINDER

(57) Abstract :

The invention relates to a crosstinkable polymer binder comprising a polyurethane macromer and grafted thereon a vinyl polymer, the macromer being prepared by reacting: I a monomer (I) comprising 2 or more hydroxy functional groups, II a monomer (II), comprising 2 or more isocyanate functional groups, III a stabilizing monomer (III)'comprising ionically and/or non-ionically stabilising groups, IV a graft monomer (IV) having only one group reactive with monomer I or II and one vinyl group, V a chain stopper monomer (V) having only one group reactive with.monomer I or II, wherein at least 30 mole %, of the macromers have only one graft monomer IV and less than 50 mole % of the macromers have two or more graft monomers IV,' wherein the vinyl polymer is linked to the vinyl group of graft monomer IV and wherein the vinyl polymer and/or the macromer comprise, crosslinkable groups. The invention further relates to an aqueous dispersion comprising said crosslinkable polymer binder and to a process for the manufacture of said crosslinkable polymer binder and said aqueous dispersion thereof. The crosslinkable polymer binder can be used in coating compositions or adhesives.

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

(21) Application No.8822/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : WIRELESS POWER TRANSMISSION IN ELECTRIC VEHICLES

 (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 	:61/322,196 :08/04/2010 :U.S.A.	 (71)Name of Applicant : QUALCOMM INCORPORATED Address of Applicant :International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A. (72)Name of Inventor : NIGEL COOK LUKAS SIEBER HANSPETER WIDMER
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(57) Abstract :

Exemplary embodiments are directed to bidirectional wireless power transfer using magnetic resonance in a coupling mode region between a charging base (CB) and a battery electric vehicle (BEV). For different configurations, the wireless power transfer can occur from the CB to the BEV and from the BEV to the CB.

No. of Pages : 106 No. of Claims : 30

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR ASSESSING A DRIVER™S BRAKING BEHAVIOUR

 (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 NA (62) Divisional to Application NA (62) Divisional to Application NA (61) Patent (62) Divisional to Application NA (62) Divisional to Application NA (63) Name of Inventor : (72) Name of Inventor		 (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 	:PCT/SE2011/050472 :18/04/2011 :WO 2011/133094 :NA :NA	 1)SCANIA CV AB Address of Applicant :SE-151 87 Sdertlje Sweden (72)Name of Inventor : 1)LINUS BREDBERG 2)JONNY ANDERSSON
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(57) Abstract :

The invention relates to a method for assessing a drivers braking of a vehicle, comprising determining when a braking cycle begins; determining the time tengbrake when the vehicles engine brake is used during the braking cycle; determining the time tshift for gear changes during the braking cycle; determining when the braking cycle ends; determining the total time ttotai for said braking cycle; processing ttotai and tengbrake with respect to tsnift according to predetermined rules, and calculating a braking assessment value BA based on processed values for tengbrake and ttotai- The invention relates also to a system for assessing a drivers braking of a vehicle.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION (21) Application No.8062/CHENP/2012 A (19) INDIA (22) Date of filing of Application :18/09/2012 (43) Publication Date : 02/01/2015 (54) Title of the invention : IMAGE ANALYSING (51) International classification :G06T7/00 (71)Name of Applicant : (31) Priority Document No 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. :10159716.9 (32) Priority Date Address of Applicant : GROENEWOUDSEWEG 1 :13/04/2010 (33) Name of priority country EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS :EPO (86) International Application No :PCT/IB2011/051447 (72)Name of Inventor : Filing Date **1)GROTH Alexandra** :05/04/2011 (87) International Publication No :WO/2011/128806 2)SUN Qi (61) Patent of Addition to Application **3)BERTRAM Matthias** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A flow pattern in a tube system is calculated from acquired image data. From the flow pattern virtual image data are generated and compared with the acquired data in order to determine a quality measure for the usability of the generated flow pattern at characteristic locations.

No. of Pages : 44 No. of Claims : 15

(21) Application No.8658/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:H04L5/00	(71)Name of Applicant :
(31) Priority Document No	:61/323,976	1)QUALCOMM INCORPORATED
(32) Priority Date	:14/04/2010	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714 U.S.A
(86) International Application No	:PCT/US2011/032425	(72)Name of Inventor :
Filing Date	:14/04/2011	1)VINCENT KNOWLES IV JONES
(87) International Publication No	:WO/2011/ 130473	2)DIDIER JOHANNES RICHARD VAN NEE
(61) Patent of Addition to Application	:NA	3)HEMANTH SAMPATH
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : ALLOCATING AND RECEIVING TONES FOR A FRAME

(57) Abstract :

A communication device for allocating tones is described that includes a processor and instructions in memory in electronic communication with the processor. The communication device determines whether a bandwidth for signal transmission is 20, 40, 80 or 160 megahertz (MHz). The communication device respectively allocates tones for 20, 40, 80 or 160 MHz as follows: for a very high throughput (VHT) signal A1 (VHT-SIG-A1): 52, 104, 208, 416; a VHT signal A2 (VHT-SIG-A2): 52, 104, 208, 416; a VHT short training field (VHTSTF): 12, 24, 48, 48; one or more VHT long training field(s) (VHT-LTF(s)): 56, 114, 242, 484; a VHT signal B (VHT-SIG-B): 56, 114, 242, 484; and a data field (DATA): 56, 114, 242, 484. The communication device also transmits the signal.

No. of Pages : 79 No. of Claims : 44

(21) Application No.8659/CHENP/2012 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : TREATMENT FOR PULMONARY HYPERTENSION

 (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 (62) Abstract in the second se	:A61K31/513,A61K31/522,A61K31/557 :61/282,659 :15/03/2010 :U.S.A. :PCT/US2011/028390 :14/03/2011 :WO/2011/115922 :NA :NA :NA	 (71)Name of Applicant : 1)UNITED THERAPEUTICS CORPORATION Address of Applicant :1040 Spring Street Silver Spring MD 20910 United States of America (72)Name of Inventor : 1)ROTHBLATT Martine A. 2)RUBIN Lewis J.
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(57) Abstract :

One embodiment relates to a method of treating pulmonary hypertension based upon co-administering to a subject in need thereof a pharmaceutically effective amount of an oral therapeutic agent for treating pulmonary hypertension and a pharmaceutically effective amount of an inhaled therapeutic agent for treating pulmonary hypertension. The benefit of the co-administration of these agents is to eliminate or reduce one or more side effects associated with mono-therapy of either agent as well as one or more side effects associated with other administration routes such as subcutaneous or intravenous administration.

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

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : EMR PDC WATER PURRIFICATION SYSTEM FOR COMPLETE ELIMINATION OF HARDNESS, DISSOLVED SALTS OR IONS, SALINITY AND EFFLUENTS FROM WATER APPLIANCES

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500037 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Water purification is a critical growth index for any emerging or developed civilizations across the globe. There are several methods which are under practice like softeners, resin treatments, magnetic scale removers etc. in removing the salinity, hardness from the water and provide expensive solutions for both domestic and industrial segments. But most of them are remaining as failure case studies when addressing pharma or other industrial effluent systems. The proposed invention is as endeavour in finding an effective, yet highly inexpensive one common solution for various types of effluences presently posing challenges for engineers. In this method of invention various types of metal, non-metal electrodes are arranged in series in a reactor for treating different types of water effluents taken into the reactor. Electro magnetic resonance phenomena is employed by arranging ultra high magnetic fields of various field strengths around the reactor coupled with pulsed direct current (DC) and automated circuits. In this invention pure Hydrogen Oxide (water) is separated from the impurities which may be of type inorganic, organic, organo metallic, or any other type of salts like fluorides, nitrates etc which are causing higher TDS to the effluent.

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

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ULTRA LOW POWER CONSUMING VARIOUS TYPES OF AERATORS USED IN AQUA CULTURE, STP, ETP AND OTHER POND CLEANING SYSTEMS

(51) International classification :A01B 45/02	(71)Name of Applicant : 1)EESAVYASA TECHNOLOGIES PVT. LTD.
(31) Priority Document No :NA	Address of Applicant : PLOT NO : 79, PHASE-III, SVCIE,
(32) Priority Date :NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(33) Name of priority country :NA	PRADESH-500037 Andhra Pradesh India
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)D.P. CHAKRAVARTHY
(87) International Publication No : NA	2)BANDA RAVI SANKAR
(61) Patent of Addition to Application Number :NA	3)DR. KUNAM SASIDHAR REDDY
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

In this method of invention, ultra low energy consuming various kinds of aerators are designed using mechanical advantage principles coupled with rare earth magnets based brushed and brushless DC motors. The energy consumption will be reduced to ultra low levels compared to the conventional systems. Solar panel, mechanical battery or rechargeable batteries are sufficient to power multiple numbers of aerators. Using this concept paddle wheel aerators, cutted spiral aerators, water lifting aerators, counter current blowing aerators and fountain aerators can be operated in STP, ETP and other pond cleaning systems.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : REMOVAL OF REACTION BYPRODUCTS AND IMPURITIES FROM CARAMEL COLOR AND A SHELF STABLE CARAMEL COLOR CONCENTRATE

 (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 	:A23L1/015,A23G3/32,A23L1/275 :61/318,836 :30/03/2010 :U.S.A. :PCT/US2011/029703 :24/03/2011 :WO/2011/123311 :NA :NA	 (71)Name of Applicant : PEPSICO INC. Address of Applicant :700 Anderson Hill Road Purchase New York 10577 United States of America (72)Name of Inventor : RAMASWAMY Setlur Ranganna WALBERG Charles
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Caramel color concentrates are prepared by subjecting a solution of caramel color to ultrafiltration through a semi-permeable membrane having a Molecular Weight Cut Off (MWCA) of no greater than 3000 Daltons to retain caramel solids but remove 4 MeI and other salts. After ultrafiltration the retentate is subjected to an acidifying step to convert remaining impurities into salts which are then removed. A shelf stable concentrate is obtained having color bodies with a wide range of molecular weight.

No. of Pages : 11 No. of Claims : 19

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : MEDICAL VIEWING SYSTEM AND METHOD FOR GENERATING AN ANGULATED VIEW OF AN OBJECT OF INTEREST

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61B6/00,A61B19/00,A61B6/12 :10161756.1 :03/05/2010 :EPO	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
 (86) International Application No Filing Date (87) International Publication 	:PCT/IB2011/051819 :27/04/2011	(72)Name of Inventor :1)RUIJTERS Daniel S. A.
No (61) Patent of Addition to Application Number Filing Date	:WO/2011/138711 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In a medical viewing system having an X-ray image acquisition device a data processing unit is adapted for generating two different views on a three-dimensional image set wherein a first view is corresponding to the viewing direction of the X-ray image acquisition device and a second view has a rotational offset to the first viewing direction. The first view may include live X-ray images e.g. for monitoring a stent placement. The second view 10 supports a clinician to unambigously judge whether ostia connection points may be blocked that are not clearly visible in anterior-posterior images.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ACTUATOR DEVICE WITH IMPROVED TACTILE CHARACTERISTICS

(51) International classification	:H01L41/04,G06F3/01,H01L41/193	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
	:10161847.8	Address of Applicant :GROENEWOUDSEWEG 1
(32) Priority Date	:04/05/2010	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/IB2011/051947 :03/05/2011	1)BROKKEN Dirk 2)BROER Dirk Jan 2)CROMBNOETS, Elseis Maris Harmony
Filing Date (87) International Publication No	:WO 2011/138735	3)CROMPVOETS Floris Maria Hermansz 4)DE KONING Hendrik 5)MARTAM Wendy Mireille
(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 an actuator device (400) comprising an active layer (410) having directly or indirectly a skin layer (420) on top that can be touched by when in use by a user. The configuration of the active layer (410) can controllably be changed in an extension direction (x y) and the skin layer (420) comprises a plurality of elevations (E) and intermediate recesses (R). Due to its structure the skin layer (420) does not hinder conformation changes of the active layer (410) in the extension direction while it provides favorable tactile characteristics of the actuator device (400). The active layer (410) may particularly comprise an electroactive polymer (EAP). The skin layer (420) may be composed of a plurality of grains isolated from each other or it may comprise a thin surface layer (421) that is stiffer than the active layer (410).

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMMUNOASSAY FOR CHROMOGRANIN A ANTIBODIES AND KIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:C07K16/18,G01N33/53,G01N33/577 :10161375.0 :28/04/2010 :EPO	 (71)Name of Applicant : 1)Euro-Diagnostica AB Address of Applicant :P.O. Box 50117 S-202 11 Malm Sweden; (72)Name of Inventor : 1)STRIDSBERG Mats
(86) International Application No Filing Date (87) International	:PCT/EP2011/056763 :28/04/2011	2)SOMMARIN Yngve
Publication No (61) Patent of Addition to Application Number Filing Date	:WO/2011/135035 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to monoclonal antibodies which are reactive with an epitope in the polypeptide represented by amino acid sequence 236 to 251 or 264 to 279 of the human CGA amino acid sequence. The invention further relates to the use of these monoclonal antibodies in an immunoassay for CGA to immunoreagents comprising any of these two antibodies and to test kits for the determination of CGA containing immunoreagents based on both of the monoclonal antibodies.

No. of Pages : 22 No. of Claims : 4

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING ONGOING CARDIOPULMONARYRESUSCITATION

 (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 	:A61H31/00,A61B5/083,A61M16/00 :61/317998 :26/03/2010 :U.S.A. :PCT/IB2011/051121 :17/03/2011 :WO/2011/117787 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)JAFFE Michael Brian
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(57) Abstract :

Cardiopulmonary resuscitation being provided to a subject is monitored. An enhanced measurement of the effectiveness of the cardiopulmonary resuscitation received by the subject is determined by correlating chest compressions with changes in movement and/or composition of gas at or near the airway of the subject. For example one or more therapy parameters may be measured with an enhanced accuracy and/or precision and/or one or more therapy parameters not monitored in conventional cardiopulmonary resuscitation monitoring systems may be measured.

No. of Pages : 19 No. of Claims : 15

(21) Application No.8423/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 02/01/2015

(51) International classification(31) Priority Document No(32) Priority Date	:G01N1/22,G01N33/00 :201010163319.8 :29/04/2010	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:China	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No Filing Date	:PCT/IB2011/051590 :13/04/2011	(72)Name of Inventor : 1)FENG Lei
(87) International Publication No	:WO/2011/135476	2)SHE Jun
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : APPARATUS AND METHOD FOR MEASURING AIR QUALITY

(57) Abstract :

To improve the measurement accuracy of an air analyzer a method of introducing position information to group and average a set of position-dependent air quality samples is proposed. The method comprises the steps of sampling the air at a first sampling rate to obtain a plurality of air quality samples by using a first sensor; sampling the positions of an apparatus at a second sampling rate to obtain a plurality of position samples; analyzing the plurality of position samples to obtain a plurality of spatial relationship information; grouping the plurality of air quality samples into a second plurality of air quality sample sets; and for each air quality sample set calculating a representative value as the air quality value of a corresponding sampling duration. By using this method non-position-relevant air quality samples can be excluded from the calculation of the air quality of a specific position or area.

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

(19) INDIA

(22) Date of filing of Application :03/10/2012

(54) Title of the invention : LIGHTING DEVICE

(43) Publication Date : 02/01/2015

	52,162	
(51) International classification	:H01L33/50,F21K99/00	(71)Name of Applicant :
(31) Priority Document No	:10160192.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/04/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051539	(72)Name of Inventor :
Filing Date	:11/04/2011	1)DRENTEN Ronald Reindert
(87) International Publication No	:WO/2011/128826	2)VAN DER LUBBE Marcellus Jacobus Johannes
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a high brightness lighting device (10) comprising a laser (1) for providing high brightness coherent light and a light scattering element (2) arranged for receiving light from the laser. The light scattering element comprises luminescent material adapted for converting part of the provided light into a different wavelength. The light scattering element is further arranged to transmit and scatter part of the provided light without conversion. Thereby upon receiving the coherent light light being outputted from the light scattering element has a dual lighting effect due to the outputted light comprising high brightness incoherent light originating from converted light providing a sparkle lighting effect and coherent light providing a speckle lighting effect. Further a corresponding lamp (30–40) comprising such a lighting device is provided.

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

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLEXIBLE ELECTRICAL CONNECTION OF AN LED-BASED ILLUMINATION DEVICE TO A LIGHT FIXTURE

 (61) Patent of Addition to :NA Application Number :NA Filing Date :NA (62) Divisional to Application :NA Number :NA Filing Date :NA 	 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 	:PCT/US2011/033015 :19/04/2011 :WO 2011/139548 :NA :NA :NA	 (71)Name of Applicant : 1)Xicato Inc. Address of Applicant :4880 Stevens Creek Blvd. Suite 204 San Jose CA 95129 USA (72)Name of Inventor : 1)Gerard Harbers 2)Gregory W. Eng 3)Christopher R. Reed 4)Peter K. Tseng 5)John S. Yriberri
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(57) Abstract :

An electrical interface module (EIM) (120) is provided between an LED illumination device (100) and a light fixture (130). The EIM (120) includes an arrangement of contacts (170) that are adapted to be coupled to an LED illumination device (100) and a second arrangement of contacts (121 152) that are adapted to be coupled to the light fixture (130) and may include a power converter (30). Additionally an LED selection module (40) may be included to selectively turn on or off LEDs (102). A communication port may be included to transmit information associated with the LED illumination device (100) such as identification indication of lifetime flux etc. The lifetime of the LED illumination device (100) may be measured and communicated e.g. by an RF signal IR signal wired signal or by controlling the light output of the LED illumination device (100).

No. of Pages : 50 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :17/10/2012

(43) Publication Date : 02/01/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61M1/00 :12/730,925 :24/03/2010 :U.S.A. :PCT/US2010/056402 :11/11/2010	 (71)Name of Applicant : 1)CAREFUSION 2200 INC. Address of Applicant :3750 Torrey View Ct. San Diego CA 92130 United States of America (72)Name of Inventor : 1)MASSI Shayna 2)STROLE Griffin 3)KANTOLA James
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO/2011/119188 :NA :NA :NA :NA	4)LOOPER Anthony 5)SANDERS Monica 6)LUKAS Maria 7)LATHAM Stephen 8)DARLEY Jesse 9)GENNRICH David 10)REBACK Nicholas 11)KALLSEN Kent

(54) Title of the invention : CORPOREAL DRAINAGE SYSTEM

(57) Abstract :

A system and method for collecting fluid from a patient is disclosed. The system includes two plates separated by restoring force providing members and straps allowing the system to be placed in expanded and compressed modes. The system is a single use system that prevents the re¬ use of the system once it has been drained of collected fluid. Methods for fabricating the system are also disclosed including a method that bonds two plates together to create an assembled version of the system.

No. of Pages : 86 No. of Claims : 30

(21) Application No.8919/CHENP/2012 A

(19) INDIA(22) Date of filing of Application :17/10/2012

(43) Publication Date : 02/01/2015

(51) International classification	:H04L9/08,H04L9/32	(71)Name of Applicant :
(31) Priority Document No	:10163291.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/05/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051828	(72)Name of Inventor :
Filing Date	:27/04/2011	1)IBRAIMI Luan
(87) International Publication No	:WO/2011/145011	2)ASIM Muhammad
(61) Patent of Addition to Application	:NA	3)PETKOVIC Milan
Number	:NA :NA	
Filing Date	.1NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : ATTRIBUTE-BASED DIGITAL SIGNATURE SYSTEM

(57) Abstract :

An attribute-based digital signature system comprises a signature generation unit (1) for signing a message (m) by generating a signature (s) based on a user secret key (SK) associated with a set of user attributes wherein the signature generation unit (1) is arranged for combining the user secret key (SK) with revocation data (R) to form at least part of the signature (s) wherein the revocation data (R) complements respective ones of a plurality of valid user secret keys and wherein the revocation data (R) prevents a revoked user secret key (SK) from being used to validly sign a message (m) with the set of user attributes. The system further comprises a revocation unit (2) for selectively removing at least part of the signing capability of a to-be-revoked user secret key (SK) by generating updated revocation data (R)

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

(22) Date of filing of Application :23/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : DAMPER BEARING WITH TAPERING END FACES AND METHOD FOR PRODUCTION THEREOF

(51) International classification	:F16F9/54,F16F1/38	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BASF SE
(32) Priority Date	:NA	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/CN2010/071984	1)YU Lingya
Filing Date	:21/04/2010	
(87) International Publication No	:WO/2011/130909	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a damper bearing comprising a damper bearing housing a damping element based on at least one elastomer being fitted into the damper bearing housing the damping element comprising a basic body which has substantially the form of a hollow cylinder with an axis an outer circumferential surface an inner circumferential surface and in the axial direction two opposite end faces and further comprising an insert being form-fitted connected with the damping element by fitting the insert into a recess in the inner circumferential surface wherein at least one of the end faces of the damping element has a profile in which the thickness at the circumference decreases in the axial direction away from the basic body and wherein the axial profile height of the end face increases from the inner circumferential surface towards the outer circumferential surface.

No. of Pages : 23 No. of Claims : 15

(21) Application No.9231/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/10/2012

(43) Publication Date : 02/01/2015

 (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 	:14/04/2011 :WO/2011/130254	 (71)Name of Applicant : 1)BANK OF AMERICA CORPORATION Address of Applicant :NC1-027-20-05 214 N. Tryon Street Charlotte North Carolina 28255 United States of America (72)Name of Inventor : 1)RAMCHARRAN Ronald
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : DETECTING SECURE OR ENCRYPTED TUNNELING IN A COMPUTER NETWORK

(57) Abstract :

Aspects of the present disclosure relate to a computer assisted method for detecting encrypted tunneling or proxy avoidance which may include electronically receiving information from a proxy server extracting information regarding a CONNECT function of Hyper Text Transport Protocol (HTTP) from the electronically received information determining at least one destination to which the extracted information regarding the CONNECT function of HTTP corresponds and attempting to negotiate a standard HTTPS session with each of the at least one destination. Further the computer assisted method may further include for each of the at least one destination is hosting an encrypted tunneling or proxy avoidance application wherein such a determining may be based on characteristics of an Secure Socket Layer (SSL) certificate associated with the destination or a response received from the destination over a TCP/IP connection.

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

(21) Application No.82/CHE/2013 A

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 02/01/2015

1)D.P. CHAKRAVARTHY

2)BANDA RAVI SANKAR

3)DR. KUNAM SASIDHAR REDDY

(54) Title of the invention : ULTRA LOW ENERGY CONSUMING UN-MANNED AND MANNED AIR CRAFT ENGINES (51) International classification :B63H (71)Name of Applicant : (31) Priority Document No 1)EESAVYASA TECHNOLOGIES PVT. LTD. :NA (32) Priority Date Address of Applicant : PLOT NO : 79. PHASE-III. SVCIE. :NA (33) Name of priority country BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA :NA (86) International Application No PRADESH-500037 Andhra Pradesh India :NA Filing Date (72)Name of Inventor : :NA

: NA

:NA

:NA

:NA

:NA

(57) Abstract :

Filing Date

Filing Date

8. Abstract In this method of invention, special aero dynamic veins are used as propeller blades and engine is designed with brushless DC motors made up of rare earth magnets. In this aircrafts payloads ranging from 30 kg to 500 kg are possible. These engines are run by either rechargeable batteries or gas or methanol based fuels. These aircrafts can be remotely operated for unmanned operations in the areas like agriculture aerial spraying, aqua feed distribution and cargo applications.

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

(87) International Publication No

(62) Divisional to Application Number

(61) Patent of Addition to Application Number

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : TRANSCODER BYPASS IN MOBILE HANDSET FOR VOIP CALL WITH BLUETOOTH HEADSETS

(51) International classification	:H04M1/60,G10L19/14,H04L29/06	(71)Name of Applicant : 1)ALCATEL LUCENT
(31) Priority Document No	:12/748,985	Address of Applicant :3 avenue Octave Grard F-75007 Paris
(32) Priority Date	:29/03/2010	France
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2011/028262 :14/03/2011	1)DOH-SUK KIM 2)AHMED TARRAF
(87) International Publication No	:WO/2011/123234	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The application relates to VoIP calls between terminals comprising Bluetooth chipsets. Bluetooth headsets employ audio codes covering the audio spectrum up to 20 kHz whereas speech codecs for VoIP only cover up to 7 kHz. The transcoding between audio and speech codes has several disadvantages such as lower voice quality and excessive latency due to the two coding processes. These disadvantages are overcome in that transcoding is bypassed. At the beginning of a VoIP call, the specific audio codec information associated with the Bluetooth headset is included in a network signaling message and communicated to the network and the remote terminal. If both parties support the audio codec, the audio signal encoded by the Bluetooth headset is communicated directly to the remote terminal without any transcoding by the terminal, thereby bypassing de- and encoding within the terminal.

No. of Pages : 24 No. of Claims : 9

(21) Application No.8927/CHENP/2012 A

(22) Date of filing of Application :17/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : PLANT FOR THE PRODUCTION OF ENERGY BASED UPON THE ORGANIC RANKINE CYCLE

(51) International classification	:F01K23/04,F01K23/08,F01K7/02	(71)Name of Applicant :
(31) Priority Document No	:BG2010A000015	1)PERICO Costanzo
(32) Priority Date	:25/03/2010	Address of Applicant : of Via Capersegno 40 I-24030
(33) Name of priority country	:Italy	Presezzo (BG) Italy
(86) International Application	:PCT/EP2011/053527	2)NASINI Ernesto
No	:09/03/2011	3)ROTTOLI Marco
Filing Date	.09/03/2011	(72)Name of Inventor :
(87) International Publication	:WO/2011/117074	1)PERICO Costanzo
No	. W 0/2011/11/0/4	2)NASINI Ernesto
(61) Patent of Addition to	:NA	3)ROTTOLI Marco
Application Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 1/ 1	

(57) Abstract :

A plant for the production of energy that is based upon the organic Rankine cycle (ORC). The plant comprises a first ORC system comprising a first organic operating fluid circulating in sequence between a first evaporator in conditions of heat exchange with a heat source a first expansion stage in a turbine operatively connected to a generator a first evaporator/condenser and a first pump for recirculating said first organic operating fluid to said first evaporator.

No. of Pages : 19 No. of Claims : 11

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 02/01/2015

(51) International classification :G06F9/46 (71)Name of Applicant : (31) Priority Document No **1)INTEL CORPORATION** :61/358.671 (32) Priority Date :25/06/2010 Address of Applicant :2200 MISSION COLLEGE BLVD. (33) Name of priority country SANTA CLARA CA 95052 USA :U.S.A. (86) International Application No :PCT/US2011/040549 (72)Name of Inventor : Filing Date :15/06/2011 **1)GOPALAKRISHNAN Praveen** (87) International Publication No :WO/2011/163033 2)LIU Hsin-Yuo (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS AND SYSTEMS TO IMPLEMENT A PHYSICAL DEVICE TO DIFFERENTIATE

AMONGST MULTIPLE VIRTUAL MACHINES OF A HOST COMPUTER SYSTEM

(57) Abstract :

Methods and systems to implement a physical device to differentiate amongst multiple virtual machines (VM) of a computer system. The device may include a wireless network interface controller. VM differentiation may be performed with respect to configuration controls and/or data traffic. VM differentiation may be performed based on VM-specific identifiers (VM IDs). VM IDs may be identified within host application programming interface (API) headers of incoming configuration controls and data packets and/or may be looked-up based on VM-specific MAC addresses associated with data packets. VM IDs may be inserted in API headers of outgoing controls and/or data packets to permit a host computer system to forward the controls and/or packets to appropriate VMs. VM IDs may be used look-up VM-specific configuration parameters and connection information to reconfigure the physical device on a per VM basis. VM IDs may be used look-up VM-specific security information with which to process data packets.

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

(21) Application No.8027/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROCESSING RESOURCE OPTIMIZATION IN COMMUNICATION SYSTEMS

 (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 	:H04L27/26,H04W56/00 :12/718,983 :07/03/2010 :U.S.A. :PCT/EP2011/051766 :07/02/2011 :WO/2011/110394 :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 Stockholm Sweden Sweden (72)Name of Inventor : 1)LUNDGREN Thomas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods and apparatus for a user equipment (UE) of a communication system involve receiving a signal transmitted by a base station of the communication system; determining based on the received signal a timing advance and a transport block size for a signal to be transmitted by the UE; and adjusting based on the determined timing advance and the transport block size at least one of the start of processing information for the signal to be transmitted by the UE and a size of a memory for storing processed information for the signal to be transmitted.

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

(19) INDIA

(22) Date of filing of Application :23/10/2012

(43) Publication Date : 02/01/2015

(51) International classification	:H04J11/00	(71)Name of Applicant :
(31) Priority Document No	:61/323,326	1)QUALCOMM ATHEROS INC.
(32) Priority Date	:12/04/2010	Address of Applicant :1700 Technology Drive San Jose
(33) Name of priority country	:U.S.A.	California 95110 United States of America
(86) International Application No	:PCT/US2011/032165	(72)Name of Inventor :
Filing Date	:12/04/2011	1)YONGE Lawrence W. III
(87) International Publication No	:WO/2011/130309	2)AFKHAMIE Hassan Kaywan
(61) Patent of Addition to Application	:NA	3)AVUDAINAYAGAM Arun
Number	.NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CHANNEL ESTIMATION FOR LOW-OVERHEAD COMMUNICATION IN A NETWORK

(57) Abstract :

A system for communicating between stations over a shared medium comprises: a first station comprising one or more antennas that transmit a waveform the waveform including at least a first symbol comprising a first set of frequency components modulated with preamble information and a second set of frequency components modulated with information; and at least a second station. The second station comprises one or more antennas configured to: process sampled values from the first symbol based on channel characteristics estimated from the first set of frequency components to decode information encoded on a first subset of the second set of frequency components and the first subset of the second set of frequency components to decode information encoded on a second encoded on a second set of frequency components and the first subset of the second set of frequency components to decode information encoded on a second encoded on a second set of the second set of frequency components to decode information encoded on a second encoded on a second set of frequency components and the first subset of the second set of frequency components to decode information encoded on a second encoded on a second set of frequency components and the first subset of the second set of frequency components to decode information encoded on a second subset of the second set of frequency components.

No. of Pages : 92 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :30/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : DETERMINING INTRA PREDICTION MODE OF IMAGE CODING UNIT AND IMAGE **DECODING UNIT**

 (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 	:10-2010-0031145 :05/04/2010 :Republic of Korea :PCT/KR2011/002375 :05/04/2011 :WO 2011/126275 :NA :NA :NA	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung-ro Yeongtong-gu Suwon-si Gyeonggi-do 443-742 Republic of Korea. (72)Name of Inventor : 1)MIN Jung-Hye 2)ALSHINA Elena 3)HAN Woo-Jin
Filing Date	:NA	

(57) Abstract :

A method and apparatus for determining an intra prediction mode of a coding unit. Candidate intra prediction modes of a chrominance component coding unit which includes an intra prediction mode of a luminance component coding unit are determined and costs of the chrominance component coding unit according to the determined candidate intra prediction modes are compared to determine a minimum cost intra prediction mode to be the intra prediction mode of the chrominance component coding unit.

No. of Pages : 66 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :30/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND APPARATUSES TO SUPPORT PHOTOVOLTAIC MODULES

(51) International classification	:H01L31/042,F24J02/52	(71)Name of Applicant :
(31) Priority Document No	:121772,756	1)SUNPOWER CORPORATION
(32) Priority Date	:03/05/2010	Address of Applicant :3939 North First Street San Jose CA
(33) Name of priority country	:U.S.A.	95134 (US). U.S.A.
(86) International Application No	:PCT/US2011/026089	(72)Name of Inventor :
Filing Date	:24/02/2011	1)CIASULLI John
(87) International Publication No	:WO/2011/139395	2)JONES Jason
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

Methods and apparatuses to support photovoltaic (PV) modules are described. A saddle bracket has a mounting surface to support one or more PV modules over a tube a gusset coupled to the mounting surface and a mounting feature coupled to the gusset to couple to the tube. A grounding washer has a first portion to couple to a support; and a second portion coupled to the first portion to provide a ground path to a PV module. A PV system has a saddle bracket; a PV module over the saddle bracket; and a grounding washer coupled to the saddle bracket and the PV module. Saddle brackets can be coupled to a torque tube at predetermined locations. PV modules can be coupled to the saddle brackets.

No. of Pages : 48 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :30/10/2012

(43) Publication Date : 02/01/2015

(51) International classification	:H04L12/413	(71)Name of Applicant :
(31) Priority Document No	:61/323,326	1)QUALCOMM ATHEROS INC.
(32) Priority Date	:12/04/2010	Address of Applicant :1700 Technology Drive San Jose
(33) Name of priority country	:U.S.A.	California 95110 United States of America
(86) International Application No	:PCT/US2011/032174	(72)Name of Inventor :
Filing Date	:12/04/2011	1)YONGE Lawrence W. III
(87) International Publication No	:WO 2011/130316	2)KATAR Srinivas
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : REPEATING FOR LOW-OVERHEAD COMMUNICATION IN A NETWORK

(57) Abstract :

Communicating between stations over a shared medium comprises: receiving at a destination station a first waveform that includes one or more segments of a payload that originated from an origin station with a sequence of multiple segments the one or more segments included in the first waveform having been transmitted over the shared medium by the origin station and by each of one or more repeater stations and the first waveform indicating which of the sequence of multiple segments were not correctly decoded by at least one of the repeater stations; generating based on the first waveform acknowledgement information that specifies which of the sequence of multiple segments have been correctly decoded by the destination station; and transmitting a second waveform from the destination station over the shared medium the second waveform including the acknowledgement information.

No. of Pages : 93 No. of Claims : 16

(21) Application No.8969/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMPROVED TUBULAR REACTOR AND PROCESS

classification (31) Priority Document No :1005742.0	 (71)Name of Applicant : 1)ASHE MORRIS LTD Address of Applicant : The Heath Business & Technical Park Runcorn Cheshire WA7 4QX Great Britain (72)Name of Inventor : 1)ASHE Robert 2)MORRIS David
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(57) Abstract :

A continuous mixer/reactor and a mixing process are provided in which materials flow in an orderly fashion along the length of a channel (9) and the materials are mixed in a direction transverse to the axis of the channel (9) by the provision of agitator elements (5 7) within the channel (9) and shaking the channel (9) so that the agitator elements (5 7) move within the channel (9) in the radial direction of the channel (9).

No. of Pages : 21 No. of Claims : 41

(19) INDIA

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : LUMINAIRE

classification:F2158/00,F21V5/02,G02F1/15557(31) Priority Document No:10164485.4(32) Priority Date:31/05/2010(33) Name of priority country:EPO(86) International Application:PCT/IB2011/052297	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)BOONEKAMP Erik 2)DINGEMANS Antonius Petrus Marinus 3)VISSENBERG Michel Cornelis Josephus Marie
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(57) Abstract :

The invention relates to a luminaire (1) comprising a housing (2) having at least one side wall part (3) and a bottom wall part (5) a light source (7) being positioned in the housing (2) and a curved optically transparent sheet (10) having a plurality of elongated linear prism structures with right top angles (16) on its concave surface. Said surface faces away from the light source (7). The invented luminaires (1) show reduced glare. They can be used with great advantage in office lighting and house lighting.

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

(21) Application No.9306/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/11/2012

(43) Publication Date : 02/01/2015

(51) International classification	:G06F15/173	(71)Name of Applicant :
(31) Priority Document No	:61/320,953	1)COMSCORE INC.
(32) Priority Date	:05/04/2010	Address of Applicant :11950 Democracy Drive Suite 600
(33) Name of priority country	:U.S.A.	Reston Virginia 20190 U.S.A.
(86) International Application No	:PCT/US2011/031206	(72)Name of Inventor :
Filing Date	:05/04/2011	1)BRIAN PUGH
(87) International Publication No	:WO/2011/127027	2)FRANK E. PECJAK
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1174	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Albertropt		L

(54) Title of the invention : MEASUREMENTS BASED ON PANEL AND CENSUS DATA

(57) Abstract :

)A first set of usage data for a first set of resources is determined based on information sent as a result of beacon instructions included with the first set of resources. A second set of usage data for a second set of resources is determined based on information received from monitoring applications. Initial usage measurement data for a third set of resources on the network is determined based on the first set of usage data. The third set includes one or more common resources that are included in the first set of resources and the second set of resources. Adjustment factors are determined based on the second set of usage data and applied to the initial usage measurement data. Reports are generated based on the adjusted usage measurement data.

No. of Pages : 44 No. of Claims : 28

(22) Date of filing of Application :01/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CHARGING METHOD SELECTION FOR SERVICE DATA FLOWS BASED ON THE DATA SERVICES BEING REQUESTED

(51) International classification	:H04L12/14,H04W4/24	(71)Name of Applicant :
(31) Priority Document No	:12/772,851	1)ALCATEL LUCENT
(32) Priority Date	:03/05/2010	Address of Applicant :3 avenue Octave Greard F-75007
(33) Name of priority country	:U.S.A.	Paris France
(86) International Application No	:PCT/US2011/033713	(72)Name of Inventor :
Filing Date	:25/04/2011	1)YIGANG CAI
(87) International Publication No	:WO/2011/139617	2)KIM BROUARD
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

(57) Abstract :

Systems and methods are disclosed for performing Policy and Charging Control, PCC, for packet core networks. One embodiment comprises a PCC architecture that includes an online charging system, OCS, (150). The OCS (150) receives a request for charging rules for an initial data service from a PCRF (130). The request from the PCRF (130) includes a service indicator for the initial data service. The OCS (150) selects a charging method for the initial data service based on the service indicator, and transmits a response to the PCRF (130) that includes the selected charging method. The PCRF (130) may then make a PCC decision based on the charging method selected by the OCS (150), and a PCEF (122) may enforce PCC rules for the initial data service. If there is a service changing during a data session, the OCS (150) selects a charging method for the new data service, and the PCRF (130) updates the PCC rules accordingly

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

(22) Date of filing of Application :19/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CLEAVABLE MODIFICATIONS TO REDUCIBLE POLY (AMIDO ETHYLENIMINES)S TO ENHANCE NUCLEOTIDE DELIVERY

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:16/03/2010 :U.S.A. :PCT/US2011/028690 :16/03/2011 :WO/2011/116107	 (71)Name of Applicant : 1)UNIVERSITY OF UTAH RESEARCH FOUNDATION Address of Applicant :615 Arapeen Drive Suite 310 Salt Lake City Utah 84108 United States Of America (72)Name of Inventor : 1)YOCKMAN James William 2)BRUMBACH Jonathan H. 3)KIM Sung Wan

(57) Abstract :

Polyplex formulations were prepared using p(TETA/CBA) its PEGylated analog p(TETA/CBA)-g-PEG2k and mixtures of the two species at 10/90 and 50/50 wt % respectively. Increasing PEG wt% inhibited polyplex formation. This work demonstrates the feasibility of preparing homogenous polyplexes by altering the PEG wt% using a mixture of p(TETA/CBA) and p(TETA/CBA)-g-PEG2k products. Further a single-step method of making p(TETA/CBA)-g-PEG2k is disclosed

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

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : RISPERIDO	ONE IMMUNOASSAY	
 (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 	:A01N43/90,A61K31/519 :12/724,780 :16/03/2010 :U.S.A. :PCT/US2011/025893 :23/02/2011 :WO/2011/115733 :NA :NA	 (71)Name of Applicant : 1)SALADAX BIOMEDICAL INC. Address of Applicant :116 Research Drive Bethlehem Pennsylvania 18015 United States of America (72)Name of Inventor : 1)SALAMONE Salvatore J. 2)COURTNEY Jodi Blake 3)CLINE Daniel J. 4)SARD Howard 5)HEGDE Vishnumurthy

(57) Abstract :

Novel conjugates and immunogens derived from risperidone and antibodies generated by these immunogens are useful in immunoassays for the quantification and monitoring of risperidone and paliperidone in biological fluids.

No. of Pages : 55 No. of Claims : 54

(21) Application No.8215/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING WLAN AND BLUETOOTH COMMUNICATIONS (51) International classification :H04B7/00 (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM ATHEROS INC. :61/328,848 (32) Priority Date Address of Applicant :1700 Technology Drive San Jose CA :28/04/2010 (33) Name of priority country 95110 United States of America :U.S.A. (86) International Application No :PCT/US2011/033288 (72)Name of Inventor : Filing Date 1)TSAO Wei-Sung :20/04/2011 (87) International Publication No :WO/2011/137007 2)PETRUS Paul (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This disclosure involves methods and systems for controlling WLAN and Bluetooth communications by allocating bandwidth into times blocs having a first segment with Bluetooth priority and a second segment with WLAN priority. Access to the wireless communication medium is signaled over an interface connecting the WLAN and Bluetooth modules. Downlink traffic is modulated by signaling the WLAN access point to buffer traffic during the first segment. WLAN traffic can also be modulated by allowing reception and blocking transmission WLAN signals during the first segment. Further while high priority Bluetooth transmission are preferably always allowed low priority Bluetooth transmission can be restricted during the second period depending upon the respective states of the WLAN and Bluetooth modules. A coexistence agent can be used to transfer relevant information between the WLAN and Bluetooth modules.

No. of Pages : 21 No. of Claims : 22

(21) Application No.9130/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : DATA TRANSMISSION VIA A RELAY STATION WITH ACK/NACK FEEDBACK		
 (54) Fitte of the invention : DATA TRAN (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 	:H04B7/26 :12/775,058 :06/05/2010 :U.S.A.	 (71)Name of Applicant : (71)Name of Applicant : (71)QUALCOMM INCORPORATED
(57) 41 4		

(57) Abstract :

Techniques for supporting communication by a relay station are described. In an aspect the relay station may support NACK Type 1 when operating in an amplify-and-forward (AF) mode. The relay station may receive a first transmission of a packet from an upstream station determine PAPR of the first transmission and send NACK Type 1 to the upstream station if high PAPR is detected. In another aspect the relay station may perform PAPR decoding for the first transmission send NACK Type 1 if PAPR decoding fails perform channel decoding if PAPR decoding passes and send NACK Type 2 to the upstream station if channel decoding fails. In yet another aspect the relay station may operate in the AF mode or the DF mode.

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

(22) Date of filing of Application :01/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : DELAYED ACKNOWLEDGEMENTS FOR LOW-OVERHEAD COMMUNICATION IN A NETWORK

 (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 	:H04L12/413 :61/323,326 :12/04/2010 :U.S.A. :PCT/US2011/032161 :12/04/2011 :WO/2011/130306 :NA :NA :NA	 (71)Name of Applicant : 1)QUALCOMM ATHEROS INC. Address of Applicant :1700 Technology Drive San Jose California 95110 United States of America (72)Name of Inventor : 1)YONGE Lawrence W. III 2)KATAR Srinivas 3)KRISHNAM Manjunath
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(57) Abstract :

Communicating between stations over a shared medium comprises: receiving a first waveform at a first station transmitted over the shared medium from a second station the first waveform including a payload having multiple segments and during reception of a first segment of the payload initiating processing of one or more segments of the payload received before the first segment of the payload to generate acknowledgement information that specifies which of one or more segments of the payload including the one or more processed segments have been correctly decoded transmitting a second waveform from the first station over the shared medium the second waveform including the acknowledgement information; and transmitting a third waveform from the first station after transmitting the second waveform the third waveform including acknowledgement information that specifies which of one or more segments of the payload including the first segment of the payload have been correctly decoded.

No. of Pages : 92 No. of Claims : 14

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : PREPARATION OF POLYPEPTIDES AND SALTS THEREOF

 (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 	:C07K1/06,A61K31/185,A61K31/19 :1166/CHE/2010 :27/04/2010 :India :PCT/US2011/034102 :27/04/2011 ⁿ :WO/2011/139752 :NA :NA :NA	 (71)Name of Applicant : Dr. Reddys Laboratories Limited Address of Applicant :8-2-337 Road No. 3 Banjara hills Hyderabad Andhra Pradesh India- 500034 Andhra Pradesh India 2)Dr. Reddy™s Laboratories Inc. (72)Name of Inventor : KVS Rama Rao Srinivasan Santhanakrishnan Devi Basanthi Gandavadi Sunilkumar Ramasamy Karthik Komaravolu Yagna Kiran Kumar Varanasi Kalyan chakravarthi Bocha Ramesh Konche Parameswara Reddy Katta Laxmi reddy Rajgopal Sharma Nekkalapu Srilakshmi
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(57) Abstract :

The application relates to processes for preparing polypeptides. Also provided are processes for preparing glatiramer acetate.

No. of Pages : 43 No. of Claims : 32

(22) Date of filing of Application :17/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : COORDINATED SILENT PERIOD WITH SOUNDING REFERENCE SIGNAL (SRS) CONFIGURATION

 (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 	:PCT/US2011/032722 :15/04/2011	 (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)RENQIU WANG 2)DURGA PRASAD MALLADI 3)HAO XU 4)NAGA BHUSHAN 5)YONGBIN WEI
(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 wireless communication includes configuring a virtual SRS (sounding reference signal) transmission to prompt a user equipment (UE) to use a shortened uplink transmission format to create a silent period at an end of a subframe. Reports are received from the UE indicating interference observed during the silent period.

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

(22) Date of filing of Application :17/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CHANNEL STATE INFORMATION REPORTING IN A WIRELESS COMMUNICATION NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) Line (19, 19, 19, 19, 19, 19, 19, 19, 19, 19,	:PCT/US2011/032297 :13/04/2011	Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A. (72)Name of Inventor : 1)ALAN BARBIERI 2)TINGFANG JI 3)HAO XU
(87) International Publication No	¹ :WO/2011/130393	4)TAO LUO 5)DURGA PRASAD MALLADI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

According to certain aspects, techniques for periodically reporting channel state information (CSI) on protected and unprotected resources are provided. The protected resources may include resources in which transmissions in a first cell are protected by restricting transmissions in a second cell.

No. of Pages : 52 No. of Claims : 72

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : TRANSMISSION POWER DEPENDENT IMBALANCE COMPENSATION FOR MULTI-ANTENNA SYSTEM

(51) International classification:H04W52/58,H04B7/04,H04W52/14(31) Priority Document No (32) Priority Date:01/332,654(32) Priority Date:07/05/2010(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2011/035629(87) International Publication No:WO/2011/140507(61) Patent of Addition to Filing Date:NA(62) Divisional to Filing Date:NA(63) Divisional to Filing Date:NA(64) Divisional to Filing Date:NA(57) Abstract: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)GAAL Peter 2)CHEN Wanshi 3)MONTOJO Juan
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(57) Abstract :

Methods and apparatuses for wireless communication are provided. In an aspect Transmissions are received from multiple antennas of a user equipment and a differential power control message that is based on an imbalance of transmitted power from the multiple antennas is transmitted. In another aspect a differential power control message that is based on an imbalance of transmitted power from multiple antennas of a user equipment is received and based on the message the imbalance is compensated for by varying a transmit power from one or more of the multiple antennas.

No. of Pages : 37 No. of Claims : 50

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE AND METHOD AND APPARATUS FOR DECODING IMAGE USING ADAPTIVE COEFFICIENT SCAN ORDER

 (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 	:61/320,826 :05/04/2010 :U.S.A.	 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant :129 Samsung-ro Yeongtong-gu Suwon-si Gyeonggi-do 443-742 Republic of Korea (72)Name of Inventor : 1)SEREGIN Vadim 2)CHEN Jianle 3)HAN Woo-Jin 4)LEE Tammy
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(57) Abstract :

Provided are a method and apparatus for encoding an image and a method and apparatus for decoding an image using an adaptive coefficient scan order. The method for encoding the image includes: projecting coefficients of a current block to a reference axis from among a horizontal axis and a vertical axis along a first straight line perpendicular to a second straight line with a predetermined angle a from the reference axis; scanning the coefficients of the current block in an arrangement order of the projected coefficients projected to the reference axis; and entropy-encoding information about the predetermined angle a and the scanned coefficients.

No. of Pages : 18 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMBINING DATA FROM MULTIPLE IMAGE SENSORS

 (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 	:H04N5/232,H04N13/00 :61/320,940 :05/04/2010 :U.S.A. :PCT/US2011/031285 :05/04/2011 :WO/2011/127078 :NA :NA :NA :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)ALEKSIC Milivoje 2)GOMA Sergiu R. 3)HWANG Hau 4)CHEUNG Joseph
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(57) Abstract :

A method of combining data from multiple sensors is disclosed. The method includes providing a common control signal to multiple image sensors. Each of the multiple image sensors is responsive to the common control signal to generate image data. The method also includes receiving synchronized data output from each of the multiple image sensors.

No. of Pages : 98 No. of Claims : 35

(21) Application No.9291/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 02/01/2015

(51) International classification	:H01L31/055,H01L31/052	(71)Name of Applicant :
(31) Priority Document No	:10163760.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:25/05/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/052235	(72)Name of Inventor :
Filing Date	:23/05/2011	1)CORNELISSEN Hugo Johan
(87) International Publication No	:WO/2011/148307	2)DE ZWART Siebe Tjerk
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : LUMINESCENT SOLAR CONCENTRATOR SYSTEM

(57) Abstract :

The invention relates to a Luminescent Solar Concentrator system (400) and a method for collecting and concentrating external light particularly sunlight (1 2). The external light is collected by a luminescent converter component (410) having a thickness D and a ratio R = ax/ac between the absorption coefficient ax for sunlight and the reabsorption coefficient ac for luminescence light. Due to the luminescent material comprised by said converter component (410) at least a part of the external light is converted into luminescence light. Moreover light propagating within the converter component (410) is extracted from it at light extraction sites (EX) having distances $W = 0.1 \cdot R \cdot D$ from each other. Light extraction components may for example comprise slanted mirroring surfaces (414) and/or optical elements in contact to the converter component.

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

(21) Application No.9292/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : HIGH VOLUME RATE 3D ULTRASONIC DIAGNOSTIC IMAGING OF THE HEART			
 (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 		 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)PRATER David 2)WATKINS Stephen 3)MARTIN William 	

(57) Abstract :

A 3D ultrasonic diagnostic imaging system produces 3D cardiac images at a 3D frame rate of display which is equal to the acquisition rate of a 3D image dataset. The volumetric cardiac region being imaged is sparsely sub-sampled by separated scanning beams. Spatial locations between the beams are filled in with interpolated values or interleaved with acquired data values from other 3D scanning intervals depending upon the existence of motion in the image field. A plurality of different beam scanning patterns are used different ones of which have different spatial locations where beams are located and beams are omitted. A sequence of different beam scanline patterns may be continuously repeated or the patterns of the sequence synchronized with the cardiac phases such that over a sequence of N heartbeats the same respective phase is scanned by N different scanline patterns.

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

(12) PATENT APPLICATION	PUBLICATION	(21) Application No.9293/CHENP/2012 A	
(19) INDIA			
(22) Date of filing of Application	on :31/10/2012	(43) Publication Date : 02/01/2015	
(54) Title of the invention : FIL	TER FOR LIGHT EMITTING DEV	VICE	
 (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 	:H01L33/44,G02B5/20,G02B5/28 :12/788762 :27/05/2010 :U.S.A. :PCT/IB2011/051835 :27/04/2011 :WO/2011/148279 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS 2)PHILIPS LUMILEDS LIGHTING COMPANY LLC (72)Name of Inventor : 1)CHAMBERLIN Danielle R. 	

(57) Abstract :

Embodiments of the invention include a semiconductor light emitting device capable of emitting first light having a first peak wavelength and a wavelength converting element capable of absorbing the first light and emitting second light having a second peak wavelength. In some embodiments the structure further includes a metal nanoparticle array (32) configured to pass a majority of light in a first wavelength range and reflect or absorb a majority of light in a second wavelength range. In some embodiments the structure further includes a filter (42 16) configured to pass a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range and reflect or absorb a majority of light in a first wavelength range.

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

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : DETERMINING THE SPECIFIC ORIENTATION OF AN OBJECT

 (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 	 A61B6/12,A61B19/00,G06T7/00 :10164181.9 :27/05/2010 :EPO :PCT/IB2011/052178 :18/05/2011 :WO/2011/148299 :NA :NA :NA 	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)WAECHTERSTEHLE Irina 2)KNESER Reinhard 3)LEHMANN Helko 4)WEESE Jurgen
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(57) Abstract :

The present invention relates to the determination of the specific orientation of an object. In order to provide enhanced positioning information of an object to a user a medical imaging system and a method for operating of a medical imaging system are proposed wherein 2D image data (14) of an object is acquired (12) with an imaging system wherein the object is provided with at least three markers visible in the 2D image; and wherein (16) the markers are detected in the 2D image; and wherein the spatial positioning and rotation angle (20) of the object in relation to the system geometry is identified (18) on behalf of the markers; and wherein an object-indicator (24) is displayed (22) indicating the spatial positioning and rotation angle of the object.

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

(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 02/01/2015

(51) International classification	:H02P 6/00	(71)Name of Applicant :
(31) Priority Document No	:61/415252	1)WAGNER SPRAY TECH CORPORATION
(32) Priority Date	:18/11/2010	Address of Applicant :1770 Fernbrook Lane North Plymouth
(33) Name of priority country	:U.S.A.	MN 55447 U.S.A.
(86) International Application No	:PCT/US2011/058699	(72)Name of Inventor :
Filing Date	:01/11/2011	1)KIEFFER Joseph W.
(87) International Publication No	:WO 2012/067808	2)JERDEE Jeffrey Scott
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : PLURAL COMPONENT PUMP SYSTEM

(57) Abstract :

A plural component pump system (100;200;300;600) is provided for delivering plural liquid components at a selected ratio. In one example the pump system (100;200;300;600) includes a first brushless DC motor (112) configured to drive a first pump (114) that pumps a first liquid component (108) to an output (106;606) and a second brushless DC motor (118) configured to drive a second pump (120) that pumps a second liquid component (110) to the output (106;606). The pump system (100;200;300;600) includes a first controller (124) configured to control the first brushless DC motor (112) and a second controller (126) configured to control the second brushless DC motor (112) and a second controller (126) configured to control the second brushless DC motor (118). The pump system (100;200;300;600) also includes a communication interface (128;628) between the first controller (124) and the second controller (126). The first controller (124) is configured to send a signal to the second controller (126) using the communication interface (128;628) and the second controller (126) is configured to control the second brushless DC motor (118) based on the signal to deliver the first and second liquid components to the output (106;606) at the selected ratio.

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

(21) Application No.8947/CHENP/2012 A

(19) INDIA(22) Date of filing of Application :18/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : TRANSMISSION OF CONTROL INFORMATION ON UPLINK CHANNELS (51) International classification :H04L5/00,H04W72/04 (71)Name of Applicant : (31) Priority Document No :61/332,598 1)QUALCOMM INCORPORATED (32) Priority Date Address of Applicant :Attn: International IP Administration :07/05/2010 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121-1714 :U.S.A. (86) International Application No :PCT/US2011/035632 United States of America. Filing Date (72)Name of Inventor : :06/05/2011 (87) International Publication No :WO/2011/140509 1)MONTOJO Juan (61) Patent of Addition to Application 2)DAMNJANOVIC Jelena M. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Techniques for sending control information on uplink channels are disclosed. In one design a user equipment UE may determine its current configuration for concurrent transmission of a control channel and a shared channel (514). The UE may select one or more channels from among the control channel and the shared channel to send control information of at least one type in a same subframe. The UE may select the one or more channels (526) based on the types of control information to send the current configuration for concurrent transmission of the control channel and the shared channel whether the UE is scheduled for data transmission on the shared channel in the subframe (512) whether the UE has sufficient transmit power to transmit both the control channel and the shared channel etc. The UE may send the control information on the one or more selected channels in the subframe.

No. of Pages : 48 No. of Claims : 59

(22) Date of filing of Application :05/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : RESOURCE PARTITIONING INFORMATION FOR ENHANCED INTERFERENCE COORDINATION

 (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 	:H04W72/08 :61/323,756 :13/04/2010 :U.S.A. :PCT/US2011/032370 :13/04/2011 :WO/2011/130447 :NA :NA :NA :NA	 (71)Name of Applicant : 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 : SONG Osok DAMNJANOVIC Aleksandar JI Tingfang YOO Taesang AGASHE Parag Arun VAJAPEYAM Madhavan Srinivasan WEI Yongbin LUO Tao PRAKASH Rajat KITAZOE Masato
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(57) Abstract :

Methods and apparatus for partitioning resources for enhanced inter-cell interference coordination (eICIC) are provided. Certain aspects involve broadcasting a message indicating time-domain resource partitioning information (RPI) where a user equipment (UE) may be operating in idle mode. With the RPI the UE may be able to identify protected resources with reduced/eliminated interference from neighboring cells. The RPI in this broadcasted message may be encoded as a bitmap as an alternative or in addition to enumeration of the U/N/X subframes. Other aspects entail transmitting a dedicated or unicast message indicating the time-domain RPI where a UE may be operating in connected mode. With the RPI the UE may be able to determine channel state information (CSI) make radio resource management (RRM) measurements or perform radio link monitoring (RLM) based on one or more signals from a serving base station during the protected time-domain resources.

No. of Pages : 71 No. of Claims : 208

(22) Date of filing of Application :07/01/2013

(54) Title of the invention : ELECTRO MAGNETIC FIELD INDUCED CAVITATIONAL SYSTEMS FOR BOILERS AND STEAM GENERATION APPLIANCES

(51) International classification	:F04D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500037 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
8	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention reduced pressure of water will be passed through a cavitational cylinder kept under external electric field and magnetic field placed perpendicular to each other. Water will be injected through the cavitations with the help of ultra-high rpm BLDC motors to get steam generated from the outlet in few seconds of operations depending on the speed regulated. It is a cost effective solution for steam generation in domestic requirements, commercial and industrial applications to replace existing electric heater or coal burnt, hot thermic fluid based boilers and all other types of boilers.

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

(21) Application No.8527/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DUAL-SIDE INTERCONNECTED CMOS FOR STACKED INTEGRATED CIRCUITS		
 (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 	:12/758,164 :12/04/2010 :U.S.A. :PCT/US2011/031386 :06/04/2011 :WO/2011/130078 :NA :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)CHANDREASKARAN Arvind 2)HENDERSON Brian

(57) Abstract :

A stacked integrated circuit (IC) may be manufactured with a second tier wafer bonded to a double-sided first tier wafer. The doublesided first tier wafer includes back-end-of-line (BEOL) layers on a front and a back side of the wafer. Extended contacts within the first tier wafer connect the front side and the back side BEOL layers. The extended contact extends through a junction of the first tier wafer. The second tier wafer couples to the front side of the first tier wafer through the extended contacts. Additional contacts couple devices within the first tier wafer to the front side BEOL layers. When double-sided wafers are used in stacked ICs the height of the stacked ICs may be reduced. The stacked ICs may include wafers of identical functions or wafers of different functions.

No. of Pages : 28 No. of Claims : 20

(21) Application No.8706/CHENP/2012 A

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CONVERSION OF LIQUID HEAVY HYDROCARBON FEEDSTOCKS TO GASEOUS PRODUCTS

 (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 	:PCT/US2011/038151 :26/05/2011 :WO/2011/150217 :NA :NA :NA	 (71)Name of Applicant : 1)GREATPOINT ENERGY INC. Address of Applicant :222 Third Street Suite 2163 Cambridge MA 02142 The United States of America (72)Name of Inventor : 1)ROBINSON Earl T. 2)RAMAN Pattabhi K. 3)WU Wenyuan
Number	:NA :NA	

(57) Abstract :

The present invention relates to processes and apparatuses for generating light olefins methane and other higher-value gaseous hydrocarbons from liquid heavy hydrocarbon feedstocks.

No. of Pages : 34 No. of Claims : 10

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : DYNAMIC	SENSOR RANGE SELEC	CTION
 (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 	:G01D3/024,G01R15/09 :12/763,017 :19/04/2010 :U.S.A. :PCT/US2011/033095 :19/04/2011 :WO/2011/133579 :NA :NA :NA :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)KULIK Victor 2)CZOMPO Joseph 3)SEIBERT Cristina A.

(57) Abstract :

(19) INDIA

A device(10) for sensing a phenomenon using a dynamic measurement range includes: a sensing element(12) configured to measure the phenomenon using a first measurement range and to provide an analog indication of a value of the phenomenon; an analog-todigital converter ADC(14) coupled to the sensing element and configured to convert the analog indication to a digital indication; and a processor (16) coupled to the ADC(16) and the sensing element and configured to analyze the digital indication to determine a second measurement range for the sensing element and to cause the sensing element to change from the first measurement range to the second measurement range for measurement of the phenomenon the first measurement range being different than the second measurement range.

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

(21) Application No.9445/CHENP/2012 A

(22) Date of filing of Application :06/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SALT PRODUCTION

 (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 	:PCT/AU2011/000394 :07/04/2011	 (71)Name of Applicant : 1)FIRST GREEN PARK PTY LTD Address of Applicant :35 Robins Avenue Humevale Victoria 3757 Australia (72)Name of Inventor : 1)JOHNSTONE Peter
Number	:NA :NA	

(57) Abstract :

The specification discloses a method of producing one or more precipitable substances such as salt (NaCI) from a feed liquid source (43) (such as sea water) in a precipitation apparatus (40) the method involving steps of providing a first solar energy treatment arrangement (41) having at least one treatment panel construction (42) having an upper solar energy transmission wall capable of passing solar energy to a treatment member located beneath the upper solar energy transmission wall the or each said treatment panel construction (42) being arranged to receive liquid from the feed liquid source (43) the solar radiation energy concentrating the precipitable substance or substances in the treatment liquid within the or each said treatment panel construction (42) the

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

(21) Application No.9624/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:B01L3/00	(71)Name of Applicant :
(31) Priority Document No	:1006203.2	1)BIO AMD HOLDINGS LIMITED
(32) Priority Date	:14/04/2010	Address of Applicant :Staple Court 11 Staple Inn Buildings
(33) Name of priority country	:U.K.	London Greater London WC1V 7QH United Kingdom
(86) International Application No	:PCT/GB2011/050749	(72)Name of Inventor :
Filing Date	:14/04/2011	1)MITCHELL Andrew
(87) International Publication No	:WO/2011/128696	2)DJENNATI Nasser
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Ale stars at a		•

(54) Title of the invention : IMMUNOASSAY APPARATUS INCORPORATING MICROFLUIDIC CHANNEL

(57) Abstract :

An assay apparatus having an assay strip (6). The assay strip (6) has a first area (2) with a plurality of magnetic particles bonded thereto. The assay strip (6) also has a microfluidic (or nanofluidic) channel or chamber having a sensing area comprising one or more magnetic particle traps (7 8 9) and a magnetic field source (5) provided adjacent to the sensing area. Introduction of a fluid causes the magnetic particles to become attached to or displaced by a substance of interest travel along the microfluidic channel to the sensing area and become concentrated in the one or more traps (7 8 9) thus providing an indication of the presence or absence of a substance of interest in the fluid. There may be a plurality of traps (7 8 9).

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

(21) Application No.9452/CHENP/2012 A

(22) Date of filing of Application :06/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : NANO-PARTICLES CONTAINING CARBON AND A FERROMAGNETIC METAL OR ALLOY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10161530.0 :29/04/2010 :EPO :PCT/NL2011/050296 :29/04/2011	 (71)Name of Applicant : 1)BASF CORPORATION Address of Applicant :100 Park Avenue Florham Park New Jersey 07932 U.S.A. (72)Name of Inventor : 1)JENNESKENS Leonardus Wijnand 2)GEUS John Wilhelm 3)REESINK Bernard Hendrik 4)BERBEN Pieter Hildegardus 5)HOEKSTRA Jacobus
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(57) Abstract :

The invention relates to nano-particles comprising metallic ferromagnetic nanocrystals combined with either amorphous or graphitic carbon in which or on which chemical groups are present that can dissociate in aqueous solutions. According to the invention there is provided nano-particles comprising metal particles of at least one ferromagnetic metal which metal particles are at least in part encapsulated by graphitic carbon. The nano-particles of the invention are prepared by impregnating carbon containing bodies with an aqueous solution of at least one ferromagnetic metal precursor drying the impregnated bodies followed by heating the impregnated bodies in an inert and substantially oxygen-free atmosphere thereby reducing the metal compounds to the corresponding metal or metal alloy.

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

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR SSS DETECTION UNDER CARRIER FREQUENCY OFFSET IN AN ORTHOGONAL FREQUENCY-DIVISION MULTIPLE ACCESS DOWNLINK CHANNEL

 (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 	:H04W56/00,H04J11/00 :12/763,482 :20/04/2010 :U.S.A. :PCT/US2011/033210 :20/04/2011 :WO/2011/133647 :NA :NA :NA	 (71)Name of Applicant : 1)PCTEL INC Address of Applicant :471 Brighton Drive Bloomingdale Illinois 60108 USA (72)Name of Inventor : 1)WEI ZHA 2)Amir SOLTANIAN 3)Yuelun GUO 4)Wei LU
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(57) Abstract :

A system and method for SSS detection under carrier frequency offset in an orthogonal frequency-division multiple access (OFDMA) downlink channel. A processor receives a signal sample that includes a transmission on a primary synchronization signal (PSS) and a transmission on a secondary synchronization signal (SSS). The processor determines a correlation P of a first symbol transmitted in the PSS of the signal sample to a first known symbol at each time t of time increments k of the signal sample and a correlation S of a second symbol transmitted in the a SSS to a second known symbol at each time t-.5/7msecs. The processor receives a candidate phase rotation of θ i from a set of i candidates and determines a correlation Cmax over the time increments k representing a maximum amplitude of a combined correlation of S and P, with P rotated by θ i. The processor determines the cell identifier from the first and second known symbols that produced S and P of C max and an estimation of the frequency offset between a transmitter of the signal sample and a receiver of the signal sample.

No. of Pages : 24 No. of Claims : 16

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS SYSTEM AND METHOD FOR DETECTION AND DELIVERY OF A MEDICINAL DOSE

 (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 	:11/04/2011	 (71)Name of Applicant : 1)PROTEUS DIGITAL HEALTH INC. Address of Applicant :2600 Bridge Parkway Suite 101 Redwood City California 94065 United States of America (72)Name of Inventor : 1)ARNE Lawrence 2)COSTELLO Benedict 3)MESTMAN Yuriy 4)ROBERTSON Timothy 5)SAVAGE George 6)STRAND Angela 7)THOMPSON Todd 8)ZDEBLICK Mark 9)MCALLISTER William
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(57) Abstract :

An apparatus is disclosed as part of a system for tracking and confirming delivery of a medicinal dose to a user. The apparatus includes a detector. The detector is secured to and communicatively coupled to the user and is capable of detecting a current flow through the users body. The current flow is produced when the user makes contact with the apparatus. The apparatus includes at least two contact areas connected to a power source where a circuit and hence a current path is completed through the users body as the user makes contact with the apparatus. The apparatus. The current flow is detected by the detector which is coupled to the user. Also disclosed is an apparatus for tracking and confirming delivery of a medicinal dose to a user where the

No. of Pages : 96 No. of Claims : 36

(22) Date of filing of Application :15/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : INNOVATIVE DISCOVERY OF THERAPEUTIC DIAGNOSTIC AND ANTIBODY COMPOSITIONS RELATED TO PROTEIN FRAGMENTS OF ALANYL TRNA SYNTHETASES

(51) International classification	:C12N9/00,A61K38/43,C07K16/40	(71)Name of Applicant : 1)ATYR PHARMA INC.
(31) Priority Document No	:61/329,048	Address of Applicant :3545 John Hopkins Court Suite #250
(32) Priority Date	:28/04/2010	San Diego CA 92121 United States of America
(33) Name of priority country		2)PANGU BIOPHARMA LIMITED
(86) International Application	:PCT/US2011/034387	(72)Name of Inventor :
No	:28/04/2011	1)GREENE Leslie Ann
Filing Date	.20/04/2011	2)CHIANG Kyle P.
(87) International Publication	:WO/2011/139853	3)HONG Fei
No		4)VASSEROT Alain P.
(61) Patent of Addition to	:NA	5)LO Wing-Sze
Application Number	:NA	6)WATKINS Jeffry D.
Filing Date		7)MENDLEIN John D.
(62) Divisional to Application	:NA	8)QUINN Cheryl L.
Number	:NA	
Filing Date		

(57) Abstract :

Provided are compositions comprising newly identified protein fragments of aminoacyl-tRNA synthetases polynucleotides that encode them and complements thereof related agents and methods of use thereof in diagnostic drug discovery research and therapeutic applications.

No. of Pages : 262 No. of Claims : 125

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS AND METHOD FOR MEASURING AN ANALYTE SUCH AS BILIRUBIN USING LIGHT

 (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 	:PCT/IB2011/051856 :27/04/2011 :WO/2011/148280 :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)MELJER Eduard Johannes 2)KUDAVELLY Srinivas Rao
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An analyte measuring device (5) for monitoring for example levels of a tissue analyte (e.g. bilirubin) includes a number of narrow band light sources (10) each narrow band light source being structured to emit a spectrum of light covering a number of wavelengths and a number of detector assemblies (15) configured to receive light reflected from the transcutaneous tissues of a subject. Each of the detector assemblies includes a filter (20) and a photodetector (25) each filter being structured to transmit a main transmission band and one or more transmission sidebands wherein for each narrow band light source the spectrum thereof includes one or more wavelengths that fall within the transmission band of at least one of the filters and wherein for each narrow band light source the spectrum thereof does not include any wavelengths that fall within the one or more transmission sidebands of any of the optical filters.

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

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : ULTRASOUND TRANSDUCER FOR SELECTIVELY GENERATING ULTRASOUND WAVES AND HEAT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61N7/00,G01N29/34,A61B8/00 :10164111.6 :27/05/2010 :EPO :PCT/IB2011/052255 :24/05/2011	 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)VAN HEESCH Christianus Martinus
Filing Date (87) International Publication No	:WO/2011/148314	2)KOLESNYCHENKO Aleksey
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In order to provide heating means for an ultrasonic application setup adapted for heating a sample (20) gently and fast and saving costs and space an ultrasound transducer (10) capable of being driven at multiple frequencies including a main frequency for efficient production of ultrasound waves and at least one alternative frequency at which almost no ultrasound is generated a system for sample analysis comprising such an ultrasound transducer (10) and a method for controlling such an ultrasound transducer (10) are proposed wherein the ultrasound transducer (10) is driven either at the main frequency for generating ultrasonic waves or at the alternative frequency for generating heat in the ultrasound transducer (10) if the sample (20) is to be heated.

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

(21) Application No.9298/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 02/01/2015

	(54) Title of the invention : A BEAMSHAPING OPTICAL STACK A LIGHT SOURCE AND A LUMINAIRE			
 (51) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) International Application No (36) International Publication No (37) Name of Applicant : GROENEW (37) Name of Inventor : (38) Name of Application Number (39) Name of Na	E CTRONICS N.V. WOUDSEWEG 1			

(57) Abstract :

A beamshaping optical stack (108) a light source and a luminaire is provided. The beamshaping optical stack (108) is to be optically coupled to a light emitting surface of a light emitter. The beamshaping optical stack (108) comprises a first light transmitting layer (120) and a second light transmitting layer (118). The second light transmitting layer (118) comprises a first side (110) which is optically coupled to the first light transmitting layer (120) to receive light from the first light transmitting layer (120). The second light transmitting layer (118) further comprises a second side (106) which is substantially opposite the first side (110) to emit the received light into another optical medium. The second light transmitting layer (118) further comprises a geometrical structure (116) at the second side (106) to obtain a decreasing light emission with increasing light

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

(21) Application No.9694/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS AND METHOD FOR RANDOM ACCESS CHANNEL POWER PRIORITIZATION

 (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 	:61/349,651 :28/05/2010 :U.S.A. :PCT/US2011/038220 :26/05/2011 :WO/2011/150265 :NA :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)GAAL Peter 2)MONTOJO Juan 3)CHEN Wanshi 4)LUO Tao
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(57) Abstract :

A method apparatus and computer program product for wireless communication are provided in which a transmission power is prioritized between an access channel and a second channel. Additionally the access channel and the second channel are transmitted simultaneously. Each of the access channel and the second channel are transmitted at a transmission power determined based on the priority. Further a method apparatus and computer program product for wireless communication are provided in which information is received regarding first resources to use for transmitting an access channel with an acknowledgment and second resources for transmitting the access channel with a negative acknowledgment. Further the access channel is transmitted on the first or second resources.

No. of Pages : 55 No. of Claims : 62

(22) Date of filing of Application :23/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSITIONING FROM A SERVING NETWORK NODE THAT SUPPORTS AN ENHANCED SECURITY CONTEXT TO A LEGACY SERVING NETWORK NODE

(51) International classification	:H04W36/00,H04W12/04	(71)Name of Applicant :
(31) Priority Document No	:61/324,991	1)QUALCOMM INCORPORATED
(32) Priority Date	:16/04/2010	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/032754	United States of America
Filing Date	:15/04/2011	(72)Name of Inventor :
(87) International Publication No	:WO/2011/130681	1)ESCOTT Adrian Edward
(61) Patent of Addition to Application	:NA	2)PALANIGOUNDER Anand
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for transitioning a remote station from a current serving network node having an enhanced security context to a new serving network node. In the method the remote station provides at least one legacy key and generates at least one session key based on an information element associated with the enhanced security context. The remote station forwards a first message having the information element to the new serving network node. The remote station receives a second message from the new serving network node having a response based on either the legacy key or the session key. The remote station determines that the new serving network node does not support the enhanced security context if the response of the second message is based on the legacy key. Accordingly the remote station protects communications based on the legacy key upon determining that the enhanced security context is not supported.

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

(21) Application No.9243/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : PROVIDING DELIMITERS FOR LOW-OVERHEAD COMMUNICATION IN A NETWORK (51) International classification :H04L12/413 (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM ATHEROS INC. :61/323,326 Address of Applicant :1700 Technology Drive San Jose (32) Priority Date :12/04/2010 (33) Name of priority country California 95110 United States of America. :U.S.A. (86) International Application No :PCT/US2011/032164 (72)Name of Inventor : Filing Date 1)YONGE Lawrence W. III :12/04/2011 (87) International Publication No :WO/2011/130308 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Transmitting a waveform over a shared medium from a first station to at least one second station comprises: forming a first portion of the waveform comprising a symbol having a predetermined symbol length the symbol comprising a first set of frequency components at predetermined carrier frequencies modulated with preamble information stored in the second station and a second set of frequency components at predetermined carrier frequencies modulated with information to be communicated to the second station; forming a second portion of the waveform the second portion of the waveform comprising an segment that is correlated with at least an initial segment of the first portion of the waveform; and transmitting the waveform including the second portion followed in time by the first portion over the shared medium.

No. of Pages : 92 No. of Claims : 10

(22) Date of filing of Application :30/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHODS AND SYSTEMS TO PERMIT MULTIPLE VIRTUAL MACHINES TO SEPARATELY CONFIGURE AND ACCESS A PHYSICAL RESOURCE

(57) Abstract :

Methods and systems to pennit multiple virtual machines (VMs) to separately configure and access a physical resource substantially outside of a virtual machine monitor (VMM) that hosts the VMs. Each of a plurality of virtual machines (VMs) may access and configure the physical device through corresponding instances of a device driver that exposes controllable functions of the physical device within the VMs. VM-specific configuration parameters and connection infonnation may be maintained for each of the VMs outside of a VMM to reconfigure or virtualize the physical device for each of the VMs with the corresponding VM-specific configuration parameters and could evice virtualization augmentation features may be implemented within a combination of a physical device controller and a host device driver that executes outside of the VM.

No. of Pages : 34 No. of Claims : 23

(22) Date of filing of Application :20/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : MACHINES SYSTEMS COMPUTER-IMPLEMENTED METHODS AND COMPUTER PROGRAM PRODUCTS TO TEST AND CERTIFY OIL AND GAS EQUIPMENT

	:PCT/US2011/034863	 (71)Name of Applicant : 1)S.P.M. FLOW CONTROL INC. Address of Applicant :7601 Wyatt Drive Fort Worth TX 76108 U.S.A. (72)Name of Inventor : 1)SCOTT HUNTER
Filing Date (87) International Publication No	:02/05/2011 :WO/2011/137460	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments of machines, systems, computer-implemented methods, and computer program products certify oil and gas well equipment. Embodiments identify a selected well equipment device, a device test specification, and testing sequences to be performed by a corresponding testing apparatus. Embodiments select a testing sequence responsive to the selected device. Embodiments control the testing apparatus for the selected testing sequence so that the corresponding testing apparatus performs the sequence responsive to the device test specification. Embodiments generate testing data for the selected testing sequence and link the testing data for the selected testing sequence to the device identifier for the device so that a certificate can be generated. Embodiments generate a certificate for the selected device responsive to the testing sequences having been performed upon the selected device and link the certificate for the selected device to the device identifier so that the certificate can be readily recalled.

No. of Pages : 65 No. of Claims : 21

(21) Application No.9174/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/10/2012

(43) Publication Date : 02/01/2015

:C01G23/047	(71)Name of Applicant :
:2010901439	1)ILUKA RESOURCES LIMITED
:06/04/2010	Address of Applicant :Level 23 140 St Georges Terrace Pert
:Australia	Western Australia 6000 Australia
:PCT/AU2011/000390	(72)Name of Inventor :
:06/04/2011	1)MCDOUGALL Timothy John
:WO/2011/123888	2)VAISEY Andre Kirwan
٠NTA	
INA	
:NA	
:NA	
	:2010901439 :06/04/2010 :Australia :PCT/AU2011/000390 :06/04/2011 :WO/2011/123888 :NA :NA :NA

(54) Title of the invention : IMPROVED SYNTHETIC RUTILE PROCESS A

(57) Abstract :

A process for recovering titanium as synthetic rutile from an ilmenite unsuited to the standard Becher process includes the steps of treating the ilmenite unsuited to the standard Becher process in a reducing atmosphere in the presence of a carbonaceous reductant whereby to convert the ilmenite to reduced ilmenite in which iron oxides in the ilmenite have been reduced to metallic iron and separating out the metallic iron so as to obtain a synthetic rutile product. The treatment of the ilmenite is at an elevated temperature lower than that for which the TiO2 content of the synthetic rutile product is highest but at which there is substantially no reoxidation of the metallic iron. The carbonaceous reductant comprises coal selected for a gasification reactivity that results in an increased rate of reduction of iron oxides and titanium ...

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

(22) Date of filing of Application :06/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : X-RAY GENERATING DEVICE EMPLOYING A MECHANICAL ENERGY SOURCE AND METHOD

(51) International classification	:H05G1/06,H05G1/10	(71)Name of Applicant :
(31) Priority Document No	:10162277.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:07/05/2010	Address of Applicant : GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051868	(72)Name of Inventor :
Filing Date	:28/04/2011	1)VOGTMEIER Gereon
(87) International Publication No	:WO/2011/138713	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		<u> </u>

(57) Abstract :

The present invention relates to the generation of X-ray-radiation (10) in particular to an X-ray generating device (2) adapted for interventional imaging. Brachytherapy requires for miniaturized X-ray generating devices (2) suitable for in vivo operation. In particular an X-ray generating device (2) arranged within a patients body requires dedicated cabling for providing both a high voltage and/or cooling to the X-ray source. Accordingly an X-ray generating device (2) is provided that employs a mechanical energy source for local generation of a high voltage within the X-ray generating device (2) and further employing the mechanical energy source for cooling of the X-ray source.

No. of Pages : 19 No. of Claims : 15

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : INK COMPOSITION IMAGE FORMING METHOD AND PRINT MATERIAL

(31) Priority Document No:20(32) Priority Date:15(33) Name of priority country:Ja(86) International Application No:NFiling Date:N(87) International Publication No: N(61) Patent of Addition to Application Number:NFiling Date:N(62) Divisional to Application Number:N	 B41J (71)Name of Applicant : 1)FUJIFILM Corporation Address of Applicant :26-30 Nishiazabu 2-chome Minato-ku Tokyo 106-8620 Japan (72)Name of Inventor : 1)HIRONAKA Koji NA NA
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(57) Abstract :

Provided is an ink composition capable of forming images having excellent water resistance, excellent solvent resistance and excellent adhesiveness to base materials, the ink composition including (Component A) a polymer containing a repeating unit (al) having at least one of an aromatic ketone structure and an aliphatic 1,2-diketone structure, a repeating unit (a2) having at least one of a tertiary amine structure and a thiol structure, and a repeating unit (a3) having an ethylenically unsaturated double bond, and (Component B) a coloring material.

No. of Pages : 68 No. of Claims : 16

(21) Application No.9432/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR HEATING WATER AND PRODUCING STEAM

(51) International classification	:A47J31/54,F24H1/16	(71)Name of Applicant :
(31) Priority Document No	:FI2010A000112	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:21/05/2010	Address of Applicant : GROENEWOUDSEWEG 1
(33) Name of priority country	:Italy	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/052179	(72)Name of Inventor :
Filing Date	:18/05/2011	1)BERTO Giovanni
(87) International Publication No	:WO 2011/145064	2)BALDO Massimo
(61) Patent of Addition to Application	:NA	3)SANTINI Marco
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

The device (2) comprises: a first water heater (9) having at least a first water duct (45) and at least a first heating member (43); and a second water heater (23) having at least a second water duct (55). The first water heater (9) and the second water heater (23) are in thermal connection the one to the other one.

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

(21) Application No.9798/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:H02M7/10	(71)Name of Applicant :
(31) Priority Document No	:10164603.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:01/06/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/052331	(72)Name of Inventor :
Filing Date	:27/05/2011	1)LUERKENS Peter
(87) International Publication No	:WO/2011/151767	2)LOEF Christoph
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastra et :		•

(54) Title of the invention : VOLTAGE RECTIFIER WITH SPECIFIC DIODE ARRANGEMENT

(57) Abstract :

The invention is directed to a voltage rectifier (23) comprising at least two diode arrays (33 34 35 36) each comprising plural diodes (33a 33b 33p 34a 34b 35a 35b 35p 36a 36b 36c 36d 36p) connected in series. The diode arrays are arranged in an enclosure (47). The diode arrays are arranged in a special arrangement for providing an even distribution of a field strength. According to an embodiment and with respect to the figures the vertical distance between an enclosure (47) and the diode arrays (33 34 35 36) increases when horizontally distancing from the direct current terminals. Further the invention provides a voltage generator (21) and a voltage rectifier (23) having such a voltage rectifier.

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

(22) Date of filing of Application :30/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : NATIVE DEVICES HAVING IMPROVED DEVICE CHARACTERISTICS AND METHODS FOR FABRICATION

classification (31) Priority Document No :12/770,191 (32) Priority Date :29/04/2010 (33) Name of priority country :U.S.A. (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to NA	032904	 (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)EKBOTE Shashank S. 2)ZHANG Rongtian
(61) Patent of Addition to Application Number Filing Date :NA		
(62) Divisional to Application Number Filing Date :NA		

(57) Abstract :

A method for fabricating a native device is presented. The method includes forming a gate structure over a substrate starting at an outer edge of an inner marker region where the gate structure extends in a longitudinal direction and performing MDD implants where each implant is performed using a different orientation with respect to the gate structure performing pocket implants where each implant is performed using a different orientation with respect to the gate structure and concentrations of the pocket implants vary based upon the orientations. A transistor fabricated as a native device is presented which includes an inner marker region an active outer region which surrounds the inner marker region a gate structure coupled to the inner marker region and first and second source/drain implants located within the active outer region and interposed between the first source/drain implant and the second source/drain implant.

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

(22) Date of filing of Application :30/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : FLUOROPOLYMER COATING COMPOSITIONS

 (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 	:C08L27/18,C09D127/18,C08L27/12 :61/324,521 :15/04/2010 :U.S.A. :PCT/US2011/031909 :11/04/2011 :WO 2011/130154 :NA	 (71)Name of Applicant : 1)WHITFORD CORPORATION Address of Applicant :47 Park Avenue Elverson PA 19520 United States of America (72)Name of Inventor : 1)HARVEY Leonard W. 2)BRAIN Helen L. 3)ROBERTS-BLEMING Susan J. 4)LEECH Lawrence D. 5)BATE Thomas J.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Blended fluoropolymer compositions that in one exemplary application may be applied as a coating to a substrate and optionally may be applied to a substrate that has been previously coated with a primer or basecoat and/or a midcoat. In one embodiment the composition is a blend of at least one high molecular weight trace modified polytetrafluoroethyelene (TMHPTFE) and at least one melt-processible fluoropolymer (MPF). After being applied to the substrate optionally over a primer or basecoat and/or midcoat and then cured the present compositions form coatings that demonstrate improved abrasion resistance and/or improved release characteristics and/or increased translucency/transparency and /or improved impermeability. The present compositions may also be used to produce films having a high degree of clarity and impermeability. The present compositions in powder form may be melt or paste extruded to form articles with improved impermeability.

No. of Pages : 46 No. of Claims : 14

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : HEPATITIS C VIRUS INHIBITORS

 (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 	:NA :NA :NA :PCT/US2010/044356 :04/08/2010 :WO 2012/018325	 (71)Name of Applicant : 1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant :P.O. Box 4000 Route 206 and ProvinceLine Road Princeton New Jersey 08543 4000 U.S.A. (72)Name of Inventor : 1)ROMINE Jeffrey Lee
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(57) Abstract :

The present disclosure relates to compounds compositions and methods for the treatment of hepatitis C virus (HCV) infection. Also disclosed are pharmaceutical compositions containing such compounds and methods for using these compounds in the treatment of HCV infection.

No. of Pages : 268 No. of Claims : 13

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD FOR EVALUATION OF SENSITIVITY OF CANCER TISSUE DERIVED CELL MASS OR AGGREGATED CANCER CELL MASS TO MEDICINAL AGENT OR RADIOACTIVE RAY

 (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 	:G01N33/15,G01N33/50 :2010120827 :26/05/2010 :Japan :PCT/JP2011/062075 :26/05/2011 :WO 2011/149013 :NA :NA	 (71)Name of Applicant : 1)Renaissance Energy Investment Co. Ltd. Address of Applicant :1 39 Goryou Ohara Nishikyo ku Kyoto shi Kyoto 6158245 Japan 2)Osaka Prefectural Hospital Organization (72)Name of Inventor : 1)INOUE Masahiro

(57) Abstract :

in vivoin vitroDisclosed is a method for evaluating the sensitivity to a medicinal agent or a radioactive ray using a novel cancer tissue derived cell mass or aggregated cancer cell mass which can reflect the behavior of cancer cells accurately. Firstly the cancer tissue derived cell mass or aggregated cancer cell mass is prepared from an individual. The evaluation is achieved by applying a medicinal agent or a radioactive ray to the novel cancer tissue derived cell mass or aggregated cancer cell mass and evaluating the state of growth of the cancer tissue derived cell mass or aggregated cancer cell mass determining whether the cancer tissue derived cell mass or aggregated cancer cell mass is dead or alive or analyzing a signal from the cancer tissue derived cell mass or aggregated cancer cell mass.

No. of Pages : 109 No. of Claims : 23

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPRATUS FOR ENCODING VIDEO BY USING TRANSFORMATION INDEX AND METHOD AND APPRATUS FOR DECODING VIDEO BY USING TRANSFORMATION INDEX

 (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 	:H04N7/26 :61/320,826 :05/04/2010 :U.S.A. :PCT/KR2011/002383 :05/04/2011 :WO/2011/126282 :NA :NA	 (72)Name of Inventor : 1)MIN Jung-Hye 2)HAN Woo-Jin 3)LEE Tammy 4)Kim II-Koo
(62) Divisional to Application Number Filing Date	:NA :NA	5)Cheon Min-Su

(57) Abstract :

Encoding and decoding a video using transformation index that indicates information that indicates a structure of a transformation unit transforming data of a current coding unit

No. of Pages : 57 No. of Claims : 15

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : UPLINK POWER CONTROL IN LONG TERM EVOLUTION NETWORKS

 (51) International classification (31) Priority Document No :61/323,754 (32) Priority Date :13/04/2010 (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 (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) Patent of Addition (52) Divisional to (52) Divisional to (53) Name of priority (54) Patent of Paten	 (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)MADHAVAN SRINIVASAN VAJAPEYAM 2)TINGFANG JI 3)HAO XU 4)ALEKSANDAR DAMNJANOVIC
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(57) Abstract :

A method for power control in a long term evolution (LTE) network is disclosed and includes configuring a user equipment (UE) with a plurality of transmit power levels where each transmit power level corresponds to a subframe type. A first power level is used in subframes protected by cooperative coordination between base stations. A second power level corresponds to unprotected subframes. The method also includes scheduling the UE to transmit in accordance with the configured transmit power levels.

No. of Pages : 36 No. of Claims : 31

(21) Application No.9007/CHENP/2012 A

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CARTRIDGE ASSEMBLY HAVING SHARED FASTENING MEANS AND DRUG DELIVERY DEVICE

classification :A01M3/24,A01M3/00,A01M3/31,A01M3/313 1): (31) Priority :61/327,274 Fram (32) Priority Date :23/04/2010 (72): (33) Name of :U.S.A. 1): (86) International :PCT/EP2011/056473 3):	1)Name of Applicant : 1)Sanofi-Aventis Deutschland GmbH Address of Applicant :of Br ^{1/4} ningstrasse 50 D-65929 ankfurt am Main Germany 2)Name of Inventor : 1)OSMAN Thomas Frederick 2)AVERY Richard James Vincent 3)BUTLER Joseph 4)JAMES Aled Meredydd
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(57) Abstract :

A cartridge assembly (200) having a shared fastening features for use with a drug delivery device (202). The cartridge assembly includes a cartridge holder (204) a drug cartridge (206) and a connector (208). The connector may be attached to the drug cartridge. The cartridge assembly further includes a fastening means (210 212) for fastening to a drug delivery device and this fastening means is shared between the cartridge holder and the cartridge or between the cartridge holder and the connector. The drug delivery device may be a reusable drug delivery device or a disposable drug delivery device.

No. of Pages : 57 No. of Claims : 17

(21) Application No.9602/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ACTIVE MACRO-FEMTO HAND-IN WITH HELP FROM OUT-OF-BAND PROXY :H04W36/00,H04W84/04 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)QUALCOMM INCORPORATED :61/327,438 (32) Priority Date Address of Applicant :Attn: International IP Administration :23/04/2010 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121-1714 :U.S.A. (86) International Application No :PCT/US2011/033651 U.S.A. Filing Date :22/04/2011 (72)Name of Inventor : (87) International Publication No :WO/2011/133921 **1)SAMIR S. SOLIMAN** (61) Patent of Addition to Application 2)SOUMYA DAS :NA Number **3)NISHITH K. CHAUBEY** :NA Filing Date **4)OLUFUNMILOLA O. AWONIYL** (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Systems, methods, devices and computer program products are described for supporting active macrocell - to - femtocell hand-ins with help from out-of-band proxy. A femto-proxy system (290) is provided including a femtocell (230) and an out-of-band (OOB) proxy (240). While the femtocell may be addressed by the macro network (100) according to a potentially non-unique identifier (e.g., its PN offset), the OOB proxy is addressable according to a unique OOB identifier (e.g., a Bluetooth device address, BD_ADDR). When the mobile access terminal is in proximity to the femto-proxy system (290), it detects the OOB proxy and communicates the unique OOB identifier to the core network (630) via the macro network, e.g. as part of a measurement report. The OOB identifier is mapped (e.g. in the core network) to the femtocell, allowing the core network to uniquely identify the appropriate target femtocell for active hand- in.

No. of Pages : 62 No. of Claims : 43

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification :G06T7/00	ATION OF INTRAVASCULAR EMBOLIZATION SUCCESS
 (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) Name of priority country (36) International Application No (37) International Publication No (37) Patent of Addition to Application (37) NA (38) Name of priority country (38) Name of priority country (39) Name of priority country (30) Name of priority country (31) Name of priority country (32) Name of priority country (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Publication No (37) International Publication Number (38) NA (38) NA (39) Name of priority country (30) Name of priority country (31) Name of priority country (31) Name of priority country (32) Name of priority country (31) Name of priority country (32) Name of priority country (32) Name of priority country (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) Name of priority country (37) Name of priority country (38) Name of priority country (38) Name of priority country (39) Name of priority country (31) Name of priority country (31) Name of priority country (32) Name of priority country (31) Name of priority country (32) Name of priority country (32) Name of prio	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor :

(57) Abstract :

The present invention relates to a device (2) for automatically quantifying intravascular embolization success comprising a registration unit (4) adapted for registering a first image and a second image a segmentation unit (6) adapted for segmenting a tissue of interest in the first image and in the second image and an evaluation unit (8) for evaluating a deviation of perfusion of the tissue of interest by comparing the first image and the second image. The first image is obtained before an interventional treatment whereas the second image is obtained after such a treatment. Evaluating may comprise comparing the segments of the first and the second images and thus providing a quantitative measure for a perfusion deviation of the tissue e.g. the perfusion deviation of a tumorous tissue before and after an embolization treatment.

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

(21) Application No.9495/CHENP/2012 A

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR OPTIMIZING POWER DISTRIBUTION BETWEEN SYMBOLS

No:04/05/2011:(/2)Name of Inventor :Filing Date:WO/2011/1402621)BHATTAD Kapil(61) Patent of Addition to:WO/2011/1402622)GAAL Peter(61) Patent of Addition to:NA:NAFiling Date:NA:NA(62) Divisional to Application:NANumber:NAFiling Date:NAFiling Date:NA	 (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 	:WO/2011/140262 :NA :NA	 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)BHATTAD Kapil
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(57) Abstract :

A method an apparatus and a computer program product for wireless communication are provided in which a first pre-coding matrix for use on a portion of a set of resource blocks (RBs) is determined. At least one beamforming vector of the set of beamforming vectors is modified by applying a phase rotation to generate a modified pre-coding matrix. The modified pre-coding matrix is applied to one or more demodulation reference signals and data associated with the portion of the set of RBs for transmission using at least one antenna. Furthermore a method apparatus and computer program product for determining an orthogonal cover mode (OCC) matrix are provided.

No. of Pages : 53 No. of Claims : 36

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : APPARATUS AND METHOD FOR ESTIMATING BILIRUBIN CONCENTRATION USING REFRACTOMETRY

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 		 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)KUDAVELLY Srinivas Rao 2)MEIJER Eduard Johannes
Application Number Filing Date	:NA	
(62) Divisional to Application	:NA :NA	

(57) Abstract :

A bilirubin measuring apparatus includes a sample holding portion for holding at least a sample to be analyzed a light source for directing light toward the sample holding portion and means for determining a concentration of bilirubin in the sample based on an amount which the light is refracted while passing through the sample holding portion when at least the sample is held at the sample holding portion. Also a method of measuring bilirubin in a sample includes holding at least the sample at a sample holding position directing light toward the sample holding position so that the light will pass through the sample and determining a concentration of bilirubin in the sample holding position.

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

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : CQI ESTIMATION IN A WIRELESS COMMUNICATION NETWORK

(51) International classification	:H04L1/00,H04W28/06,H04W28/26	(71)Name of Applicant : 1)QUALCOMM INCORPORATED
(31) Priority Document No	:61/323,822	Address of Applicant : ATTN: International IP Administration
(32) Priority Date	:13/04/2010	5775 Morehouse Drive San Diego California 92121-1714 U.S.A.
(33) Name of priority country	y:U.S.A.	(72)Name of Inventor :
(86) International	:PCT/US2011/032284	1)ALAN BARBIERI
Application No	:13/04/2011	2)TINGFANG JI
Filing Date		3)PARAG ARUN AGASHE
(87) International Publication	$1 \cdot WO/2011/120284$	4)YONGBIN WEI
No	. W 0/2011/130384	5)TAESANG YOO
(61) Patent of Addition to	:NA	6)TAO LUO
Application Number	:NA	7)MADHAVAN SRINIVASAN VAJAPEYAM
Filing Date	.INA	8)HAO XU
(62) Divisional to	:NA	9)ALEKSANDAR DAMNJANOVIC
Application Number	:NA :NA	
Filing Date	.1NA	

(57) Abstract :

Techniques for estimating and reporting channel quality indicator (CQI) are disclosed. Neighboring base stations may cause strong interference to one another and may be allocated different resources, e.g., different subframes. A UE may observe different levels of interference on different resources. In an aspect, the UE may determine a CQI for resources allocated to a base station and having reduced or no interference from at least one interfering base station. In another aspect, the UE may determine a first CQI for resources of different types and associated with different interference levels. For example, the UE may determine a first CQI based on at least one first subframe allocated to the base station and having reduced or no interference from the interfering base station(s). The UE may determine a second CQI based on at least one second subframe allocated to the interfering base station(s).

No. of Pages : 55 No. of Claims : 83

(22) Date of filing of Application :26/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : ASCRIBING ACTIONABLE ATTRIBUTES TO DATA THAT DESCRIBES A PERSONAL IDENTITY

 (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 	:14/04/2011 :WO/2011/130526 :NA :NA	 (71)Name of Applicant : 1)THE DUN AND BRADSTREET CORPORATION Address of Applicant :103 JFK Parkway Short Hills NJ 07078 United States of America (72)Name of Inventor : 1)SCRIFFIGNANO Anthony J. 2)KLEIN Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There is provided a method that includes (a) receiving an inquiry to initiate a search for data for a specific individual (b) determining based on the inquiry a strategy and flexible predictiveness equations to search a reference database (c) searching the reference database in accordance with the strategy for a match to the inquiry; and (d) outputting the match. The method may also output flexible feedback related to the match that reflects inferred quality of the match experience which can be used by an end-user to determine the degree to which the matched entity meets that end-users quality-based criteria. There is also provided a system that performs the method and a storage medium that contains instructions that control a processor to perform the method

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.9880/CHENP/2012 A	
(22) Date of filing of Application :23/11/2	012	(43) Publication Date : 02/01/2015	
(54) Title of the invention : SYSTEMS METHODS APPRATUS AND COMPUTER PROGRAM PRODUCTS FOR WIDEBAND SPEECH CODING			
 (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 	:G10L21/02 :61/350,425 :01/06/2010 :U.S.A. :PCT/US2011/038814 :01/06/2011 :WO/2011/153278 :NA :NA :NA :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)YANG Dai 2)SINDER Daniel J. 	

(57) Abstract :

Methods of audio coding are described in which an excitation signal for a first frequency band of the audio signal is used to calculate an excitation signal for a second frequency band of the audio signal that is separated from the first frequency band. (Fig 1)

No. of Pages : 99 No. of Claims : 50

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : IMMUNOGENIC COMPOSITIONS AND METHODS FOR TREATING NEOPLASIA

 (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 	:A61K38/17,A61K38/16,A61K38/19 :61/328,471 :27/04/2010 :U.S.A. :PCT/US2011/034139 :27/04/2011 :WO/2011/139769	 (71)Name of Applicant : 1)THE JOHNS HOPKINS UNIVERSITY Address of Applicant :3400 N. Charles Street Baltimore MD 21218 United States of America (72)Name of Inventor : 1)KIM Young Jun 2)PARDOLL Drew M. 3)DRAKE Charles George 4)DAVIS Meghan 5)FU Juan
 Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

The invention provides provides immunogenic compositions comprising neoplastic cells expressing a cytokine (GM-CSF) formulated with at least one TLR agonist and methods of using the composition to induce or enhance an immune response.

No. of Pages : 63 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :30/12/2011

(43) Publication Date : 02/01/2015

(54) Title of the invention : PREPARATION AND USES OF 1,2,4-TRIAZOLE [1,5A] PYRIDINE DERIVATES

 (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 	:C07D471/04 :61/184533 :05/06/2009 :U.S.A. :PCT/US2010/037363 :04/06/2010 :WO 2010/141796 A2 :NA :NA :NA :NA	 (71)Name of Applicant : 1)CEPHALON, INC. Address of Applicant :41 MOORES ROAD, P.O. BOX 4011, FRAZER, PENNSYLVANIA 19355 U.S.A. (72)Name of Inventor : 1)CURRY, MATTHEW, A. 2)DORSEY, BRUCE, D. 3)DUGAN, BENJAMIN, J. 4)GINGRICH, DIANE, E. 5)MESAROS, EUGEN, F. 6)MILKIEWICZ, KAREN, L.
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(57) Abstract :

This application relates to compounds of the general Formula I and salts thereof -wherein X R1A\R1B, R2, R3, R4, and R5 are as defined herein. The application also relates to compositions and methods of treatment of hyperproliferative diseases or disorders.

No. of Pages : 471 No. of Claims : 28

(21) Application No.9588/CHENP/2012 A

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

(43) Publication Date : 02/01/2015

	G00G5/00 G01 G 0 2/00	
(51) International classification	:G08G5/00,G01C23/00	(71)Name of Applicant :
(31) Priority Document No	:10275046.0	1)BAE SYSTEMS PLC
(32) Priority Date	:22/04/2010	Address of Applicant :6 Carlton Gardens London SW1Y
(33) Name of priority country	:EPO	5AD United Kingdom.
(86) International Application No	:PCT/GB2011/050822	(72)Name of Inventor :
Filing Date	:26/04/2011	1)STEVEN PENDRY
(87) International Publication No	:WO/2011/132002	2)TIMOTHY HOOD
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : FLIGHT PLANNING METHODS AND SYSTEMS

(57) Abstract :

(EN)An electronic flight planning system is provided, arranged to implement a preferred method for identifying conflicts between flight plans for aircraft. In the preferred method, the system receives, as data input from one or more users, a plurality of flight plans each defining a flight by an aircraft; the system determines, for each aircraft and its respective received flight plan, a threedimensional region of potential conflict, representative both of the uncertainty in the position of the aircraft and of a region of air exclusion appropriate for the aircraft or for the respective received flight plan; and the system determines, on the basis of the determined regions of potential conflict, whether one of the received flight plans is in conflict with any of the other received flight plans.

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

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

(43) Publication Date : 02/01/2015

 (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 	:61/356,525 :08/06/2010 :U.S.A. :PCT/US2011/040584 :15/06/2011 :WO/2011/159838 :NA :NA :NA	 (71)Name of Applicant : 1)Xicato Inc. Address of Applicant :4880 Stevens Creek Blvd. Suite 204 San Jose CA 95129 USA (72)Name of Inventor : 1)Gerard Harbers
Filing Date	:NA	

(54) Title of the invention : LED-BASED ILLUMINATION MODULE ON-BOARD DIAGNOSTICS

(57) Abstract :

A light emitting diode (LED) based illumination module performs on-board diagnostics. For example diagnostics may include estimating elapsed lifetime degradation of phosphor thermal failure failure of LEDs or LED current adjustment based on measured flux or temperature. The elapsed lifetime may be estimated by scaling accumulated elapsed time of operation by an acceleration factor derived from actual operating conditions such as temperature current and relative humidity. The degradation of phosphor may be estimated based on a measured response of the phosphor to pulsed light from the LEDsA thermal failure may be diagnosed using a transient response of the module from a start up condition. The failure of LEDs may be diagnosed based on measured forward voltageThe current for LEDs may adjusted using measured flux values and current values and a desired ratio of flux values. Additionally the LED current may be scaled based on a measured temperature.

No. of Pages : 96 No. of Claims : 20

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : A HEATED MOULD AND USE OF SAID MOULD FOR FORMING FIBRE REINFORCED COMPOSITES

 (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 	:PCT/DK2010/000035 :19/03/2010	 (71)Name of Applicant : SSP Technology A/S Address of Applicant :of Gemalvej 15A DK-5771 Stenstrup Denmark (72)Name of Inventor : STRENSEN Flemming
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	n:NA :NA	

(57) Abstract :

The invention relates to a method for forming fibre reinforced composites such as rotor blades for wind turbines and to a heated mould. The mould comprises an active surface (21) intended to be in contact with the composite and a core member (1) comprising a cell structure. One or more conduit(s) (5) is/are embedded in the core member forming a path through the cell structure and one or more heating wire(s) (5). The core member (1) is preferably made from a material with a high thermal conductivity and may comprise openings (14) in at least some cell walls of the cell structure to allow fluids to pass there through. The mould may comprise two or more heating zones.

No. of Pages : 21 No. of Claims : 14

(21) Application No.9801/CHENP/2012 A

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SAMPLE CA	ARRIER WITH LIGHT R	EFRACTING STRUCTURES
 (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 	:G01N21/03,B01L3/00 :10164755.0 :02/06/2010 :EPO :PCT/IB2011/052371 :30/05/2011 :WO/2011/151778 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)NEIJZEN Jacobus Hermanus Maria 2)SCHLEIPEN Johannes Joseph Hubertina Barbara

(57) Abstract :

The invention relates to a carrier (211) and an apparatus for optical manipulations of a sample in a sample chamber (2) wherein the carrier (211) comprises a contact surface (12) with a plurality of holes (52) particularly grooves (52). In a preferred embodiment the holes (52) have two oppositely slanted opposing facets (53 54) that include an angle (2a) of less than about $(\frac{3}{4})$ 140° with $\frac{3}{4}$ and n2 being the refractive indices of the carrier and the sample respectively. Moreover a light source may be arranged such that it generates an input light beam (LI) which traverses at least two holes (52) before leaving the carrier (211) as an output light beam (L2).

No. of Pages : 23 No. of Claims : 15

(21) Application No.8475/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(51) International classification	:H04L1/18	(71)Name of Applicant :
(31) Priority Document No	:61/327,575	1)QUALCOMM INCORPORATED
(32) Priority Date	:23/04/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2011/033674	United States of America
Filing Date	:22/04/2011	(72)Name of Inventor :
(87) International Publication No	:WO/2011/133938	1)WENTINK Maarten Menzo
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : SEQUENTIAL ACK FOR MULTI-USER TRANSMISSIONS

(57) Abstract :

Techniques are provided for sending an acknowledgment from a station to an access point in response to a multi-user transmission which may include receiving a multi-user transmission addressed to a multi-user group including the station determining a response position of the station in a sequence of responses based on an order of the station in the group and sending the acknowledgment in the determined response position. Techniques are also provided for ordering acknowledgments from a group of stations addressed in a multi-user transmission from an access point which may include selecting a group identifier to identify the group of stations to receive the multi-user transmission configuring a header portion of the multi-user transmission to indicate a Sequential ACK acknowledgment policy for station responses based on an order of the stations in the group and transmitting the multi-user transmission to the group.

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

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM APPARATUS AND METHOD TO ENABLE DOMAIN SELECTION IN A MULTIMODE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication No (37) International Publication No (37) PCT/US2011/02 (38) Priority Date (38) NA (31) NA (31) NA (32) NA (33) Name of priority country (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Publication Number (37) PCT/US2011/02 (37) PCT/US2011/02 (38) PCT/US2011/02 (39) Potemation No (30) PCT/US2011/02 (31) Potemation No (32) PCT/US2011/02 (33) Name of Publication Number (34) NA (36) Potemation No (37) PCT/US2011/02 (38) PCT/US2011/02 (39) Potemation No (39) PCT/US2011/02 (30) Potemation No (31) PCT/US2011/02 (32) PCT/US2011/02 (33) PCT/US2011/02 (34) PCT/US2011/02 (35) PCT/US2011/02 (36) PCT/US2011/02 (37) PCT/US2011/02 (38) PCT/US2011/02 (38) PCT/US2011/02 (39) PCT/US2011/02 (31) PCT/US2011/02 (32)	 (71)Name of Applicant : (71)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)SHYAMAL RAMACHANDRAN 2)THOMAS KLINGENBRUNN
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(57) Abstract :

Certain aspects of the present disclosure propose a method for domain selection in a multimode UE. The domain selection method may be used to select domains for short message service (SMS) and/or voice service when the UE has camped on a packet switched (PS) network such as LTE. The proposed domain selection method may take into account UE capabilities, home operator preferences, visited operator preferences, visited network capabilities, and user settings.

No. of Pages : 43 No. of Claims : 40

(22) Date of filing of Application :17/10/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : DEVICE FOR CLEANING A SURFACE COMPRISING AT LEAST ONE ROTATABLE BRUSH

(51) International classification	:A47L11/292,A47L9/04	(71)Name of Applicant :
(31) Priority Document No	:10163373.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:20/05/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/052135	(72)Name of Inventor :
Filing Date	:16/05/2011	1)DE WIT Bastiaan Johannes
(87) International Publication No	:WO/2011/145039	2)VOORHORST Fokke Roelof
(61) Patent of Addition to Application	:NA	3)VAN DER KOOI Johannes Tseard
Number	:NA	4)SETAYESH Sepas
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for cleaning a surface (11) comprises at least one rotatable brush (3 4) which is provided with flexible brush elements (18) for contacting the surface (11) andpicking up dirt particles (10) and liquid which are present on the surface (11) during a dirtpick-up period of each revolution of the brush (3 4) and means for driving the brush (3 4). A linear mass density of the flexible brush elements (18) is chosen such as to be lower than 50 g per 10 km at least at tip portions and an acceleration at tips of the brush elements (18) is set such as to be at least 3 000 m/sec2 at least at some time during another period of each revolution of the brush (3 4) than the dirt pick-up period namely a period in which the brush elements (18) are free from contact to the surface (11).

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

(21) Application No.8925/CHENP/2012 A

(19) INDIA(22) Date of filing of Application :17/10/2012

(43) Publication Date : 02/01/2015

(51) International classification	:H01L31/00	(71)Name of Applicant :
(31) Priority Document No	:12/749,076	1)Solar Junction Corporation
(32) Priority Date	:29/03/2010	Address of Applicant :401 Charcot Avenue San Jose
(33) Name of priority country	:U.S.A.	California 95131 U.S.A.
(86) International Application No	:PCT/US2010/061635	(72)Name of Inventor :
Filing Date	:21/12/2010	1)JONES Rebecca Elizabeth
(87) International Publication No	:WO/2011/123164	2)YUEN Homan Bernard
(61) Patent of Addition to Application	:NA	3)LIU Ting
Number	:NA :NA	4)MISRA Pranob
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

(54) Title of the invention : LATTICE MATCHABLE ALLOY FOR SOLAR CELLS

(57) Abstract :

An alloy composition for a sub-cell of a solar cell is provided that has a bandgap of at least 0.9 eV namely Ga1-xInxNyAs1-y-zSbz with a low antimony Sb) content and with enhanced indium (In) content and enhanced nitrogen (N) content achieving substantial lattice matching to GaAs and Ge substrates and providing both high short circuit currents and high open circuit voltages in GaInNAsSb subcells for multijunction solar cells.

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

(19) INDIA

(22) Date of filing of Application :09/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : REFERENCE	SIGNAL PATTERNS	
 (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 	:H04L5/00 :61/350,448 :01/06/2010 :U.S.A. :PCT/US2011/038822 :01/06/2011 :WO/2011/153286	 (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)BHATTAD Kapil
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)CHEN Wanshi 3)MONTOJO Juan 4)GAAL Peter 5)DAMNJANOVIC Aleksandar

(57) Abstract :

Certain aspects of the present disclosure provide techniques for allocating resources for use in transmitting reference signals (RSs). According to certain aspects a large set of enumerated possible CSI-RS resources (CSI-RS patterns) may be defined and a base station may select a CSI-RS pattern from a subset of the available patterns with the subset determined by a transmission configuration.

No. of Pages : 48 No. of Claims : 52

(22) Date of filing of Application :09/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : HIGH SENSITIVITY SATELLITE POSITIONING SYSTEM RECEIVER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:12/779,755 :13/05/2010 :U.S.A. :PCT/US2011/036506 :13/05/2011	 (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)SHAH Mayur N. 2)RILEY Wyatt Thomas 3)FARMER Dominic Gerard
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

An attenuated satellite positioning system (SPS) signal is acquired using long integration over multiple navigation data bits. To produce a stable internal clock signal to perform the long integration an external clock signal is received from a highly stable source such as a wireless communication base station or a nearby femtocell. An internal oscillator is driven at a desired frequency that is aligned with the scaled frequency of the external clock signal to produce the stable internal clock signal. The SPS signal is received and integrated for an external clock signal. Predicted SPS data may be received from an external source and used to perform coherent integration. Alternatively ...

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

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROL AND DATA MULTIPLEXING IN WIRELESS COMMUNICATION

 (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 	:H04L5/00 :61/330,852 :03/05/2010 :U.S.A. :PCT/US2011/035028 :03/05/2011 :WO/2011/140109 :NA :NA :NA	 (71)Name of Applicant : 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 : LUO Xiliang LUO Tao XU Hao CHEN Wanshi ZHANG Xiaoxia GAAL Peter MONTOJO Juan
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(57) Abstract :

A method of wireless communication includes determining a number of symbols for uplink control information (UCI) on each of a plurality of layers multiplexing symbols for the UCI with data on multiple layers such that the symbols are time aligned across the layers and sending the multiplexed symbols on the multiple layers on uplink. In some designs the number of symbols for the UCI may be determined based on a spectral resource parameter.

No. of Pages : 48 No. of Claims : 58

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : ASENAPINE MALEATE		
 (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 	:C07D491/044,A61K31/407 :1695/CHE/2010 :18/06/2010 :India :PCT/US2011/040710 :16/06/2011 :WO/2011/159903 ⁿⁿ :NA :NA :NA	 (71)Name of Applicant : 1)Dr. Reddys Laboratories Limited Address of Applicant :8-2-337 Road No. 3 Banjara hills Hyderabad Andhra Pradesh India- 500034 Andhra Pradesh India 2)Dr. Reddy™s Laboratories Inc. (72)Name of Inventor : 1)Katkam Srinivas 2)Polavarapu Srinivas 3)Yaddanapudi Venkata Madhavi 4)Vinigari Krishna 5)Pagadala Narasimha Rao 6)Sagyam Rajeshwar Reddy

(57) Abstract :

Aspects of the present application relate to a microcrystalline monoclinic form of asenapine maleate represented by structural Formula I; processes for its preparation; and pharmaceutically acceptable dosage forms thereof.

No. of Pages : 57 No. of Claims : 12

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : EXTENDING IMAGE INFORMATION		
 (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 	:A61B1/100,A61B1/06,A61B1/32 :10160529.3 :21/04/2010 :EPO :PCT/IB2011/051545 :11/04/2011 :WO/2011/132109 :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)HENDRIKS Bernardus Hendrikus Wilhelmus 2)LUCASSEN Gerhardus Wilhelmus 3)NACHABE Rami 4)MIHAJLOVIC Nenad 5)DESJARDINS Adrien Emmanuel 6)HORIKX Jeroen Jan Lamertus 7)VAN DER VOORT Marjolein

(57) Abstract :

The present invention relates to a system for extending microscopy information where the microscopy information is image information from a first region (118) of an associated sample the first region being imaged with an imaging system. The extension of the microscopy information originates from probing a larger second region (116) by photons which are emitted at an exit position (128) and collected at en entry position (130). The exit position and the entry position are spatially separated so that so that average spectral information of photons emitted from the exit position and collected at the entry position is dependent on the second region (116) being larger than the first region (118).

No. of Pages : 23 No. of Claims : 15

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : COMPONENT COMPRISING AN INSERT PART AND PLASTICS JACKETING AND PROCESS FOR THE PRODUCTION THEREOF

 (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 	ⁿ :PCT/EP2011/057176 :05/05/2011 ⁿ :WO 2011/138384 :NA :NA	 (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)VON BENTEN Rebekka 2)TALEBLOO Alireza 3)KR-GER Harald 4)EIBECK Peter
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(57) Abstract :

The invention relates to a component comprising an insert part and plastics jacketing composed of at least two plastics components wherein the insert part is enclosed by a first plastics component A1 or a first plastics component A2 and the first plastics component A1 or the first plastics component A2 is enclosed by a second plastics component B wherein the second plastics component B is composed of B1: 10 to 99.99% by weight of at least one thermoplastic polyester B2: 0.01 to 50% by weight of B21: at least one highly branched or hyperbranched polycarbonate with an OH number of 1 to 600 mg KOH/g of polycarbonate (according to DIN 53249 Part 2) or B22: at least one highly branched or hyperbranched polyester of the type AB where x is at least 1.1 and y is at least 2.1 or mixtures thereof.

No. of Pages : 88 No. of Claims : 13

(21) Application No.9918/CHENP/2012 A

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 02/01/2015

(51) International allocation	.0185/14	(71)Nome of Applicant :
(51) International classification	:G01S5/14	(71)Name of Applicant :
(31) Priority Document No	:61/348,460	1)QUALCOMM INCORPORATED
(32) Priority Date	:26/05/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2010/061928	United States of America
Filing Date	:22/12/2010	(72)Name of Inventor :
(87) International Publication No	:WO/2011/149496	1)EKBAL Amal
(61) Patent of Addition to Application	:NA	2)JULIAN David Jonathan
Number		3)BUDIANU Petru Cristian
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TWO-WAY RANGING MESSAGING SCHEME

(57) Abstract :

In a two-way ranging scheme where a first apparatus (e.g. device) determines a distance to a second apparatus (e.g. device) specified packets are sent between these apparatuses at specified times to facilitate the determination of the distance. In some aspects these packets may be defined and/or sent in a manner that enables the apparatuses to detect a leading edge of a received packet with a high degree of accuracy. For example an apparatus may transmit a packet a defined period of time after transmitting or receiving another packet. In addition a packet may comprise a defined symbol sequence that is used by an apparatus that receives the packet to identify a leading edge of the packet.

No. of Pages : 60 No. of Claims : 40

(21) Application No.8748/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 02/01/2015

(54) Title of the invention : EFFICIENT C	IRCADIAN AND RELA	ATED SYSTEM MODULATION WITH A SLEEP MASK
	A (1) 17 /07	
(51) International classification	:A61N5/06	(71)Name of Applicant :
(31) Priority Document No	:61/334616	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:14/05/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051786	(72)Name of Inventor :
Filing Date	:25/04/2011	1)COLBAUGH Michael Edward
(87) International Publication No	:WO/2011/141840	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Light therapy is provided to a subject through a sleep mask. The sleep mask is configured to deliver electromagnetic radiation to the closed eyelids of the subject within a defined optimal wavelength band that is therapeutically impactful in modulating circadian and related systems of the subject.

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

(19) INDIA

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

(54) Title of the invention : ADAPTIVE CIRCUIT		
 (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 	:H05B33/08,H02M3/07 :201010176180.0 :14/05/2010 :China :PCT/IB2011/051992 :05/05/2011 :WO/2011/141856 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS (72)Name of Inventor : 1)RADERMACHER Harald

(57) Abstract :

The invention describes an adaptive circuit (1 1) for driving a lower-voltage DC load (2) from a rectified higher-voltage AC supply(3) which adaptive circuit (1 1) comprises a charge-storage circuit (21 21) which charge storage circuit (21 21) comprises a first capacitor (C1) and a second capacitor (C2) connected essentially in series wherein the second capacitor (C2) is connected at least in parallel with the load (2); and an active switch (22 22) realised as a controlled current source (22 22) for controlling a load current (I load) through the load (2) such that in a closed switch state load current (I load) is drawn essentially from the first capacitor (C1) of the charge-storage circuit (21 21) and during an open switch state load current (I load) is drawn essentially from the second capacitor (C2).

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

(19) INDIA

(22) Date of filing of Application :31/10/2012

(43) Publication Date : 02/01/2015

(51) International classification	:A61H33/12	(71)Name of Applicant :
(31) Priority Document No	:201010187530.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:25/05/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:China	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/052238	(72)Name of Inventor :
Filing Date	:23/05/2011	1)CHEN Xin
(87) International Publication No	:WO/2011/148308	2)SPRENGERS Bjorn
(61) Patent of Addition to Application	:NA	3)HA Wan Kei Ricky
Number		4)TU Jiawen
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Albertra et :		

(54) Title of the invention : DEVICE FOR DELIVERING MIST TO THE HUMAN FACE

(57) Abstract :

A device (1) for delivering mist to the human face is capable of targeting different kinds of mist to different zones of the human face. To this end the device (1) comprises different nozzle sets wherein each of the different nozzle sets serves for letting out a different kind of mist and wherein each of the different nozzle sets is positioned in a zone (7 10) of the device (1) corresponding to a zone of the human face to be treated by means of the mist delivered by the nozzle set concerned during operation of the device (1). By having an appropriate number and positioning of the nozzles (2 3 4 5) facial zones can be treated separately wherein it is possible to realize optimal skin treatment per facial zone.

No. of Pages : 18 No. of Claims : 8

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : MAGNETIC REFREGERATION SYSTEMS USING RATE EARTH NANO ELEMENTS DOPED MATERIALS UNDER DIFFERENT ELECTRIC AND MAGNETIC FIELDS

(51) International classification	:H01F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant : PLOT NO: 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500037 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention, Gadalenium type of rare earth metals doped materials are placed under super magnetic fields to achieve maximum magiletocalorfic effect for refrigeration without consuming electricity. Under different electric and magnetic fields, various types of rare earth metals will be doped into different nano materials to achieve various levels of refrigeration. In this method many sub level chemical reactions, cryogenic engines can be easily produced.

No. of Pages : 7 No. of Claims : 6

(21) Application No.9502/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 02/01/2015

(51) International classification	:H01Q15/16,H01Q1/12	(71)Name of Applicant :
(31) Priority Document No	:12/789,446	1)ANDREW LLC
(32) Priority Date	:27/05/2010	Address of Applicant :1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	North Carolina 28602 United States of America
(86) International Application No	:PCT/IB2010/055581	(72)Name of Inventor :
Filing Date	:03/12/2010	1)LEWRY Matthew
(87) International Publication No	:wo/2011/148236	2)SIMMS Stephen
(61) Patent of Addition to Application	:NA	3)BELL Steven
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : SEGMENTED ANTENNA REFLECTOR WITH SHIELD

(57) Abstract :

An antenna reflector includes a central segment with a peripheral coupling portion and a plurality of peripheral segments each provided with a reflector portion and a shield portion. A proximal portion of each shield portion is dimensioned to couple with the peripheral coupling portion a reflector portion edge of each peripheral segment is dimensioned to couple with adjacent reflector portion edges and a shield portion edge of each peripheral segment is dimensioned to couple with adjacent reflector portion edges. The central segment and the reflector portion of the peripheral segments together form a reflector dish. The shield portions together provide a circumferential shield extending from a periphery of the reflector dish along an antenna boresight of the reflector dish.

No. of Pages : 27 No. of Claims : 20

(21) Application No.9503/CHENP/2012 A

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : INDUCTION HEAT TREATMENT OF AN ANNULAR WORKPIECE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Netriling Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	o:PCT/US2011/032287 :13/04/2011	 (71)Name of Applicant : 1)INDUCTOHEAT INC. Address of Applicant :32251 North Avis Drive Madison Heights Michigan 48071 United States of America (72)Name of Inventor : 1)DOYON Gary A. 2)ANDR,, Frank 3)BROWN Douglas R. 4)LOVELESS Don L. 5)RUDNEV Valery I.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Apparatus and method are provided for inductively heat treating a circular surface of annular workpieces where at least one inductor pair is used to perform a scan induction heat treatment of the circular surface. Controlled movement of the inductors and application of quenchant is provided particularly at the initial and final heat treatment locations on the circular surface to enhance metallurgical uniformity of the annular workpiece at these locations. In combination with controlled movement of the inductors a simultaneous power frequency control scheme can be applied to the inductors during the heat treatment process.

No. of Pages : 42 No. of Claims : 25

(22) Date of filing of Application :26/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : ADJUSTMENT OF UPLINK POWER CONTROL MODE IN ADVANCED TELECOMMUNICATION NETWORKS

 (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 	:H04W52/42 :13/101,966 :05/05/2011 :U.S.A. :PCT/US2011/035626 :06/05/2011 :WO/2011/140505 :NA :NA :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)WANSHI CHEN 2)TAO LUO 3)JUAN MONTOJO 4)PETER GAAL
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(57) Abstract :

A method of adjusting the modulation and coding scheme for uplink channel power control in advanced telecommunication networks includes receiving an indication of a power adjustment mode for an uplink multiple - input multiple - output (MIMO) transmission (610). The power of the uplink MIMO transmission is adjusted according to the received power adjustment mode (612).

No. of Pages : 32 No. of Claims : 26

(21) Application No.8283/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 02/01/2015

(51) International classification	:A61N1/34	(71)Name of Applicant :
(31) Priority Document No	:10161437.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:29/04/2010	Address of Applicant : GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/051753	(72)Name of Inventor :
Filing Date	:21/04/2011	1)KOLEN Alexander Franciscus
(87) International Publication No	:WO 2011/135498	2)PUSZKA Agathe
(61) Patent of Addition to Application	:NA	3)WAGEMAKERS Femke
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		1

(54) Title of the invention : TRANSCUTANEOUS ELECTRO-STIMULATION DEVICE

(57) Abstract :

A transcutaneous electro - stimulation device comprising a matrix of stimulation electrodes (11) and a electronic circuit. The stimulation electrodes (11) are distributed on an electrode pad (10) and is configured to be applied to a skin area of a human or animal body. The skin area covered by the matrix comprises multiple stimulation responsive surface areas. The electronic circuit is coupled to the stimulation electrodes (11) and is configured to apply a stimulation signal to at least one of the stimulation electrodes (11) in order to stimulate one of the stimulation responsive surface areas. The arrangement of the stimulation electrodes (11) in the matrix is such that a distance between adjacent stimulation electrodes (11) in the matrix is smaller than 20 mm.

No. of Pages : 17 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :05/11/2012

(43) Publication Date : 02/01/2015

(54) Title of the invention : SOLVENT COMPOSITIONS (51) International classification :C11D1/00,C11D1/52,C11D1/835 (71)Name of Applicant : (31) Priority Document No :10004307 **1)COGNIS IP MANAGEMENT GMBH** (32) Priority Date :22/04/2011 Address of Applicant :Henkelstrasse 67 40589 D1/4sseldorf :EPO (33) Name of priority country Germany (86) International Application (72)Name of Inventor : :PCT/EP2011/001096 **1)HAILU Alefesh** No :05/03/2011 Filing Date 2)ANDERSON Timothy (87) International Publication :wo/2011/131272 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Solvent compositions Suggested are solvent compositions comprising (a) Carboxylic acid dialkyl amides (b) Fatty acids or their salts and (c) Ethylene oxide-propylene oxide copolymers.

No. of Pages : 13 No. of Claims : 15

(21) Application No.9969/CHENP/2012 A

(19) INDIA(22) Date of filing of Application :27/11/2012

(43) Publication Date : 02/01/2015

 (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 	:61/333,059 :10/05/2010 :U.S.A. :PCT/US2011/035971 :10/05/2011 :WO/2011/143252 :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)TAO LUO 2)WANSHI CHEN 3)JUAN MONTOJO 4)PETER GAAL
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(54) Title of the invention : POWER CONTROL WITH CROSS-SUBFRAME ASSIGNMENT

(57) Abstract :

A method includes receiving a cross-subframe assignment in a first subframe, targeting a second subframe in which a transmission power control (TPC) command is to be applied. The method may also include adjusting transmit power in accordance with the TPC command during a third subframe, a predefined number of subframes after the first subframe. Another method includes receiving a cross-subframe assignment in a first subframe. The cross-subframe assignment targets a second subframe in which a first TPC command is to be applied. The method may also include receiving a nominal grant in the first subframe that targets an identified subframe to which a second TPC command is to be applied. The method may also include race adjusting the transmit power according to the first TPC command, the second TPC command or a function of the first TPC command and the second TPC command during the second subframe or the identified subframe.

No. of Pages : 33 No. of Claims : 18

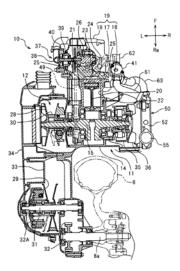
(19) INDIA

(22) Date of filing of Application :17/10/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SADDL E-TYPE VEHICLE.			
(51) International classification	:F01P 7/00	(71)Name of Applicant :	
(31) Priority Document No	:2013- 136410	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA Address of Applicant :2500 SHINGAI, IWATA-	
(32) Priority Date	:28/06/2013	SHI,SHIZUOKA-KEN,438-8501,JAPAN.	
(33) Name of priority country	:Japan	(72)Name of Inventor :	
(86) International Application No	:NA	1)YASUSHI MATSUSHITA	
Filing Date	:NA		
(87) 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 saddle-type vehicle includes a radiator located to the right of a crankcase of an internal combustion engine, a thermostat having a first port connected to an exit of a cooling liquid path of the internal combustion engine, a first liquid pipe for connecting a third port of the thermostat and a top tank of the radiator to each other, a second liquid pipe for connecting a second port of the thermostat and a pump to each other, and a third liquid pipe for connecting a bottom tank of the radiator and a fourth port of the thermostat to each other. A top end of an inner space of the thermostat is located at a position lower than a top end of an inner space of the pump.



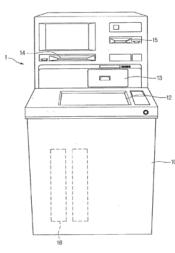
No. of Pages : 48 No. of Claims : 14

(19) INDIA(22) Date of filing of Application :26/06/2014

(54) Title of the invention : MEDIUM PROCESSING APPARATUS AND METHOD AND FINANCIAL DEVICE

(51) International classification(31) Priority Document No(32) Priority Date		 (71)Name of Applicant : 1)LG CNS CO.,LTD. Address of Applicant :24,YEOUI- DAERO,YEONGDEUNGPO-GU, SEOUL,150-881, REPUBLIC OF KOREA. (71)Name of Inventor i
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor : 1)LEE JUNGIN
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 medium processing apparatus is provided. The medium processing apparatus comprises a medium depositing and withdrawing unit through which a medium is deposited or withdrawn, a detection unit to acquire an image of the medium, a memory in which reference information, for determining whether the medium is rejected, is stored, and a control unit to extract a portion of information from the acquired image to compare the extracted information with the reference information stored in the memory.



No. of Pages : 31 No. of Claims : 20

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF A SACCHARYFYING ACID-STABLE DIGESTIVE AMYLASE FROM THE MEDICINAL PLANT, PAEDERIA FOETIDA

(51) International classification	:A23L 1/00	(71)Name of Applicant : 1)MUKHERJEE ABHISHEK
(31) Priority Document No	:NA	Address of Applicant : DEPARTMENT OF MOLECULAR
(32) Priority Date	:NA	BIOLOGY & BIOTECHNOLOGY, UNIVERSITY OF
(33) Name of priority country	:NA	KALYANI, KALYANI-741235 WEST BENGAL.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MUKHERJEE ABHISHEK
(87) 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 :Paederia foetida is a well known medicinal plant native to India, Bangladesh, Bhutan, Nepal and other south East Asian countries. In India, the shrub is usually found in Himalayas from Dehradun eastwards upto an altitude of 1800 m and also in Assam, Bihar, Orissa, and Bengal. Paederia foetida has been used by various Indian ethnic tribes as food and medicine. Most of its therapeutic properties relate to the gastrointestinal system and suggest its potential utility for gastrointestinal ailments. We report the presence of an acid stable saccharifying amylase in the stems of Paederia foetida, capable of hydrolyzing gelatinized cereal and tuber starch. The plant yielded 450-550 Units of enzyme (amylase) / gm of fresh green stem. The enzyme was stable in the pH range of 3- 8.0 and retained about 80- 85 % of its original activity when incubated in a buffer of pH 3.0 for 3 h at 37 °C. The enzyme displayed optimal activity at pH 4.5 and at a temperature of 45-50 °C. The crude enzyme did not require Ca2+ for enhancing its activity and stability. The acid stable amylase readily hydrolyzed soluble starch, amylopectin, gelatinized cereal flours and tuber starch into maltose and maltodextrins giving a DP (Degree of Polymerization) in the range of 2.8-3.3. The present invention provides a process for the preparation of acid stable saccharifying amylase useful for treatment of indigestion and industrial starch saccharification, which includes blending cut pieces of Paederia foetida stem in an aqueous medium at a pH of 4.0 - 7.0 and a temperature between 0-50 °C, separating the aqueous phase by a known process of filtration, and finally concentrating the extract by a known process of enzyme concentration (ultra- filtration and lyophilization).

No. of Pages : 20 No. of Claims : 8

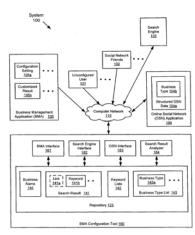
(22) Date of filing of Application :01/07/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : IDENTIFYING BUSINESS TYPE USING PUBLIC INFORMATION

	·G060	(71)Name of Applicant :
(51) International classification	10/00	1)INTUIT INC.
(31) Priority Document No	:NA	Address of Applicant :2632 MARINE WAY MOUNTAIN
(32) Priority Date	:NA	VIEW, CALIFORNIA 94043 UNITED STATES OF AMERICA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SAIMANI, JAYANTH
Filing Date	:NA	2)VERMA, ANSHU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :A method for configuring a business management application (BMA) for managing financial aspects of a business entity. The method incudes obtaining a business name of an unconfigured user of the BMA, wherein the unconfigured user is associated with the business entity, retrieving, by a computer processor, a search result from an Internet search engine using the business name as a search keyword, analyzing, by the computer processor, the search result to identify a business type of the unconfigured user, and generating, by the computer processor, a configuration setting of the BMA based on the business type, wherein the configuration setting is used by the BMA to generate a customized result specific to the business type.



No. of Pages : 38 No. of Claims : 21

(19) INDIA(22) Date of filing of Application :26/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A POLYIMIDE FILLED EPDM NANOCOMPOSITE.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C08G73/00 :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, Address of Applicant :KHARAGPUR-721302, WEST BENGAL, INDIA. (72)Name of Inventor : 1)SANGITA SINGH
(87) International Publication No	: NA	2)NIKHIL K. SINGHA
(61) Patent of Addition to Application Number	:NA	3)TAPAN KUMAR CHAKI
Filing Date	:NA	4)PRASANTA KUMAR GUCHHAIT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract : This invention relates to polyimide filled EPDM nanocomposite comprising modified EPDM, polyimide and nanosilica.

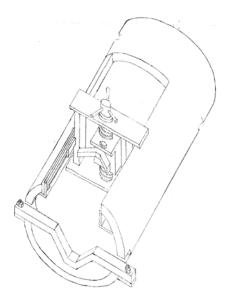
No. of Pages : 18 No. of Claims : 14

(22) Date of filing of Application :25/06/2013

(54) Title of the invention : A METHOD OF EDGE PREPARATION OF HIGH THICKNESS (CARBON AND LOW ALLOY STEELS) PIPES FOR FABRICATION OF ELBOWS DISPOSED IN HIGH PRESSURE STEAM GENERATORS

(51) International classification	:C22C	,
(51) International classification	38/00	Address of Applicant :REGION CAL OPERATIONS
(31) Priority Document No	:NA	DIVISION(ROD) PLOT NO.9/1, DJ BLOCK 3RD FLOOR
(32) Priority Date	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091
(33) Name of priority country	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(86) International Application No	:NA	FORT, NEW DELHI - 110049, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AMIRTHAM ANTONY ADIMAI
(61) Patent of Addition to Application Number	:NA	2)CHINNAKARUPPAN VELAYUTHAM
Filing Date	:NA	3)PATTAN PI NARAYANAN
(62) Divisional to Application Number	:NA	4)KANNIYAPPAN KALANITHI
Filing Date	:NA	5)RENGARAJU REGUPATHY
-		6)GENGAN MOHAN

(57) Abstract :The invention relates to a method of profile machining of high thickness pipe material to fabricate elbows used in high pressure steam generators, the method comprising the steps of placing the elbow between top and bottom V blocks and positioning with top clamp screw and 45 deg angular bottom clamp screw. The movement on the horizontal direction was arrested with top clamp box nut unit. The vertical direction movement was arrested with 45 deg Angular box nut unit. The edge preparation is carried out on one end of the elbow in the above position and the operation is repeated to machine on the other side of the elbow to complete the operation. The profile thus made is ready for welding. The positioning distance is determined according to the outside diameter of the elbow to be machined which is varying from 219mm to 558 mm.



No. of Pages : 10 No. of Claims : 3

(19) INDIA

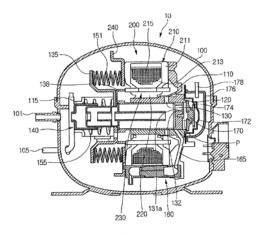
(22) Date of filing of Application :23/06/2014

(43) Publication Date : 02/01/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F04B 35/00 :10-2013- 0075514 :28/06/2013 :Republic of Korea :NA	 (71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :128,YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL,150-721, REPUBLIC OF KOREA. (72)Name of Inventor : 1)KYOUNGSEOK KANG 2)WONHYUN JUNG
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	3)CHULGI ROH
(61) Faterior Addition to Application Number(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	

(54) Title of the invention : LINEAR COMPRESSOR

(57) Abstract : A linear compressor is provided that may include a shell including a refrigerant inlet, an outer stator provided in the shell and including a coil, an inner stator disposed to be spaced apart from the outer stator, a permanent magnet disposed to be movable between the outer stator and the inner stator, a cylinder including a compression space, in which a refrigerant sucked in through refrigerant inlet may be compressed, a piston coupled to the permanent magnet so as to be reciprocated in the cylinder, a first surface area provided on the piston and having a first hardness value, and a second surface area providedon the cylinder and having a second hardness value, such that a difference value between the first and second hardness values is more than a preset value.



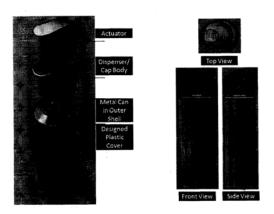
No. of Pages : 36 No. of Claims : 24

(22) Date of filing of Application :26/06/2013

(54) Title of the invention : AN IMPROVED AEROSOL PACK IN HIDDEN CAN

 (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 	83/00 :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)EMAMI LIMITED Address of Applicant :687,ANANDAPUR, EM BY PASS, KOLKATA 700107,WEST BENGAL, INDIA. (72)Name of Inventor : 1)MANAS KUMAR BHUNIA 2)SAURABH SUNDAR SAHU
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
5		1

(57) Abstract :The invention relates to a aerosol deodorant pack with designed plastic cover on it to provide different outer shape to the pack, the size and shape of the pack which is visible to the consumer does not depend on metal can size and shape which is always in round shape, the conventional aerosol deodorant pack is in round shape and with different dispensing mechanism: to give different aesthetic look to the pack, it was designed in such a way that different structures and shape is possible on it, metal can which is filled with aerosol product is in hidden parts to give consumer a different taste of pack visibility.



No. of Pages : 12 No. of Claims : 6

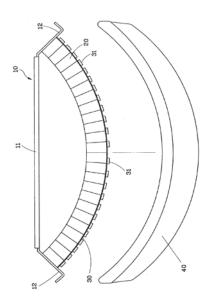
(19) INDIA

(22) Date of filing of Application :08/10/2013

(54) Title of the invention : ARC LED LAMP

(51) International classification	:H05B	(71)Name of Applicant :
(31) International classification	33/00	1)YEH, CHAO-CHIN
(31) Priority Document No	:13/932,722	Address of Applicant :NO. 34, LN. 443, SEC. 1,
(32) Priority Date	:01/07/2013	DOUZHONG RD., TIANZHONG TOWNSHIP, CHANGHUA
(33) Name of priority country	:U.S.A.	COUNTY TAIWAN, R.O.C.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YEH, CHAO-CHIN
(87) 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 arc LED includes a lamp holder, an arc radiation fin unit mounted at the lamp holder, a circuit board mounted at the arc radiation fin unit and carrying a plurality of LEDs that are mounted in two opposing end areas of the circuit board in a relatively higher density and in the middle area of the circuit board in a relatively lower density, and an arc lampshade covered over the lamp holder.



No. of Pages : 12 No. of Claims : 7

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF DEXTRAN, AMYLOPECTIN AND GLYCOGEN ENDO HYDROLASE ENZYME COMPOSITION FROM THE PLANT TINOSPORA CORDIFOLIA

(51) International classification	:C12N 9/00	(71)Name of Applicant : 1)SENGUPTA SUBHABRATA
(31) Priority Document No	:NA	Address of Applicant :HERITAGE INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY, CHOWBAGA ROAD, ANANDAPUR, P.O:
(33) Name of priority country	:NA	EAST KOLKATA TOWNSHIP, KOLKATA 700107 WEST
(86) International Application No	:NA	BENGAL, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SENGUPTA SUBHABRATA
(61) Patent of Addition to Application Number	:NA	2)MUKHERJEE ABHISHEK
Filing Date	:NA	3)SENGUPTA SUBHASREE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :The present invention relates to a process for the production of dextran, amylopectin and glycogen hydrolyzing enzyme composition from the plant Tinospora cordifolia, capable of endo-degrading dextran, amylopectin and glycogen. Tinospora cordifolia [Miers ex Hook. & Thoms], is a large, glabrous, deciduous climbing shrub (family Meninspermaceae). It is a traditional medicinal plant known by different names like Giloy, Guruchi, Amrita, Amritballi, Gulancha, Tippatigi, Sindi, Guthabael, Golo etc. in different regions of India. It grows throughout the tropical India, Maynamar, and Srilanka, producing huge biomass throughout the year without the requirement of any special soil and agro conditions. The plant is completely non-toxic and is used neither as a food nor fodder. The stem-bark contains (U/100 g of fresh tissue) 10000 ± 1000 , 40000 ± 2000 , and 22000 ± 2000 of dextran hydrolyzing, amylopectin hydrolyzing and glycogen hydrolyzing activities respectively. The enzyme composition is stable and active in the pH range of 3.5 - 7.5, being optimally active at pH 6.0 The enzyme composition is stable at the temperature range of 0 - 55 °C, being optimally active at 60 °C. The enzyme composition is also capable of degrading sephadex G50, sepahdex G75, sephadex G100 and gum arabic. The enzyme composition is capable of endo-hydrolyzing dextran, amylopectin and glycogen as evident by gel-filtration chromatography analysis and TLC of the enzyme-digested sample. The process for enzyme extraction from Tinospora cordifolia comprised of: blending chopped stem pieces in a liquid medium at pH of 4.5 to 6.0 and at a temperature between 0-50 °C, separating the aqueous phase by a known process of filtration, concentrating the enzyme solution by ultra-filtration, precipitating the enzyme protein from the concentrate using four volumes of ethyl alcohol, dissolving the precipitate in buffer, followed by incubating the enzyme solution at 55 °C for 3 hours and finally lyophilizing the heat treated solution to obtain dry enzyme powder. The lyophilized powder contained 22,500 \pm 1,500 Units of dextranse activity/g of dry solid. The enzyme composition containing dextran hydrolyzing activity can effectively be used as food enzyme for use in food processing, particularly in sugar mill for the improvement of yield and quality of cane sugar.

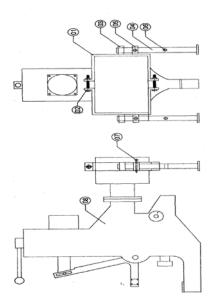
No. of Pages : 21 No. of Claims : 7

(22) Date of filing of Application :26/06/2013

(54) Title of the invention : A BUILT-IN DEVICE FOR A PORTABLE END CHAMFERING MACHINE TO PREPARE THE WELDING EDGES OF TUBULAR PRODUCTS TRANSFERRING SATURATED STEAM IN POWER PLANTS.

 (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 	:F16M 11/00 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED. Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA. (72)Name of Inventor : 1)ANBU NAGAPPAN 2)SEKAR DINESH 3)ARIVAZHAGAN THIYAGARAJAN 4)PALANIAPPAN RAMANATHAN 5)PANDIAN CHELLAPANDIAN
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(57) Abstract :The invention relates to a built-in device for a portable end chamfering machine to prepare the welding edges of tubular products transferring saturated steam in power plants, the device comprising a plurality of clamping jaws (01) having at least two legs (04) and vertically movable in opposite directions; a plurality of fasteners (02) for clamping the jaws (01), the jaws being disposed, on both sides of a machine block, a plurality of guides (03) provided for positioning the machine block (08) in the upward and downward direction only.



No. of Pages : 7 No. of Claims : 4

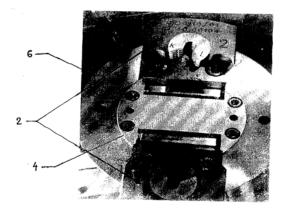
(22) Date of filing of Application :26/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN IMPROVED CLAMPING SYSTEM IN WORKPIECE HOLDING ADAPTER OF A DOUBLE SPINDLE 5 AXIS MACHINES FOR REDUCING THE CLAMPING ALLOWANCE OF BLANKS OF TURBINE BLADES.

(51) International classification	:B23B 31/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED.
(31) Priority Document No	:NA	Address of Applicant : REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NEETU KUMAR SINGLA
Filing Date	:NA	2)SANTANU KUMAR BHOWMIK
(62) Divisional to Application Number	:NA	3)SANJAY KUMAR SETH
Filing Date	:NA	

(57) Abstract :A workpiece adapter (6) is provided on a double spindle 5 axis machine to reduce the clamping allowance of blanks of turbine blades when a locating centre pad (4) is bolted on the adapter (6). A tapered locating pin (5) is disposed in the tapered hole of the locating pad (4) to locate the blank and to restrict the movement of the blank along clamping pads (3). The clamping pads have 10 mm projected portion and are fixed on the adapter (6) and hold the blank width wise to provide rigidity of the clamping. The pads (3) are knurled for better gripping.



No. of Pages : 15 No. of Claims : 4

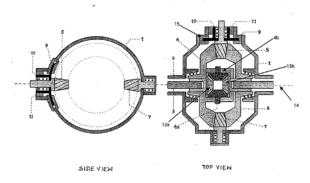
(22) Date of filing of Application :27/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN IMPROVED DIFFERENTIAL ASSEMBLY WITH TOW CROWN-WHEELS AND TWO HYPOID PINIONS TRANSFERRING POWER TOGETHER

(51) International classification	:F16H48/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. RAJENDRA SINGH
(32) Priority Date	:NA	Address of Applicant : OPP. RAJ BHAVAN, CIVIL LINE,
(33) Name of priority country	:NA	RAIPUR (CHHATTISGARH), INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. RAJENDRA SINGH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract : The invention relates to an improved differential assembly with two crown-wheels and two hypoid pinions transferring power together and the method of transferring. The said assembly comprising a housing (1), a main crown wheel (6), a pinion (5) for imparting power to crown (6), a plurality of star gear (4a,4b), a plurality of differential pinion (13a,13b), a pair of Axle Shaft (2) and an auxiliary crown (8) attached to a pinion (7) disposed in the assembly for receiving additional power from pinion (5). A tubular shaft holders (10) fixed in the center of a curved 'C' Shaped plate (9) and is capable to slide upwards/downwards inside a bracket (15), the said bracket is being pivoted on the housing (1) through its arms and movable on its rotational path and holding the shaft of the main pinion (5) when the slider plate having an integral pinion holder (10) housed in a rubber bush (11) is disposed around the holder for preventing oil leakage giving freedom to the shaft for making the main pinion (5) free from the housing (1) and become incapable to exert any force on the housing (1). The plate (9) is disposed to free the pinion (5) in the direction X having a gap (12) created in it wherein the rotation of pinion (5) is for the rotation of both crown wheels (6,8) and for transferring the power to crown (6) directly making the crown wheel (8) rotates in opposite direction making the pinion (7) rotates which in turn makes the crown wheel (6) rotates which receives power from both the pinion (5,7) transferring this double power to star/ differential gear 4a and 4b and transferring the power to wheels through differential pinion 13a and 13b.



No. of Pages :18 No. of Claims : 2

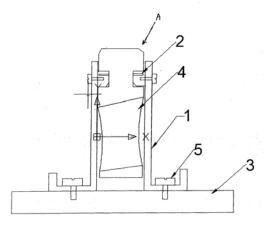
(22) Date of filing of Application :27/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A DEVICE FOR CLAMPING OF STEAM TURBINE BLADES T4/TX TYPE TO UNDERTAKE CHAMFERING OPERATION IN SINGLE SETTING

 (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 	:B23C 3/00 :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR, KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA. (72)Name of Inventor :
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	1)BHASKAR UNIYAL 2)VIJAY KUMAR CHUGH

(57) Abstract :A device (A) for clamping of steam Turbine blades T4/Tx type to undertake chamfering operation in single setting comprising: a machine table (03); a plurality of clamping stand (01) erected vertically on the base (03) by clamping screw(05); a plurality of wedge plates (02) having slit in it are fixed on vertical clamps (01) by screws (05); angle plates (06) are clamped on the Machine table which give rigidity and support to the blades. characterized in that the turbine blades are placed in vertical position when the wedge plate fits into the blade slot gripping the blades tightly and firmly due to spring action of the wedges, where the chamfer provided on the outer side of wedge allows the wedge to move with slide fit into the blade slot.



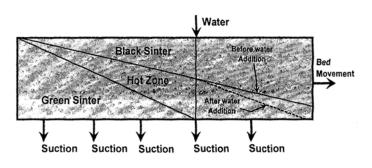
No. of Pages : 11 No. of Claims : 5

(22) Date of filing of Application :27/06/2013

(54) Title of the invention : SINTER BED HUMIDIFICATION SYSTEM AND PROCESS THEREFOR.

(51) International classification	1/00	(71)Name of Applicant : 1)STEEL AUTHORITY OF INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(32) Priority Date		CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)CHOWDHURY GOLAP MOHAMMAD
Filing Date	:NA	2)KUMAR SANDEEP
(87) International Publication No	: NA	3)SUBRAMANIAN ALIAS BALAJI
(61) Patent of Addition to Application Number	:NA	4)VERMA AMRESH KUMAR
Filing Date	:NA	5)VENKAT RAO DESHMUKH
(62) Divisional to Application Number	:NA	6)JOSHI HEMANT KUMAR
Filing Date	:NA	7)SETHI SANJAYA KUMAR

(57) Abstract :The present invention relates to humidification of iron ore sinter bed using cold fog and the process therefor which would enable faster sintering speed and increase in productivity of the sintering machine, importantly, the process of sintering and the system provided is adapted to increase the burn through point temperature and also thereby improve the productivity of sintering machines.



No. of Pages : 17 No. of Claims : 10

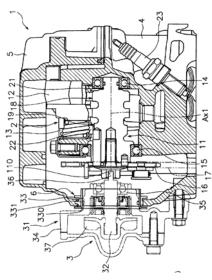
(19) INDIA

(22) Date of filing of Application :24/09/2013

(54) Title of the invention : ENGINE.

(51) International classification	:F01L 1/00	(71)Name of Applicant :
	:2013-	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
(31) Priority Document No	136580	Address of Applicant :2500 SHINGAI,IWATA-SHI,
(32) Priority Date		SHIZUOKA, 4388501, JAPAN.
(33) Name of priority country(86) International Application No	:Japan :NA	(72)Name of Inventor : 1)KAICHI IIDA
Filing Date	:NA :NA	
(87) 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 end portion of the cylinder head includes a first end portion, and a first depressed portion depressed in a circular arc shape from the first end portion. The end portion of the cylinder head cover includes a second end portion and a second depressed portion depressed in a circular arc shape from the second end portion. A first virtual plane through the first end portion and a second virtual plane through the second end portion overlap with the camshaft. A mounting member includes a gasket and a collar member. The gasket includes a ring portion and the main body. The ring portion, having a circular form, is arranged between the first depressed portion and the second depressed portion. The main body is arranged between the first end portion of the cylinder head and the second end portion of the cylinder head cover. The collar member, a tubular shaped member, is inserted in the opening of the ring portion. The water pump is installed in the collar member. The ring portion is integrated with the collar member.



No. of Pages : 22 No. of Claims : 6

(19) INDIA

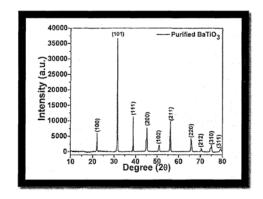
(22) Date of filing of Application :25/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF BARIUM TITANATE NANOLEAVES

(51) International classification	:C04B35/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :KHARAGPUR - 721302, WEST
(33) Name of priority country	:NA	BENGAL, INDIA,
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURYAKANTA NAYAK
(87) International Publication No	: NA	2)TAPAN KUMAR CHAKI
(61) Patent of Addition to Application Number	:NA	3)DIPAK KHASTGIR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract : This invention relates to a process for the preparation of barium titanate nanoleaves comprising the steps of thoroughly mixing hydrated barium hydroxide $(BaOH)_2.8H_2O$ and anatase grade titania (TiO_2) to provide a mixture, subjecting said mixture to a first step of heating at a temperature in the range of 400 to 800°C followed by second step of heating at a temperature in the range of 500 to 1200°C and a third step of repeated heating at a temperature in the range of 700 to 1600°C, with intermittent grinding to obtain the nanoparticles.



No. of Pages : 13 No. of Claims : 8

(19) INDIA

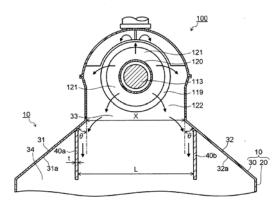
(22) Date of filing of Application :25/06/2014

(43) Publication Date : 02/01/2015

	((54)	Title	of the	invention	:	CONDENSER
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	EAID	
(51) International classification	:F01D 25/00	(71)Name of Applicant : 1)KABUSHIKI KAISHA TOSHIBA
(31) Priority Document No	23/00 :2013- 134450	Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001 JAPAN.
(32) Priority Date	:27/06/2013	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)TARO NOGUCHI
(86) International Application No	:NA	2)SHOTA TSUDA
Filing Date	:NA	3)HIROSHI SAEKI
(87) International Publication No	: NA	4)TAKESHI FUJISAWA
(61) Patent of Addition to Application Number	:NA	5)SHINICHIROU OHASHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :A condenser 10 is disposed under a steam turbine 100 including a downward exhaust- type exhaust chamber. The condenser 10 includes: a condenser main body part 20; a connecting body part 30 connecting the exhaust chamber 122 and the condenser main body part 20 and having a pair of lateral sidewalls 31, 32 whose inner wall surfaces 3 la, 32a are inclined more outward in terms of the perpendicular direction as they go more downstream; and a pair of plate-shaped members 40a, 40b, 41a, 41b which are provided on inner wall surfaces 35 a, 36a of longitudinal sidewalls 35, 36, the pair of plate-shaped members 40a, 40b, 41a, 41b being located across a position of an inlet 33 of the connecting body part 30 and on more outer sides than the position of the inlet 33 in terms of the perpendicular direction, projecting in the turbine rotor axial direction, and extending downstream.



No. of Pages : 21 No. of Claims : 7

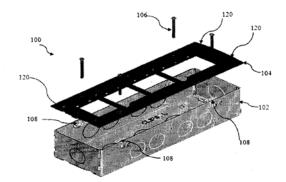
(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ELECTRICAL BOX ASSEMBLY WITH ADJUSTABLE LUG ARRANGEMENTS

(51) International classification	:G01D 11/00	(71)Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(31) Priority Document No	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(32) Priority Date	:NA	RUEIL MALMAISON, FRANCE
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SUNEET SHARMA
Filing Date	:NA	2)GAUTAM GAIKWAD
(87) 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 electrical box assembly (100) comprises a housing member (102) and fixing frame (104). The fixing frame (104) is adapted to be releasably secured to the housing member (102) by means of mechanical fasteners (106). The housing member (102) is provided with a plurality of adjustable lug arrangements (108) for engaging with the mechanical fasteners (106) and thereby securing the fixing frame (104) to the housing member (102). Each of the adjustable lug arrangements (108) comprises of a bracket member (110), a movable lug member (112) and a pin member (114). By the virtue of translational and/or rotational movement of one or more of the movable lug member(s) (112) of said adjustable lug arrangement(s) (108) the fixing frame (104) is aligned or adjusted relative to a position of said housing member.



No. of Pages : 32 No. of Claims : 47

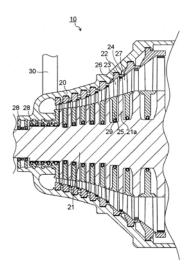
(19) INDIA

(22) Date of filing of Application :25/06/2014

(43) Publication Date : 02/01/2015

(54) Title of the invention : STEAM TURBINE		
(51) Indone dia malala an' Gaodian	.E01D 5/00	
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:2013- 134449	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date	:27/06/2013	MINATO-KU, TOKYO 105-8001 JAPAN.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)NAOKI SHIBUKAWA
Filing Date	:NA	2)TOMOHIKO TSUKUDA
(87) International Publication No	: NA	3)JUNICHI TOMINAGA
(61) Patent of Addition to Application Number	:NA	4)SHINICHIRO OHASHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :A steam turbine 10 according to an embodiment includes rotor blades 22 implanted to a turbine rotor 21, stationary blades 26 making up a turbine stage together with the rotor blades 22, diaphragm outer rings 23 including an annular extending part 24 surrounding a periphery of the rotor blades 22, and supporting the stationary blades 26, and diaphragm inner rings 25 supporting the stationary blades 26. The steam turbine 10 further includes an annular slit 40 formed at an inner surface of the diaphragm outer ring 23 between the stationary blades 26 and the rotor blades 22 along a circumferential direction, and communication holes 50 provided in plural at an outer surface of the diaphragm outer ring 23 along the circumferential direction, communicated to the annular slit 40 from the outer surface side, and communicated to an exhaust chamber sucking water films via the annular slit 40.



No. of Pages : 31 No. of Claims : 14

(22) Date of filing of Application :25/06/2014

(54) Title of the invention : SADDLE-TYPE VEHICLE (51) International classification :B62K 11/00 (21) D is is D and the invention is the product of the pr

(31) Priority Document No	:2013-	Address of Applicant 2500, SHINGAI, IWAIA-SHI,	
(51) Photity Document No		136410	SHIZUOKA-KEN 438-8501 JAPAN.
	(32) Priority Date	:28/06/2013	(72)Name of Inventor :
	(33) Name of priority country	:Japan	1)YASUSHI MATSUSHITA
	(86) International Application No	:NA	
	Filing Date	:NA	
	(87) 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 motorcycle 1 includes a thermostat 41 and a temperature sensor 80 connected to a cooling water outlet 250 of an internal combustion engine 11. The temperature sensor 80 and at least a portion of the thermostat 41 overlap a cylinder section 19 of the internal combustion engine 11 as seen in a vehicle side view. At least a portion of the temperature sensor 80 and at least a portion of the thermostat 41 are located at the same position in a left-right direction. A center line of an outer portion 80a of the temperature sensor 80 extends from the cooling water outlet 250 in a direction inclining with respect to a vertical plane Pc including an axial line Ca of the cylinder section 19.

No. of Pages : 57 No. of Claims : 11

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF PALIPERIDONE AND INTERMEDIATES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	471/00 :NA :NA	 (71)Name of Applicant : 1)PHARMATHEN S.A. Address of Applicant :6 Dervenakion Str., Pallini Attikis, GR-153 51 Greece. (72)Name of Inventor : 1)SONI, Rohit Ravikant 2)ACHARYA, Hitarth Harshendu
(87) International Publication No	: NA	3)PATEL, Kandarpkumar Hasmukhbhai
(61) Patent of Addition to Application Number	:NA	4)AHIRRAO, Manoj Devidas
Filing Date	:NA	5)JOSHI, Mrinalini Kamleshbhai
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :The present invention relates to an improved process for the synthesis of Paliperidone compound of formula I in high purity. The present invention relates to an economically viable and industrially feasible process for the preparation of Paliperidone and intermediates thereof.

No. of Pages : 26 No. of Claims : 29

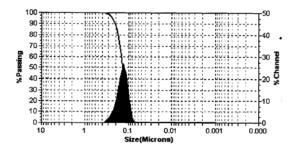
(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : TRANSPARENT/TRANSLUCENT NANOEMULSION FOR COSMETIC APPLICATIONS AND METHOD OF PREPARATION OF THE SAME

(51) International classification	:B01F 17/00	· -
(31) Priority Document No	:NA	Address of Applicant :37, J. L. NEHRU ROAD, KOLKATA-
(32) Priority Date	:NA	700071, WEST BENGAL, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BISWAS, SAMARES CHANDRA
Filing Date	:NA	2)RAJARAM, SHOBA
(87) 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 oil-in-water nanoemulsion comprising (i) Oil phase in the concentration range of from about 0.01 % w/w to 1% w/w. (ii) Non-ionic surfactant in the concentration range of from about 0.01% w/w to 5% w/w. (iii) Anionic surfactant in the concentration range of from about 0.2 % w/w to 8% w/w. (iv) Amphoteric surfactant in the concentration range of from about 0.05 % w/w to 2% w/w. (v) Water phase in the concentration range of from about 90 % w/w to 99% w/w. (vi) Optionally adding co-surfactant in the concentration range of from about 0.02 % w/w to 1% w/w. The present invention further provides a process for the preparation of the nanoemulsion comprising the steps of: 1. Weighing nonionic surfactant in a container 2. Weighing oil and adding in the nonionic surfactant as mentioned in step 1 while stirring gently 3. Weighing co-surfactant in the mixture as mentioned in step 2 while stirring gently 4. Weighing anionic surfactant in the mixture as mentioned in step 3 while stirring gently 5. Weighing amphoteric surfactant in the mixture obtained in step 4 while stirring gently until a transparent system was obtained 6. Weighing water and adding the same into the mixture obtained in step 5 and continue stirring 7. Preparation of nanoemulsion with and/or without diluting transparent solution obtained in step 5 by appropriate amount of water.



No. of Pages : 23 No. of Claims : 7

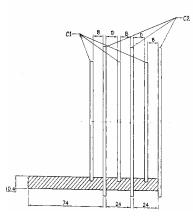
(22) Date of filing of Application :27/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR MILLING OF SMALL FILLERS FOR 600MW TURBO-GENERATOR ROTOR COILS AND THE IMPROVED FIXTURE FOR THE SAME

(51) International classification	:B27B 5/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VIRENDRA BAHADUR SINGH KUSHWAHA
Filing Date	:NA	2)YOGESH KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :The invention relates to an improved process for milling of small fillers for 600 MW turbo-generator Rotor Coils and the improved fixtures for the same. The process comprising dismantling the jaws of the machine vice to mount a fixture (F) on the machine vice in both sides. The fixture (F) is clamped to the sides and holds the raw material. Slitting saw cutters to machine the slot and slitting cutters to part the pieces are set in the machine arbor along with the sleeves and the stopper is fixed on the fixture to adjust the length of the piece to be cut wherein the fixture on the machine vice is adjusted as per the cutter setting in the arbor to machine the slot and cutting off the pieces in a single operation.



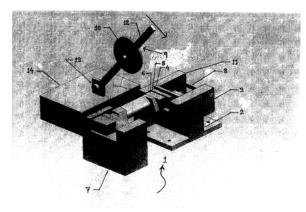
No. of Pages : 14 No. of Claims : 6

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A UNIVERSAL ADJUSTABLE HOLDING AND CUTTING DEVICE FOR EXTRA MATERIAL REMOVAL OF ROOT AND SHROUD OF TURBINE BLADES AFTER 5 AXIS MACHINING BUT BEFORE MILLING ON A HORIZONTAL MILLING CENTER (HMC) BY ABRASIVE CUTTING

(57) Abstract : The invention relates to an universal adjustable holding and cutting device for extra material removal of root and shroud of turbine blades before milling operation on HMC machine. The device comprising a fixed dovetail rail (2) for guiding a sliding block (3) over it. A fixed block is disposed on the base of the dovetail rail (2). A bolt (8) passing through a hole in the sliding block (3) is threaded into the fixed block (11) for moving the sliding block (3) over dovetail rail (2). A main supporting pad (4) rested upon the fixed dovetail rail-sliding block assembly is disposed in a position based on pre calculation according to the technical allowances taken during blade machining when pads (5 and 6) are used for extra removal of root and shroud respectively wherein a fixed support block pad (7) supports the root while cutting extra material from the shroud and supports the shroud while cutting extra material from root wherein the extra material of root and shroud of the blade is cut by the cutting wheel (10) disposed in the device (1).



No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

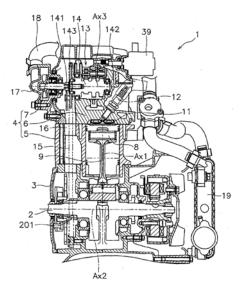
(22) Date of filing of Application :30/09/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENGINE

(51) International classification	:F01L 1/00	(71)Name of Applicant :
(31) Priority Document No	:2013- 136583	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA Address of Applicant :2500 Shingai, Iwata-shi, Shizuoka,
(32) Priority Date	:28/06/2013	4388501, JAPAN.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)YOSHITAKA NAGAI
Filing Date	:NA	2)KENSUKE YAMAMOTO
(87) 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 first rocker arm is supported by a rocker shaft and is provided to be able to operate a valve. A second rocker arm is supported by the rocker shaft and is arranged to line up with the first rocker arm in the axial direction of a cam shaft. A switching pin member is able to be moved in the axial direction of the cam shaft, and links the first rocker arm and the second rocker arm at a first position and swings together with the first rocker arm and the second rocker arm. The switching pin member is positioned on an end section side of the valve with regard to the rocker shaft when viewed from the axial direction of the cam shaft.



No. of Pages : 37 No. of Claims : 9

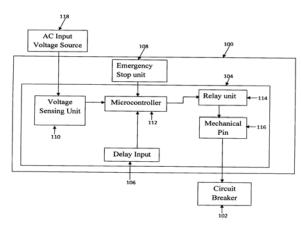
(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING AND INITIATING TRIPPING OF AN ELECTRICAL CIRCUIT BREAKER BY MEANS OF A TRIPPING DEVICE

(51) International classification	:H01H 71/00	(71)Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(31) Priority Document No	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(32) Priority Date	:NA	RUEIL MALMAISON, FRANCE
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KARTHIK SATYANARAYANAN
8	:NA	2)DHANANJAYA VISAKANTAIAH
(87) International Publication No	: NA	3)MANJUNATH RAMESH
(61) Patent of Addition to Application Number	:NA	4)SUMANTA DEBNATH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :The present invention relates to a system (100) and method for controlling and initiating tripping of an electrical circuit breaker (102). The tripping device (104) comprises a voltage sensing unit (110), a trip controlling unit in the form of a microcontroller (112), a relay unit (114), a trip actuating member in the form of a mechanical pin (116). The microcontroller (112) is configured to generate a triggering pulse for the relay unit whenever said output from said voltage sensing unit matches with said user defined voltage value (s) stored in the microcontroller (112). The relay unit (114) is configured to activate the mechanical pin (116) to trip the electrical circuit breaker (102) upon receiving said triggering pulse from said microcontroller (112).



No. of Pages : 40 No. of Claims : 34

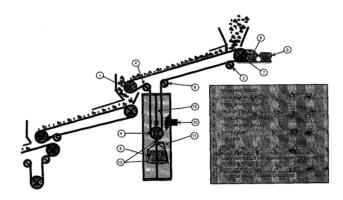
(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN ANTI-BELT-SNAPPING DEVICE FOR DOWN-HILL CONVEYORS.

(51) Intermedianel alegaification	:A01D	(71)Name of Applicant :
(51) International classification	45/00	1)STEEL AUTHORITY OF INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :GUA ORE MINES, RAW
(32) Priority Date	:NA	MATERIALS DIVISION, DIST. WEST SINGHBHUM, GUA-
(33) Name of priority country	:NA	833213 STATE OF JHARKHAND, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHARGAVA DILIP
(87) International Publication No	: NA	2)GIRI BIPIN KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :The present invention relates to an Anti Belt Snapping Device for Belt Conveying System for application in Mining and other Material Handling Industries. The device according to the present invention is particularly suitable for application in any down-hill conveyor which are prone to snapping due to uneven belt tension or jamming of discharge chute by automatically stopping the conveyor before it is snapped. The device of the present invention is simple yet cost effective and reliable wherein a selectively disposed limit switch in operative communication with the counter weight and adjacent striker that stops the drive motor of the conveyor during upward movement of counterweight in the event of chute jamming well in advance and thereby avoiding snapping of the belt conveyor and thus avoiding down time and loss of production, favouring wide application in Belt Conveying System for Mining and other Material Handling Industries with significant cost advantage.



No. of Pages : 15 No. of Claims : 9

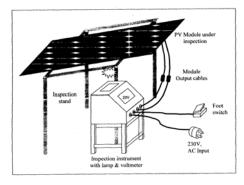
(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2013

(54) Title of the invention : A DEVICE FOR INSPECTING A PV MODULE AT THE FINAL STAGE

(57) Abstract :The invention relates to a device for inspecting a PV module at the final stage, comprising: a digital voltmeter enabled to measure D.C. input at the range of 0 to 999 volt; a power source for supplying 230V, AC to the voltmeter; a neon lamp operable under 230V, AC input connectable to the voltmeter, the neon lamp acting as a source of light; a supporting structure accommodating a metal enclosure, the metal enclosure including the voltmeter, the neon lamp, and the connecting cables; a PV module to be tested disposed above an inspection bay with the output cables of the module for insertion into the device during testing; and a foot operated pedal switch connectable to the device to check glowing of the neon lamp.



No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

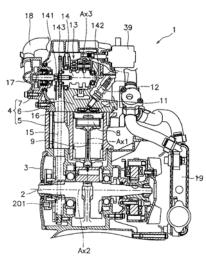
(22) Date of filing of Application :24/09/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENGINE

 (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 	:2013- 136581 :28/06/2013 :Japan :NA :NA : NA :NA	 (71)Name of Applicant : 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA Address of Applicant :2500, Shingai, Iwata-shi, Shizuoka-ken 438-8501, JAPAN. (72)Name of Inventor : 1)Kaichi IIDA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :A first head section is arranged between a first cylinder side wall and a second head section in the axial direction of a cam shaft. The second head section is arranged between a second cylinder side wall and the first head section in the axial direction of the cam shaft. The distance between the first cylinder side wall and the first head section in the axial direction of the cam shaft is shorter than the distance between the second cylinder side wall and the second head section in the axial direction of the cam shaft. The distance between the second cylinder side wall and the second head section in the axial direction of the cam shaft. The distance to the first head section in a cylinder axial direction from a third virtual plane, which includes the axis of a crank shaft and is perpendicular to a cylinder axis, is shorter than the distance to the second head section in the cylinder axial direction from the third virtual plane.

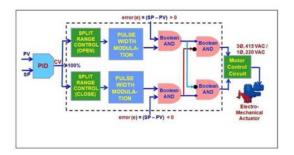


No. of Pages : 41 No. of Claims : 8

(22) Date of filing of Application :28/06/2013

(54) Title of the invention : A METHOD OF DERIVING PULSE WIDTH MODULATED OUTPUT FROM PLC BASED LINEAR PID FUNCTION BLOCK

(57) Abstract :The present invention relates to a computer or Programmable Logic Controller (PLC) or Programmable Automation Controller (PAC) program implemented method of deriving Pulse Width Modulated Output from PLC based linear PID function block by using current generation PLC having advanced function block programming feature. The method comprises (a) Converting of 0-100% controlled linear variable output from PID into heat and cool zones of different ranges, (b) Overlapping said zones to generate instant smooth pulses for heat and cool signal generation, (c) Generation of pulse of variable width; and (d) Filtering simultaneous triggering of both Open / Close commands by performing two stage Boolean AND w.r.t. process error signal.



No. of Pages : 19 No. of Claims : 11

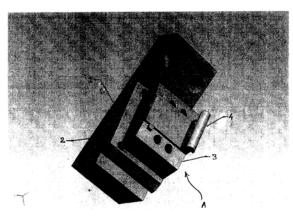
(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : AN ATTACHMENT WITH SELF ADJUSTING PAD SYSTEM FOR RADIUS MILLING OPERATION OF ROOT AND SHROUD OF TURBINE BLADE IN CNC 4 AXIS HORIZONTAL MACHINING CENTRE FOR A WIDE RANGE BLADE RHOMBOID ANGLES AND A METHOD FOR THE SAME

(51) International classification:B23Q 11/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	 (71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :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)BISWAJIT DAS 2)VIJAY KUMAR CHUGH 3)SANJIV KUMAR 4)SAKSHAM SAXENA 5)SANDIP CHAKRABORTY
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(57) Abstract :The invention relates to an attachment (A) used in a fixture for radius milling operation of root and shroud of turbine blade. The attachment consists of a plurality of angle blocks (1) bolted to the fixture base, a changeable base plate (2) is bolted on the angle block, an angle adjustment system holder is fixed on the base plate (2) and an angle adjustment system (4) is disposed on the said angle adjustment system holder (3) enabling it to rotate around the axis of the angle adjustment system (4) upto 10 degrees each direction of clockwise and anticlockwise covering blade rhomboid angles ranging from 23 to 35 degrees for holding both root and shroud of the blade in the fixture.



No. of Pages : 21 No. of Claims : 3

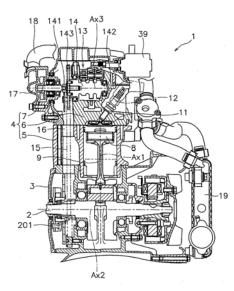
(22) Date of filing of Application :27/09/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:Japan :NA :NA	 (71)Name of Applicant : 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA Address of Applicant :2500 SHINGAI, IWATA-SHI, SHIZUOKA, 4388501, JAPAN. (72)Name of Inventor : 1)YOSHITAKA NAGAI 2)KENSUKE YAMAMOTO
(86) International Application No	:NÅ	·
(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 actuator switches the position of a switching pin member between a first position and a second position by pressurizing the switching pin member in the axial direction of a cam shaft. At least a portion of the switching pin member overlaps with a head cover when viewed from the axial direction of the cam shaft. The actuator is arranged on the opposite side to a cam chain chamber with regard to the cam shaft in the axial direction of the cam shaft. The actuator is arranged outside of an engine. The actuator is positioned more to the head cover side than an end section of a cylinder head.

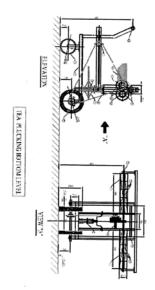


No. of Pages : 36 No. of Claims : 8

(22) Date of filing of Application :25/06/2013

(54) Title of the invention : A TEA PLUCKING DEVICE	Ξ	
(51) International classification	:A47J 31/00	(71)Name of Applicant : 1)TEA RESEARCH ASSOCIATION
(31) Priority Document No	:NA	Address of Applicant :113, PARK STREET (9TH FLOOR),
(32) Priority Date	:NA	KOLKATA - 700016, WEST BENGAL, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAMAKRISHNA, DR.YEZZU SRI
Filing Date	:NA	2)MAYANDE, DR. VENKAT MANOHARRAO
(87) International Publication No	: NA	3)SAIKIA, DR. DEBENDRA NATH
(61) Patent of Addition to Application Number	:NA	4)KADAM, SAMPAT GANAPAT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :A simple and cost effective manually operated tea plucking device is disclosed. More particularly, the present invention provides a mechanical tea plucker device which is operated simply by pushing like a trolley having well lubricated wheels that easily move with operative connection with a set of rotating helical cutting blades to pluck tea leaves from top of tea plants as it moves over the tea plantation field with specified height and spacing of plantation of tea bushes, making the system easy to be operable in the tea garden/field, even by a fragile tea-garden worker including a woman. Importantly, the movement of the trolley by an operator is the driving force that generates energy to rotate the blade mechanism at a fast rate, enough to pluck the tea shoots automatically and get collect in a bucket for transportation to processing unit ensuring improved productivity in a cost effective and environment friendly manner.



No. of Pages : 18 No. of Claims : 12

(22) Date of filing of Application :01/07/2013

(54) Title of the invention : A DEVICE FOR MOUNTING A SWING DOOR ON THE FRAME OF CONTROL EQUIPMENT PANEL FOR POWER PLANTS

(51) International classification	:E05D 5/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO : 9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ALOYSIUS LOUIS
Filing Date	:NA	2)KELADI BHASKARAPPA RAMACHANDRA
(62) Divisional to Application Number	:NA	3)SHANKARAPPA NARAYANA MURTHY
Filing Date	:NA	4)SATHYANARAYANA

(57) Abstract :A device for mounting a swing door on the frame of control equipment panel for power plants, comprising at least one hinge bracket made of steel material and constructed with bends on two opposed surfaces; a hinge tube made of bright steel bar having two flattened side surfaces, the hinge tube constructed with a chamfer on one corner, fillet on another corner and two side surfaces with on offset hole for insertion of a hinge pin configured on an upper face of the tube; and a self-gripping gasket for sealing the door gap when mounted on the door frame.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

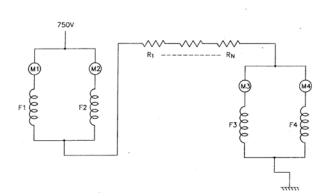
(19) INDIA

(22) Date of filing of Application :28/06/2013

(54) Title of the invention : AN IMPROVED DC TRACTION SYSTEM OF AIR CONDITIONED METRO TRAINS

(51) International classification	:B60L 15/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant : REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAJESH KUMAR SHARMA
Filing Date	:NA	2)OM PRAKASH SINGH
(62) Divisional to Application Number	:NA	3)DINESH DUBEY
Filing Date	:NA	

(57) Abstract :The invention relates to an improved DC Traction system of Air Conditioned metro Trains, the improvement is characterized by comprising: a high speed circuit breaker (HSCB) providing protection against developing fault in power and auxiliary circuit; at least four nose suspended, self-ventilated traction motors, each motor being mounted to cover two bogies of each of six motor coaches; an inductive shunt provided to effect fast commutation between the motors both in weak field position and transition/interruption; and a master controller mounted on drivers desk with a traction current control units (TCCUS) attached on end wall of said motor coaches; wherein the system is enabled to receive current through a third rail by a pair of third rail current collector (TRCC) and transmit the current through the high speed circuit breaker (HSCB), first coil of the (CBR) current balance relay and coil of the line contactor (LB1) wherein the negative terminal of the power circuit is connected to earth return brushes including a second coil of the current balance relay, and wherein the master controller generates an output signal for feeding to a reverser coil to ensure forward and backward movement of the train.



No. of Pages : 15 No. of Claims : 2

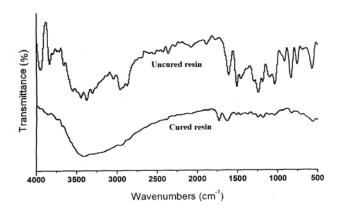
(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A TOUGH SYNTHETIC LOW DIELECTRIC HYPERBRANCHED EPOXY THERMOSET AND A PROCESS FOR PREPARATION

 (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 	59/00 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)TEZPUR UNIVERSITY Address of Applicant :TEZPUR-784028, ASSAM INDIA (72)Name of Inventor : 1)NIRANJAN KARAK 2)BIBEKANANDA DE
Filing Date	:NA	

(57) Abstract : A tough synthetic low dielectric hyperbranched epoxy composition comprising a low viscous hyperbranched epoxy resin and an aliphatic amido-amine hardener is described.



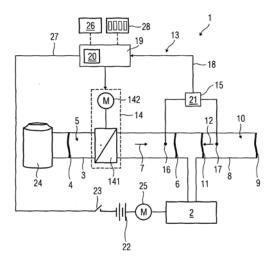
No. of Pages : 29 No. of Claims : 13

(22) Date of filing of Application :28/06/2013

(54) Title of the invention : LOW ENERGY DENSITY FUEL GAS FEED CONTROL SYSTEM

(51) International classification(31) Priority Document No	:H03K 19/00 :NA	(71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2 80333
(32) Priority Date	:NA	MÜNCHEN GERMANY
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ARUN GIRIMAJI
Filing Date	:NA	2)SRIDHAR GURURAJA RAO
(87) 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 fuel gas feed control system 1 for a low energy density fuel gas engine 2 is disclosed. The system 1 includes a fuel gas feed line 3, an air feed line 8 and a regulator unit 13. The fuel gas feed line 3 carries fuel gas 5 and the air feed line 8 carries air 10 to the low energy density fuel gas engine 2. The regulator unit 13 contains a motorized valve 14, a pressure sensor 15 and a programmable logic controller unit 19. The motorised valve 14 regulates the feed of fuel gas 7 in the fuel gas feed line 3 which goes into the low energy density fuel gas engine 2. The pressure sensor 15 senses the difference 21 in pressure between the fuel gas feed line 3 and the air feed line 8 and generates a signal 18 based on it. The programmable logic controller unit 19 receives the signal 18 and controls the motorised valve 14 based on the received signal 18 to regulate the feed of the fuel gas 7 in the fuel gas feed line 3.



No. of Pages : 21 No. of Claims : 12

(19) INDIA

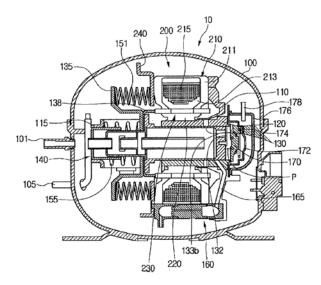
(22) Date of filing of Application :23/06/2014

(54) Title of the invention : LINEAR COMPRESSOR

(43) Publication Date : 02/01/2015

(51) Intermetional classification	:B30B	(71)Name of Applicant :
(51) International classification	11/00	1)LG ELECTRONICS INC.
(21) Priority Document No	:10-2013-	Address of Applicant :128,YEOUI-
(31) Priority Document No	0075514	DAERO, YEONGDEUNGPO-GU, SEOUL, 150-721, REPUBLIC
(32) Priority Date	:28/06/2013	OF KOREA.
(33) Name of priority country	:Republic	(72)Name of Inventor :
(55) Name of priority country	of Korea	1)KYOUNGSEOK KANG
(86) International Application No	:NA	2)WONHYUN JUNG
Filing Date	:NA	3)CHULGI ROH
(87) International Publication No	: NA	4)SANGSUB JEONG
(61) Patent of Addition to Application Number	:NA	5)KIWOOK SONG
Filing Date	:NA	6)JOOKON KIM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract : A linear compressor is provided that may include a shell provided with a refrigerant inlet; a cylinder provided inside of the shell to form a compression space; a piston that reciprocates inside of the cylinder to compress a refrigerant in the compression space; and a motor assembly that provides a drive force to the piston and provided with a permanent magnet. The piston may include a piston body having a cylindrical outer circumferential surfaceand a surface-treated area, which may be processed with a material having a predetermined hardness value, and a valve support provided at an end of the piston body and having a suctioning hole be in communication with the compression space. The valve support may form a first non-surface-treated area, which is not surface-treated.



No. of Pages : 37 No. of Claims : 22

(19) INDIA

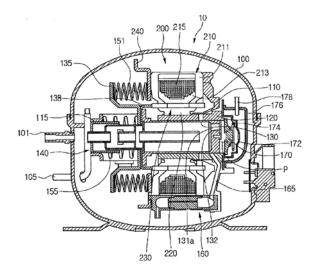
(22) Date of filing of Application :23/06/2014

(54) Title of the invention : LINEAR COMPRESSOR

(43) Publication Date : 02/01/2015

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(51) International classification	:F04B	(71)Name of Applicant :
(51) International classification	35/00	1)LG ELECTRONICS INC.
(31) Priority Document No	:10-2013-	Address of Applicant :128,YEOUI-
	0075512	DAERO, YEONGDEUNGPO-GU, SEOUL, 150-721, REPUBLIC
(32) Priority Date		OF KOREA.
(33) Name of priority country	:Republic	(72)Name of Inventor :
	of Korea	1)KYOUNGSEOK KANG
(86) International Application No	:NA	2)WONHYUNG JUNG
Filing Date	:NA	3) CHULGI ROH
(87) International Publication No	: NA	4) SANGSUB JEONG
(61) Patent of Addition to Application Number	:NA	5) KIWOOK SONG
Filing Date	:NA	6) JOOKON KIM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :A linear compressor is provided that may include a shell including a refrigerant inlet, a cylinder provided within the shell, a piston reciprocated within the cylinder, the piston having a flow space in which a refrigerant may flow, a motor assembly that provides a drive force, the motor assembly including a permanent magnet, a flange that extends from an end of the piston in a radial direction, the flange having an opening that communicates with the flow space of the piston and a coupling hole defined outside of the opening, a support coupled to the coupling surface of the flange to support a plurality of springs, and at least one reinforcing rib that protrudes from the coupling surface to guide deformation of the flange while the flange and the support are coupled to each other.



No. of Pages : 49 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA(22) Date of filing of Application :26/06/2013

(54) Title of the invention : A FORMULATION FOR THE TREATMENT OF DIABETES.

 (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 	9/00 :NA :NA :NA	 (71)Name of Applicant : 1)YASHWANT ATBHAIYA Address of Applicant :P 98 LAKE TERRACE, KOLKATA- 700029 2)PREETAM LAL CHOUDHARY (72)Name of Inventor : 1)YASHWANT ATBHAIYA 2)PREETAM LAL CHOUDHARY
e e	:NA :NA	
Filing Date	:NA	

(57) Abstract :This invention relates to a formulation for the treatment of diabetes comprising 56 mg to 224 mg cow urine powder and 44 mg to 176 mg skim milk powder per kg body weight of the patient.

No. of Pages : 25 No. of Claims : 8

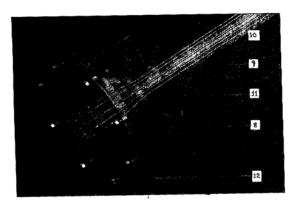
(22) Date of filing of Application :26/06/2013

(43) Publication Date : 02/01/2015

(54) Title of the invention : A DEVICE FOR MULTI CHANNEL SENSOR LIVE DATA CABLE CONDUITING OF BLADE VIBRATION MONITORING SYSTEM AND THE METHOD FOR THE SAME.

(51) International classification	:F02M 25/00	(71)Name of Applicant : 1)BHARAT HEAVY ELECTRICALS LIMITED.
(31) Priority Document No	:NA	Address of Applicant : REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANI KUMARI DASARI
Filing Date	:NA	2)KILAMBI RAMAKRISHNA,
(62) Divisional to Application Number	:NA	3)NARESH KUMAR GAURAV
Filing Date	:NA	4)NUKALA KAMESWARI VIJAYASREE

(57) Abstract :A device for multi channel sensor live data cable conduiting of blade vibration monitoring system consists of a canister flange (1) and a canister plate (2) assembled to form a canister assembly (8) and is welded to the casing. The Canister (8) is supported by a plurality of support brackets (11). The canister plate (2) holds the cables coming out of the casing. The conduits (10) are routed out of turbine through canister (8).



No. of Pages : 11 No. of Claims : 5

Ser ial Nu mb er	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)	Appropr iate Office
1	264395	4912/DELNP/200 5	18/05/2004	21/05/2003	TOOTHBRUSH ASSEMBLY.	COLGATE- PALMOLIVE COMPANY	27/04/2007	DELHI
2	264400	5792/DELNP/200 6	07/04/2005	08/04/2004	A METHOD TO ESTABLISH A WIRELESS CONNECTION WITH ANOTHER WIRELESS DEVICE	ABB RESEARCH LTD.	27/04/2007	DELHI
3	264410	2086/DELNP/200 6	17/09/2004	17/09/2003	WARMING APPARATUS WITH HEATER PRODUCED BY PCB	PARK, Jae- Sang	15/06/2007	DELHI
4	264411	4360/DELNP/200 7	03/12/2004	03/12/2004	SETTING AN UPLINK TRANSMISSION RATE LIMIT FOR MOBILE TERMINALS TRANSMITTING OVER A HIGH SPEED DOWNLINK SHARED CHANNEL	TELEFONAKT IEBOLAGET LM ERICSSON (PUBL)	24/08/2007	DELHI
5	264417	995/DELNP/2006	01/07/2004	25/08/2003	COPOLYETHERIMIDES	SABIC INNOVATIVE PLASTICS IP B.V	17/08/2007	DELHI
6	264420	348/DELNP/2007	01/10/2004	12/07/2004	HIGH DURABILITY REFRACTORY COMPOSITION	SPECIALTY MINERALS (MICHIGAN) INC.	17/08/2007	DELHI
7	264422	765/DEL/2006	22/03/2006		A PROCESS FOR PREPARATION OF A SURFACE ACTIVE AGENT USEFUL AS CHEMICAL ADDITIVE/ POLYELECTROLYTE	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	24/02/2012	DELHI
8	264423	3118/DELNP/200 8	06/10/2006	06/10/2005	CRUCIBLE (1) FOR THE CRYSTALLIZATION OF SILICON	VESUVIUS CRUCIBLE COMPANY	08/08/2008	DELHI
9	264424	8143/DELNP/200 7	14/04/2006	14/04/2005	METHOD FOR ELECTRODEPOSITION OF BRONZES	ENTHONE INC	30/11/2007	DELHI
10	264425	2718/DEL/2005	10/10/2005	26/10/2004	A HOLDING NEEDLE COMPRISING GRIPPING FLANGES	EMD MILLIPORE CORPORATIO N	02/10/2009	DELHI
11	264426	4875/DELNP/200 7	15/12/2005	24/12/2004	A METHOD AND AN APPARATUS TO TEST FOR IN- HOUSE WIRING PROBLEMS IN A NETWORK	ALCATEL LUCENT	10/08/2007	DELHI
12	264428	710/DELNP/2006	19/08/2003	19/08/2003	A METHOD FOR CONTINUOUS DRYING OF RICE	BUHLER AG.	24/08/2007	DELHI

13	264434	2523/DEL/2005	16/09/2005		POLYURETHANE BASED INHIBITION SYSTEM FOR NITRAMINE EXTRUDED DOUBLE BASE PROPELLANTS FOR REDUCED SMOKE APPLICATION AND PROCESS FOR PREPARATION THEREOF	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPME NT ORGANISATI ON	02/10/2009	DELHI
14	264435	9176/DELNP/200 7	24/05/2006	26/05/2005	SCALABLE FERMENTATION PROCESS	CYTOS BIOTECHNOL OGY AG.	18/01/2008	DELHI
15	264436	3828/DELNP/200 5	30/07/2004	15/08/2003	SYSTEM AND METHOD FOR SELECTING DATA PROVIDERS	BRITISH TELECOMMU NICATIONS PUBLIC LIMITED COMPANY	02/10/2009	DELHI
16	264447	6092/DELNP/200 5	01/07/2004	03/07/2003	PROCESS FOR THE PREPARATION OF THIOCARBOXYLATE SILANE.	MOMENTIVE PERFORMAN CE MATERIALS INC.	11/07/2008	DELHI
17	264448	1550/DELNP/200 7	21/09/2005	22/09/2004	METHOD OF PREPARING A CHROMATOGRAPHY MATRIX	GE HEALTHCARE BIO-SCIENCE AB	03/08/2007	DELHI
18	264459	1809/DEL/2005	13/07/2005	29/07/2004	METHOD AND APPARATUS FOR POWER LEVEL CONTROL AND/OR CONTRAST CONTROL IN A DISPLAY DEVICE	THOMSON LICENSING	24/08/2007	DELHI
19	264462	2123/DEL/2005	10/08/2005	18/08/2004	PARALLEL LOOP ANTENNAS FOR A MOBILE ELECTRONIC DEVICE	MICROSOFT CORPORATIO N	31/07/2009	DELHI
20	264470	2697/DEL/2007	24/12/2007 16:11:45	30/03/2007	PRESS-CONNECTING APPARATUS FOR PIPES	DASUNG TECH CO., LTD.	26/12/2008	DELHI
21	264480	5514/DELNP/200 6	04/03/2005	19/03/2004	A REAL-TIME CAPTIONING FRAMEWORK FOR MOBILE DEVICES	MEDIA CAPTIONNIG SERVICES	17/08/2007	DELHI
22	264488	711/DELNP/2007	22/09/2003	26/09/2002	A REKEYABLE LOCK CYLINDER	KWIKSET CORPORATIO N	03/08/2007	DELHI
23	264495	3881/DELNP/200 9	22/11/2007	29/11/2006	PLANT DISEASE AND INSECT DAMAGE CONTROL COMPOSITION AND PLANT DISEASE AND INSECT DAMAGE PREVENTION METHOD	MITSUI CHEMICALS, INC.	16/04/2010	DELHI
24	264498	1208/DEL/2008	14/05/2008 17:32:50	15/05/2007	REACTION CUVETTE FOR AUTOMATIC ANALYZER AND METHOD OF SURFACE TREATMENT FOR REACTION CUVETTE	HITACHI HIGH- TECHNOLOGIE S CORPORATION,	03/04/2009	DELHI
25	264501	2048/DELNP/200 6	19/10/2004	31/10/2003	METHOD FOR OPERATING TWO RADIO COMMUNICATION SYSTEMS.	NOKIA SIEMENS NETWORKS GMBH & CO KG	15/06/2007	DELHI

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26	264503	9123/DELNP/200 7	18/05/2006	18/05/2005	PROCESS FOR THE MANUFACTURE OF A SOLID COMPOSITION COMPRISING COATED MICROORGANISM- CONTAINING PARTICLES AND COMPOSITION PRODUCED THEREBY	DSM IP ASSETS B.V.	25/01/2008	DELHI
27	264504	5129/DELNP/200 7	16/12/2005	17/12/2004	A SYSTEM FOR CONNECTING SUPPLY LINES BETWEEN A TRACTOR AND A SEMI- TRAILER	JOST-WERKE GMBH & CO. KG.	17/08/2007	DELHI
28	264506	3081/DELNP/201 0	25/10/2007	25/10/2007	RACEMOSELECTIVE SYNTHESIS OF ANSA- METALLOCENE COMPOUNDS, ANSA-METALLOCENE COMPOUNDS, CATALYSTS COMPRISING THEM, PROCESS FOR PRODUCING AN OLEFIN POLYMER BY USE OF THE CATALYSTS, AND OLEFIN HOMO-AND COPOLYMERS	LUMMUS NOVOLEN TECHNOLOG Y GMBH	15/10/2010	DELHI
29	264507	712/DEL/2007	30/03/2007 13:04:19		A PROCESS FOR OBTAINING WATER DISPERSIBLE ASTAXANTHIN COMPOSITION	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH	14/11/2008	DELHI
30	264512	3158/DELNP/200 8	03/10/2006	07/10/2005	MATRIX METALLOPROTEINASE 11 VACCINE	INSTITUTO DI RECERCHE DI BIOLOGIA MOLECOLAR E P ANGELETTI SPA	08/08/2008	DELHI
31	264513	4948/DELNP/200 5	30/04/2004	30/04/2003	A THERMOGELLING HYDROGEL	DREXEL UNIVERSITY, GELIFEX, INC.	07/12/2007	DELHI
32	264514	1001/DELNP/200 8	21/07/2006	09/08/2005	A METHOD FOR PRODUCING ABSORBENT MATERIALS	EXXONMOBIL RESEARCH AND ENGINEERIN G COMPANY,	20/06/2008	DELHI
33	264516	9603/DELNP/200 7	06/06/2006	07/06/2005	STABLE AND SOLUBLE ANTIBODY WHICH SPECIFICALLY BINDS TNFALPHA	ESBATECH AG	20/06/2008	DELHI
34	264519	7128/DELNP/200 9	17/04/2008	18/04/2007	ANTIBODIES AGAINST IL-25	MEDICAL RESEARCH COUNCIL	25/06/2010	DELHI
35	264521	2500/DELNP/200 8	12/10/2006	12/10/2005	AN ANTIGEN-BINDING REGION THAT IS SPECIFIC FOR CD38	MORPHOSYS AG	27/06/2008	DELHI
36	264522	1243/DEL/2003	08/10/2003	09/10/2002	A FREEWHEEL COUPLING DEVICE FOR A SPRING- LOADED OPERATING MECHANISM FOR A HIGH- VOLTAGE CIRCUIT-BREAKER	AREVA T & D SA	14/10/2005	DELHI

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	264390	947/MUMNP /2011	11/12/2009	19/12/2008	ARYLCYCLOPROPYLACETAMID E DERIVATIVES USEFUL AS GLUCOKINASE ACTIVATORS	ELI LILLY AND COMPANY	10/02/2012	MUMBAI
2	264392	1608/MUMN P/2008	03/02/2006	30/01/2006	NON-WOVEN FIBROUS MATERIALS AND ELECTRODES THEREFROM	RUDYARD LYLE ISTVAN	03/10/2008	MUMBAI
3	264401	1433/MUMN P/2008	20/12/2006	22/12/2005	METHODS AND APPARATUS RELATED TO DETERMINING, COMMUNICATING, AND/OR USING DELAY INFORMATION	QUALCOMM INCORPORATE D	19/09/2008	MUMBAI
4	264446	2218/MUMN P/2008	24/04/2007	02/05/2006	DRIVE SHAFT FOR THE FEED ROLLERS OF A COMBING MACHINE.	Zhuolang Textile Machinery Co. Ltd	20/02/2009	MUMBAI
5	264449	2215/MUMN P/2008	28/02/2007	13/05/2006	CLAMPING DEVICE	SAURER COMPONENTS GMBH	16/01/2009	MUMBAI
6	264453	1002/MUM/2 008	12/05/2008		CLASP FOR CONNECTING JEWELLERY AND ACCESSORY	RADIUS CORPORATION LTD.	13/06/2008	MUMBAI
7	264457	352/MUMNP /2009	10/09/2007	14/09/2006	SYSTEM AND METHOD FOR ACQUISITION OF GNSS SIGNALS	QUALCOMM INCORPORATE D	22/05/2009	MUMBAI
8	264469	708/MUM/20 05	16/06/2005		A METHOD & DEVICE FOR FILLING TABLETS IN A CAPSULE	SCITECH CENTRE	07/12/2007	MUMBAI
9	264471	1162/MUMN P/2008	20/12/2006	22/12/2005	A METHOD OF REPORTING TRANSMISSION BACKLOG INFORMATION AND A DEVICE THEREOF	QUALCOMM INCORPORATE D	25/07/2008	MUMBAI
10	264472	752/MUM/20 04	14/07/2004		AIR FILTER ASSEMBLY FOR A VEHICLE	MAHINDRA & MAHINDRA LTD.,M. N. RAMA RAO & COMPANY	06/07/2007	MUMBAI
11	264473	761/MUM/20 07	19/04/2007		A PHARMACEUTICAL COMPOSITION COMPRISING MELOXICAM GRANULATE	CHAUDHARI PRAVIN DIGAMBAR,SHA RMA PRAMODKUMAR ,BHAGAT HIREN DINESHCHANDR	17/07/2009	MUMBAI
12	264481	2336/MUM/200 8	03/11/2008		AN IMPROVED PROCESS FOR WATER TREATMENT TO REMOVE ARSENIC, IRON AND PHOSPHATE BY ZERO VALENT IRON AND A REACTOR THEREFOR	INDIAN INSTITUTE OF TECHNOLOGY	07/05/2010	MUMBAI

13	264483	2059/MUMN P/2008	17/04/2007	19/04/2006	VIRTUALLY-TAGGED INSTRUCTION CACHE WITH PHYSICALLY-TAGGED BEHAVIOR	QUALCOMM INCORPORATE D	26/06/2009	MUMBAI
14	264494	334/MUMNP /2007	06/09/2005	07/09/2004	VIBRATING WET SHAVER	BIC-VIOLEX SA	20/07/2007	MUMBAI
15	264497	293/MUM/20 08	12/02/2008		AN AMBULANCE SYSTEM WITH STRUCTURALLY INTEGRATED ADJUSTABLE STRETCHER SUPPORT STRUCTURE FOR CARRYING EMERGENCY PATIENT	TATA MOTORS LIMITED	04/04/2008	MUMBAI
16	264499	605/MUM/20 06	18/04/2006		WIND ENERGY GENERATOR	AGA KHUSHROO JAMSHED	14/12/2007	MUMBAI
17	264515	3246/MUM/2 010	29/11/2010 14:25:11		METHOD FOR PRODUCTION OF 2,5-DIFORMYLFURAN FROM 5- HYDROXYMETHYLFURFURAL	YADAV GANAPATI DADASAHEB	28/01/2011	MUMBAI
18	264518	265/MUMNP /2007	18/08/2005	27/08/2004	AN ANTISTATIC TRANSFER BELT	ALBANY INTERNATION AL CORP.,	03/08/2007	MUMBAI

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)	Appropriate Office
1	264397	3437/CHENP/ 2007	23/01/2006	04/02/2005	A COMPOSITE COMPRISING AT LEAST ONE HOLLOW FIBRE COMPRISING AN OXYGEN TRANSPORTING CERAMIC MATERIAL	THYSSENKRUP P INDUSTRIAL SOLUTIONS AG,BORSIG PROCESS HEAT EXCHANGER GmbH	16/11/2007	CHENNAI
2	264403	5849/CHENP/ 2007	19/05/2006	19/05/2005	PROCESS FOR PREPARING 3 alpha(beta)-7alpha(beta)- DIHYDROXY-6 alpha(beta)- ALKYL-5B-CHOLANIC ACID	INTERCEPT PHARMACEUTI CALS,INC.,	13/06/2008	CHENNAI
3	264427	3158/CHENP/ 2008	21/12/2006	22/12/2005	MULTILAYER BOTTLE	MITSUBISHI GAS CHEMICAL COMPANY, INC	06/03/2009	CHENNAI
4	264429	1504/CHENP/ 2010	18/09/2008	18/09/2007	ENZYME ELECTRODE AND METHOD OF PRODUCING THE SAME	ULTIZYME INTERNATIONA L LTD,BIOENGINE ERING LABORATORIES ,LLC., AND ARKRAY,INC.	27/08/2010	CHENNAI
5	264430	5138/CHENP/ 2008	28/03/2007	28/03/2006	A MODIFIED INVERTED-F ANTENNA CIRCUIT FOR WIRELESS COMMUNICATION AND A METHOD THEREOF	QUALCOMM INCORPORATE D	20/03/2009	CHENNAI
6	264431	3298/CHENP/ 2007	25/01/2006	27/01/2005	PROCESS FOR THE PRODUCTION OF CAESIUM HYDROXIDE SOLUTIONS	CHEMETALL GmbH	09/11/2007	CHENNAI
7	264445	1214/CHENP/ 2007	16/09/2005	17/09/2004	SEALING BUSH, HYDRAULIC UNIT AND CHECK VALVE	BOSCH REXROTH AG	31/08/2007	CHENNAI
8	264450	5264/CHENP/ 2007	19/05/2006	20/05/2005	PROCESS FOR PREPARING A CHLOROHYDRIN BY CONVERTING POLYHYDROXYLATED ALIPHATIC HYDROCARBONS	SOLVAY (SOCIETE ANONYME)	25/01/2008	CHENNAI
9	264452	5351/CHENP/2 007	24/05/2006	26/05/2005	METHOD AND APPARATUS FOR MAKING CRYSTALLINE POLYMERIC PELLETS AND GRANULES	GALA INDUSTRIES INC	27/06/2008	CHENNAI
10	264454	2836/CHE/20 08	18/11/2008		A DISPOSABLE BIO REACTOR SYSTEM	RAVINDRANATH GANDLUR and PRASADA RAO GANDLUR	27/11/2009	CHENNAI
L			1	0	Office Learne 1.02/01/2015	1	L	10057

11	264455	4675/CHENP/ 2008	03/02/2007	06/02/2006	AN ALBUMIN FUSED POLYPEPTIDE COMPRISING AT LEAST ONE FACTOR VII OR FACTOR VIIA POLYPEPTIDE	CSL BEHRING GMBH	13/03/2009	CHENNAI
12	264460	1861/CHENP/ 2007	31/10/2005	01/11/2004	SECURE TRANSMISSION OF WIRELESS CONTROL TO CENTRAL UNIT	STRYKER CORPORATION	31/08/2007	CHENNAI
13	264461	4275/CHENP/ 2008	14/02/2007	14/02/2006	MCP-1 BINDING NUCLEIC ACIDS	NOXXON PHARMA AG	13/03/2009	CHENNAI
14	264463	235/CHE/200 9	03/02/2009	04/06/2008	DOUBLE FED SYNCHRONOUS GENERATOR MOTOR	HITACHI MITSUBISHI HYDRO CORPORATION	25/06/2010	CHENNAI
15	264464	854/CHENP/2 008	20/07/2006	20/07/2005	METHOD FOR PREPARING AN ANTIGEN-LOADED IMMUNOGENIC CARRIER COMPLEX	APPLIED NANOSYSTEMS B.V	28/11/2008	CHENNAI
16	264465	5088/CHENP/ 2007	11/05/2006	11/05/2005	CROSSLAMINATE OF ORIENTED FILMS AND METHODS AND APPARATUS FOR MANUFACTURING SAME	RASMUSSEN, OLE-BENDT	30/05/2008	CHENNAI
17	264466	3863/CHENP/ 2008	22/01/2007	23/01/2006	POLYPEPTIDES HAVING LIPASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME	NOVOZYMES A/S ,NOVOZYMES, INC.	13/03/2009	CHENNAI
18	264468	346/CHENP/2 009	04/07/2007	19/07/2006	APPARATUS FOR CAPTURING AN IMAGE	HEMOCUE AB	05/06/2009	CHENNAI
19	264474	426/CHE/200 9	26/02/2009 16:52:57	27/03/2008	MOTORCYCLE WHEEL	HONDA MOTOR CO., LTD.	02/10/2009	CHENNAI
20	264475	2436/CHE/20 08	03/10/2008 16:56:11		A MECHANISM FOR SYNCHRONIZED OPERATION OF CLOSING AND OPENING OF A VACUUM BOTTLE SWITCHING DEVICE AND A SELECTOR DEVICE	SCHNEIDER ELECTRIC INDUSTRIES SAS	09/04/2010	CHENNAI
21	264476	1004/CHE/20 05	26/07/2005		DETECTING FOREIGN SUBSTANCES IN A STRAND- LIKE TEXTILE MATERIAL	Premier Evolvics Pvt. Ltd.	05/10/2007	CHENNAI
22	264477	2521/CHENP/ 2007	09/11/2005	12/11/2004	A METHOD FOR CONTINUOUSLY TREATING BIOMASS MATERIAL	MICHIGAN BIOTECHNOLO GY INSTITUTE	07/09/2007	CHENNAI
23	264478	2110/CHENP/ 2008	10/11/2006	22/11/2005	PRODUCTION OF GLYCOPROTEINS WITH REDUCED O-GLYCOSYLATION	GLYCOFI, INC	27/02/2009	CHENNAI
24	264484	1031/CHENP/ 2008	29/08/2006	29/08/2005	MILK MATERIAL EXCELLING IN FLAVOR AND PROPERTY AND PROCESS FOR PRODUCING THE SAME	MEIJI CO LTD	12/09/2008	CHENNAI
25	264490	6027/CHENP/ 2007	13/06/2006	28/06/2005	Novel isoquinoline derivatives useful in the treatment of diseases related to the inhibition of Rho kinase	SANOFI- AVENTIS	27/06/2008	CHENNAI
26	264492	2959/CHE/20 08	26/11/2008	26/11/2007	VESSELS WITH PERSONNEL ACCESS PROVISIONS	AIR PRODUCTS AND CHEMICALS, INC.	21/08/2009	CHENNAI

27	264493	3843/CHENP/ 2009	30/11/2007	01/12/2006	THE HAPLOTYPE OF MULTIPLE	CANON KABUSHIKI KAISHA	21/08/2009	CHENNAI
28	264496	1868/CHENP/ 2007	31/10/2005	02/11/2004	DECODING FOR AUDIO SIGNALS USING COMPLEX VALUED FILTER BANKS	KONINKLIJKE PHILIPS ELECTORNICS N.V. ,DOLBY INTERNATIONA L AB	31/08/2007	CHENNAI
29	264500	128/CHE/200 7	19/01/2007		ASSEMBLY OF A TWO-	R & D, TVS MOTOR COMPANY LIMITED	28/11/2008	CHENNAI
30	264505	2285/CHE/20 08	18/09/2008 15:43:26	21/09/2007		CANON KABUSHIKI KAISHA	11/09/2009	CHENNAI
31	264508	2549/CHENP/ 2007	13/12/2005	13/12/2004	A METHOD AND APPARATUS FOR DATA TRANSMISSION	KONINKLIJKE PHILIPS ELECTRONICS N. V.	07/09/2007	CHENNAI
32	264523	6091/CHENP/ 2008	03/05/2007	10/05/2006		NOVOZYMES A/S	27/03/2009	CHENNAI
33	264524	932/CHE/200 4	20/09/2004		METHOD AND EQUIPMENT FOR DETERMINING FIBRE FINENESS	UNNIKRISHNA VINOD KURUP	04/03/2005	CHENNAI
34	264525	4108/CHENP/ 2006	20/04/2005	24/05/2004	PROCESS FOR PRODUCING COCOA POLYPHENOL CONCENTRATE	NATRACEUTIC AL, S.A	15/06/2007	CHENNAI

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)	Appropriate Office
1	264391	5286/KOLNP /2008	30/05/2007	31/05/2006	ABSORBENT ARTICLE AND METHOD FOR MANUFACTURING ABSORBENT ELEMENT	DAIO PAPER CORPORATION	27/03/2009	KOLKATA
2	264393	1367/KOLNP /2009	07/09/2007	07/10/2006	METHOD AND DEVICE FOR SERVING AND/OR STORING PRODUCTS, PROVIDED WITH TRANSPONDERS	KHS GmbH	29/05/2009	KOLKATA
3	264394	2122/KOL/20 08	08/12/2008	11/12/2007	METHOD OF TREATING NANO PARTICLES USING A PROTON EXCHANGE MEMBRANE AND LIQUID ELECTROLYTE CELL	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	19/06/2009	KOLKATA
4	264396	1268/KOLNP /2007	08/11/2005	08/11/2004	A CABLE PLUG FOR A COAXIAL CABLE AND A METHOD FOR MOUNTING CABLE PLUG	HUBER & SUHNER AG.	20/07/2007	KOLKATA
5	264398	4497/KOLNP /2008	11/05/2007	11/05/2006	APPARATUS AND METHOD FOR PROVIDING RELAY LINK ZONE INFORMATION IN A MULTI-HOP RELAY BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO. LTD.	13/03/2009	KOLKATA
6	264399	272/KOL/200 9	13/02/2009		PROCESS FOR CONDUCTING DEHYDRATION REACTION USING METAL NANOPARTICLES	ARNAB DE ,AMIT SAXENA,AJEET KUMAR,SUBHO MOZUMDAR	06/03/2009	KOLKATA
7	264402	4332/KOLNP /2008	23/03/2007	30/03/2006	PROCESS AND DEVICE FOR MANUFACTURING A COMPOSITE STRAND	OCV INTELLECTUAL CAPITAL, LLC.	06/03/2009	KOLKATA
8	264404	2213/KOLNP /2007	26/10/2005	16/11/2004	SWITCHING CIRCUIT WHICH IS USED TO OBTAIN A DOUBLED DYNAMIC RANGE	DISENO DE SISTEMAS EN SILICIO, S.A.	17/08/2007	KOLKATA
9	264405	3616/KOLNP /2007	20/03/2006	01/04/2005	TRANSMITTING APPARATUS AND TRANSMITTING METHOD	NTT DOCOMO INC	30/05/2008	KOLKATA
10	264406	3509/KOLNP /2007	28/03/2006	28/03/2005	METHOD AND APPARATUS FOR RECONFIGURING A COMMON CHANNEL	LG ELECTRONICS INC	18/01/2008	KOLKATA
11	264407	939/KOLNP/ 2009	22/09/2006	22/09/2006	METHOD FOR GENERATING A FAULT SIGNAL INDICATING A FAULT PRESENT IN A SECONDARY CURRENT TRANSFORMER CIRCUIT, AND DIFFERENTIAL PROTECTIVE DEVICE	SIEMENS AKTIENGESELL SCHAFT	22/05/2009	KOLKATA

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12	264408	893/KOLNP/ 2007	14/10/2005	19/10/2004	A DC EXTRACTING ARRANGEMENT	POWERWAVE TECHNOLOGIES SWEDEN AB	13/07/2007	KOLKATA
13	264409	3444/KOLNP /2006	28/09/2005	15/10/2004	ARRANGEMENT FOR MONITORING AN INSTALLATION FOR THERMAL LOADING.	ABB Patent GmbH	15/06/2007	KOLKATA
14	264412	203/KOL/200 9	05/02/2009 11:19:40	12/03/2008	SECURING SAFETY-CRITICAL VARIABLES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	18/09/2009	KOLKATA
15	264413	923/KOLNP/ 2009	13/09/2007	18/09/2006	A COMPOUND FOR USE AS METATHESIS CATALYST	UMICORE AG & CO. KG	22/05/2009	KOLKATA
16	264414	2583/KOLNP /2008	28/11/2006	30/12/2005	ILLUMINATED TOUCHPAD	APPLE INC.	30/01/2009	KOLKATA
17	264415	2653/KOLNP /2007	29/12/2005	30/12/2004	PIPERAZINYL AND PIPERIDINYL UREAS AS MODULATORS OF FATTY ACID AMIDE HYDROLASE	JANSSEN PHARMACEUTI CA N.V.	31/08/2007	KOLKATA
18	264416	498/KOLNP/ 2008	28/07/2006	29/07/2005	PHARMACEUTICAL COMPOSITIONS FOR THE PREVENTION AND TREATMENT OF COMPLEX DISEASES AND THEIR DELIVERY BY INSERTABLE MEDICAL DEVICES	RESVERLOGIX CORP.	08/08/2008	KOLKATA
19	264418	3914/KOLNP /2006	06/07/2005	14/07/2004	A LUMINESCENT SUBSTANCE, SECURITY PAPER, SECURITY ELEMENT, VALUE DOCUMENT AND A METHOD OF PRODUCING A VALUE DOCUMENT	GIESECKE & DEVRIENT GMBH	22/06/2007	KOLKATA
20	264419	2543/KOLNP /2006	07/12/2004	18/02/2004	A WATER PRESSURE TRANSFER ARTICLE.	TAICA CORPORATION	01/06/2007	KOLKATA
21	264421	1412/KOLNP /2009	08/11/2007	09/11/2006	NOVEL INHIBITORS OF GLUTAMINYL CYCLASE	PROBIODRUG AG	29/05/2009	KOLKATA
22	264432	2246/KOLNP /2009	21/12/2007	22/12/2006	BICYCLIC PYRIMIDINONES AND USES THEREOF	AVEXA LIMITED	03/07/2009	KOLKATA
23	264433	3543/KOLNP /2008	26/12/2007	27/12/2006	INK-MEDIA SET, INK COMPOSITION, INK CARTRIDGE, INKJET RECORDING METHOD, INKJET RECORDING APPARATUS, AND INK RECORDED MATTER	RICOH COMPANY, LTD.	20/02/2009	KOLKATA
24	264437	4663/KOLNP /2008	25/04/2007	28/04/2006	METHOD FOR TRANSESTERIFICATION OF ESTERS	KRAUSE- ROHM- SYSTEME AG	13/03/2009	KOLKATA
25	264438	201/KOL/200 9	05/02/2009 11:19:40	12/03/2008	SINGLE-PHASE FULL BRIDGE BOOST CONVERTER SYSTEMS AND METHODS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	18/09/2009	KOLKATA
26	264439	977/KOLNP/ 2008	24/07/2007	28/07/2006	IMAGE FORMATION APPARATUS	RICOH COMPANY, LTD.	19/12/2008	KOLKATA

		5079/KOLNP			METHOD AND ARRANGEMENT	NOKIAN		
27	264440	/2007	29/06/2006	01/07/2005	FOR TRIGGERING A SERIES SPARK GAP	CAPACITORS OY	18/07/2008	KOLKATA
28	264441	1968/KOL/20 08	06/11/2008 16:23:21	29/11/2007	METHOD AND SYSTEM FOR SENSORLESS CONTROL OF AN ELECTRIC MOTOR	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	12/06/2009	KOLKATA
29	264442	1121/KOLNP /2007	05/10/2005	08/10/2004	SECONDARY BATTERY HAVING AN IMPROVED SAFETY	LG CHEM, LTD.	13/07/2007	KOLKATA
30	264443	196/KOLNP/ 2009	12/07/2007	19/07/2006	PRESSURE DETECTION DEVICE	CONTINENTAL AUTOMOTIVE GMBH	01/05/2009	KOLKATA
31	264444	1936/KOL/20 08	03/11/2008	18/12/2007	LIQUID-COOLED INVERTER ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC	26/06/2009	KOLKATA
32	264451	327/KOLNP/ 2009	10/09/2007	08/09/2006	USER EQUIPMENT, CALL CONTINUITY APPLICATION SERVER, AND NETWORK HANDOVER METHOD	HUAWEI TECHNOLOGIES CO., LTD.	08/05/2009	KOLKATA
33	264456	1935/KOL/20 08	03/11/2008 15:49:33	07/11/2007	ROTATING ELECTRIC MACHINE APPARATUS AND METHOD OF ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC	05/06/2009	KOLKATA
34	264458	236/KOLNP/ 2007	23/08/2005	02/09/2004	CONNECTING ELEMENT, CONNECTION AND METHOD FOR PRODUCING A CONNECTION BETWEEN SERVICE SWITCHING DEVICES	ABB PATENT GMBH	29/06/2007	KOLKATA
35	264467	570/KOL/200 6	09/06/2006	07/09/2005	SPATIALLY CORRELATED AUDIO IN MULTIPOINT VIDEOCONFERENCING	POLYCOM, INC.	22/06/2007	KOLKATA
36	264479	3505/KOLNP /2007	08/03/2006	11/03/2005	OPERATING INNER CABLE	HI-LEX CORPORATION	01/02/2008	KOLKATA
37	264482	1191/KOL/20 06	07/11/2006		ZERO REJECTION OF LIME DURING LANCE CHANGING IN MAERZ KILN.	TATA STEEL LIMITED,	27/04/2007	KOLKATA
38	264485	506/KOL/200 9	20/03/2009 16:33:22	24/04/2008	HARMONIC TORQUE RIPPLE REDUCTION AT LOW MOTOR SPEEDS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	30/04/2010	KOLKATA
39	264486	2110/KOL/20 08	04/12/2008 15:37:19	18/01/2008	APPARATUS AND SYSTEMS FOR COMMON MODE VOLTAGE-BASED AC FAULT DETECTION, VERIFICATION AND/OR IDENTIFICATION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	31/07/2009	KOLKATA
40	264487	3696/KOLNP /2008	12/03/2007	13/03/2006	ELECTRON BEAM RECORDING APPARATUS	RICOH COMPANY, LTD.,CRESTEC CORPORATION	20/02/2009	KOLKATA
41	264489	1181/KOL/20 06	07/11/2006	17/11/2005	A METHOD OF PRODUCING AN ALKALI METAL SILICATE MATERIAL	J.M. HUBER CORPORATION	20/07/2007	KOLKATA

42	264491	219/KOL/200 9	09/02/2009 16:37:35	05/03/2008	HIGH-VOLTAGE VEHICLE FAULT DETECTION METHOD AND APPARATUS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	11/09/2009	KOLKATA
43	264502	4282/KOLNP /2008	17/04/2007	18/04/2006	BENZOAZEPIN-OXY-ACETIC ACID DERIVATIVES AS PPAR- DELTA AGONISTS USED FOR THE INCREASE OF HDL-C, LOWER LDL-C AND LOWER CHOLESTEROL	JANSSEN PHARMACEUTI CA N.V.	06/03/2009	KOLKATA
44	264509	189/KOL/200 5	21/03/2005		PROCESS AND SYSTEM FOR EFFICIENT ASSIMILATION OF LIME FINES IN SINTER MIX	STEEL AUTHORITY OF INDIA LIMITED	01/12/2006	KOLKATA
45	264510	1196/KOLNP /2007	05/10/2005	05/10/2004	GUIDE ELEMENT FOR GRIPPER TRANSPORT ELEMENT OF A WEAVING MACHINE	PICANOL N.V.	20/07/2007	KOLKATA
46	264511	1175/KOL/20 08	07/07/2008		A CORRELATION SEARCH- BASED HOT SLAB LENGTH MEASUREMENT SYSTEM ADAPTABLE IN A CONTINUOUS CASTING SUB PROCESS	TATA STEEL LIMITED	15/01/2010	KOLKATA
47	264517	244/KOL/200 8	12/02/2008		A STEEL COMPOSITION FOR PRODUCING SUPERIOR QUALITY CONCAST BILLETS FAVOURING REDUCTION OF OFF-CORNER INTERNAL CRACKING AND A METHOD THEREOF	STEEL AUTHORITY OF INDIA LIMITED	28/08/2009	KOLKATA
48	264520	505/KOL/200 9	20/03/2009 16:33:22	24/04/2008	HIGH-VOLTAGE BUS DISCHARGE WITH LOGARITHMIC SELF- PROTECTION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	30/04/2010	KOLKATA

CONTINUED TO PART-3

CONTINUED FROM PART-2

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	190770	04.12.2014
2.	192381	11.12.2014
3.	192422	04.12.2014
4.	192423	04.12.2014
5.	196251	04.12.2014
6.	194719	11.12.2014
7.	195578	11.12.2014
8.	195579	11.12.2014
9.	196282	11.12.2014
10.	196353	11.12.2014
11.	196370	11.12.2014
12.	196410	11.12.2014
13.	197310	11.12.2014
14.	197740	11.12.2014
15.	198260	22.12.2014

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of THE HIMALAYA DRUG COMPANY registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
192031	09-01	HIMALAYA GLOBAL
		HOLDINGS LTD., A
		COMPANY
		INCORPORATED
		UNDER THE LAWS OF
		CAYMAN ISLANDS,
		WHOSE PRINCIPAL
		OFFICE IS AT 106
		ELIZABETHAN
		SQUARE, P.O. BOX 1162,
		GRAND CAYMAN KY1-
		1102, CAYMAN
		ISLANDS

RESTORATION OF LAPSED DESIGNS UNDER SECTION 12 (2) OF THE DESIGNS ACT, 2000

An application made under Section 12 (2) of the Designs act, 2000 on **31.07.2013**, for Restoration of **Design No.192422 dated 23.06.2003** in the name of **MOLD-TEK TECHNOLOGIES LTD.**, **AN INDIAN COMPANY**, **WHITE HOUSE**, **402/1**, 4TH **FLOOR**, **6-3-1192/1/1**, **KUNDANBAGH**, **BEGUMPET**, **HYDERABAD-500016** (A.P.), **INDIA** has been allowed.

An application made under Section 12 (2) of the Designs act, 2000 on **31.07.2013**, for Restoration of **Design No.192423 dated 23.06.2003** in the name of **MOLD-TEK TECHNOLOGIES LTD.**, **AN INDIAN COMPANY**, **WHITE HOUSE**, **402/1**, 4TH **FLOOR**, **6-3-1192/1/1**, **KUNDANBAGH**, **BEGUMPET**, **HYDERABAD-500016** (A.P.), **INDIA** has been allowed.

REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	· · ·	0717	
CLASS	09	9-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE (OF 100 DEFOREST AVENUE, EA STATES OF AMERICA			
DATE OF REGISTRATION	28/0	2/2014	
TITLE	CONT	ΓAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	
DESIGN NUMBER	26	0180	
CLASS	10	0-04	
431009 M.S. INDIA; (2) DR. GURAV ADDRESS 110, SHANKAR TOWNSI GHULEWADI, SANGAMNER, TAL M.S. INDIA, AND (3) MR. SHAIKH HAVING ADDRESS MAHATMA TAL: SANGAMNER DIST: AHMEDN			
DATE OF REGISTRATION	06/0	2/2014	
TITLE		ING INSTRUMENT FOR /EYING	
PRIORITY NA			
DESIGN NUMBER	26	0296	
CLASS	2.	3-01	
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTOR UNITED KINGDOM	CB		
DATE OF REGISTRATION	12/0	2/2014	
TITLE	FILTER ASSEMBLY	FOR WATER PURIFIER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002295667-0001	23/08/2013	OHIM	

DESIGN NUMBER	2		25064	48	
CLASS			12-0	8	
1)MAN TRUCK & OF DACHAUER ST					F los sur d
DATE OF REGISTRATION			03/01/2	*	
TITLE	D	RIVERS	S CAB C VEHIC	OF A UTILITY CLE	Quere and PTTT
PRIORITY PRIORITY NUMBI 001335236	ER	DATE 04/07/2		COUNTRY OHIM	
DESIGN NUMBER	2			260527	
CLASS				12-08	
KANAGAWA-KEN DATE OF REGISTRATION TITLE PRIORITY NA			2	21/02/2014 CAR	
DESIGN NUMBER		2595	91		
CLASS		06-0	14	- 93	· · ·
1)PAUL HETTIC OF VAHRENKA 32278 KIRCHLENG	MPSTR	H & CO ASTRA). KG, SSE 12-	16,	
DATE OF REGISTRATION		23/01/2	2014		
TITLE	FUF	RNITUR	E RACH	<u> </u>	
PRIORITY				- Contraction	
PRIORITY NUMBI			COUN	TRY	
002282160-0003	26/0	07/2013	OHIM		and the second second

DESIGN NUMBER		24843	37	
CLASS		15-0	3	
1)JOHN DEERE (TIANJIN) PROI LTD. NO. 89, 13TH AVENUE, TEDA, 7				
DATE OF REGISTRATION		03/10/2	012	Service State
TITLE	Т	FRACK COMBINI	EHARVESTER	
PRIORITY				
PRIORITY NUMBER	DA	ATE	COUNTRY	
201230131101.4	25/	/04/2012	CHINA	December (10
DESIGN NUMBER		20	50696	
CLASS		(9-03	
INCORPORATED IN THE STATE OF 100 DEFOREST AVENUE, EA STATES OF AMERICA DATE OF REGISTRATION		ANOVER, NEW JE		
TITLE			TAINER	
PRIORITY		001		
PRIORITY NUMBER	Ι	DATE	COUNTRY	
29/465,596	2	29/08/2013	U.S.A.	
DESIGN NUMBER		2:	57959	
CLASS		3	31-00	
1) PEPSICO, INC., INCORPORAT 700 ANDERSON HILL ROAD, PU OF AMERICA				
DATE OF REGISTRATION		04/	11/2013	11.7
TITLE		DISI	PENSER	1 hours
PRIORITY				
PRIORITY NUMBER	Ι	DATE	COUNTRY	
29/453,964	C	03/05/2013	U.S.A.	

DESIGN NUMBER	26	1113	
CLASS	29	-02	
1)3M INNOVATIVE PROPERTIES IN THE STATE OF DELAWARE OF 3M CENTER, SAINT PAUL, M			
DATE OF REGISTRATION	19/0.	3/2014	Λ
TITLE	RESPIRATO	R FACE SEAL	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/467,797	24/09/2013	U.S.A.	
DESIGN NUMBER	26	3034	
CLASS	07	-06	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	LACE OF BUSINESS AT		
DATE OF REGISTRATION	02/0	5/2014	
TITLE	CAKE	SERVER	
PRIORITY NA			
DESIGN NUMBER	26)556	
CLASS	23	-03	÷ 1
1)THERMAX LIMITED, A COMP. COMPANIES ACT, AT D 13, MIDC INDUSTRIAL AREA, MAHARASHTRA, INDIA.			
DATE OF REGISTRATION	21/02	2/2014	
TITLE	BO	ILER	
PRIORITY NA			AN AND

DESIGN NUMBER	260621	
CLASS	01-99	
1)ANSARI TRADING CO., DO SAJ PUMP, TANDA ROAD, HOSHIARP AN INDIAN PROPRIETORSHIP F BEING INDIAN NATIONALS OF TH		
DATE OF REGISTRATION	26/02/2014	
TITLE	JAGGERY-BLOCK	
PRIORITY NA		
DESIGN NUMBER	261622	
CLASS	06-01	0
UNDER THE PROVISION OF INDL ADDRESS AT 5 CORPORATE AVENUE, 'B' WII GOREGAON (EAST), MUMBAI-4000		
DATE OF REGISTRATION	09/04/2014	
TITLE	CHAIR	1 1
PRIORITY NA		1 1
DESIGN NUMBER	258409	
CLASS	09-03	
1)STC INDIA PVT. LTD., A-505, W HIGHWAY, BORIVLI (E), MUMBA INDIAN NATIONAL OF SHRI PA	Carlos and a second	
DATE OF REGISTRATION	27/11/2013	and the
TITLE	BOX	
PRIORITY NA		

DESIGN NUMBER		261374	
CLASS		14-03]
1) IDOIT CO., LTD., NOS. 635, 637, 639, SIHEUNG-SI, GYEONG KOREA		7 SANGIDAEHAK-RO, REA, NATIONALITY:	
DATE OF REGISTRATION		28/03/2014	
TITLE	S	ATELLITE ANTENNA	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
30-2014-0006539	10/02/2014	REPUBLIC OF KOREA	1 Action of the second se
DESIGN NUMBER		262496	
CLASS		15-03	
DATE OF REGISTRATION TITLE	GEA	09/05/2014 AR BOX FOR PADDY-STRA	W
PRIORITY NA			Y
DESIGN	261797		Y
PRIORITY NA DESIGN NUMBER CLASS	261797 08-06		Ĩ
DESIGN NUMBER CLASS 1)GODREJ & BOYC LTD. OF LOCKS DIVISION PIROJSHANAGAR, VI MUMBAI – 400 079, MAHARASHTRA, IND COMPANY	08-06 E MFG. CO. (PLANT-18), KHROLI,		
DESIGN NUMBER CLASS 1)GODREJ & BOYC LTD. OF LOCKS DIVISION PIROJSHANAGAR, VI MUMBAI – 400 079, MAHARASHTRA, IND COMPANY DATE OF REGISTRATION	08-06 E MFG. CO. (PLANT-18), KHROLI, DIA, INDIAN 16/04/2014		
DESIGN NUMBER CLASS 1)GODREJ & BOYC LTD. OF LOCKS DIVISION PIROJSHANAGAR, VI MUMBAI – 400 079, MAHARASHTRA, IND COMPANY DATE OF REGISTRATION	08-06 E MFG. CO. (PLANT-18), KHROLI, DIA, INDIAN		

DESIGN NUMBER		260630	
CLASS		14-02	
1) METTLER-TOLEDO AG, A COL UNDER THE LAWS OF SWITZERL OF IM LANGACHER 44, CH-8606			
DATE OF REGISTRATION	20	5/02/2014	
TITLE	ELECTRO	ONIC TERMINAL	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002298513	28/08/2013	OHIM	
DESIGN NUMBER		259599	
CLASS		06-04	
1)PAUL HETTICH GMBH & CO. I OF VAHRENKAMPSTRASTRASS		HLENGERN, GERMANY	
DATE OF REGISTRATION	23	3/01/2014	
TITLE	FURN	ITURE RACK	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002282160-0011	26/07/2013	OHIM	
DESIGN NUMBER		260706	
CLASS		09-03	_
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE O OF 100 DEFOREST AVENUE, EAS STATES OF AMERICA			
DATE OF REGISTRATION	28	8/02/2014	
TITLE	СО	NTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	

DESIGN NUMBER		260100	
CLASS		09-07	•
1) BECTON DICKINSON FRANCE THE LAWS OF FRANCE, OF RUE ARISTIDE BERGÈS, 3880			
DATE OF REGISTRATION	04	4/02/2014	
TITLE	BLOCKING CLO	SURE FOR CONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002286815-0001	05/08/2013	OHIM	-
DESIGN NUMBER		261418	
CLASS		24-02	
UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFIC HIGH TECH CAMPUS 5, 5656 AE DATE OF REGISTRATION TITLE	CE ADDRESS IS EINDHOVEN, THE N 0	·	
PRIORITY	CANNO		
PRIORITY NUMBER	DATE	COUNTRY	
002321851-0001	08/10/2013	OHIM	
DESIGN NUMBER		262680	
CLASS		13-02	
1) EXIDE INDUSTRIES LIMITED, 59E, CHOWRINGHEE ROAD, KO INDIAN COMPANY			
DATE OF REGISTRATION	10	5/05/2014	
TITLE	В	ATTERY	
PRIORITY NA			

DESIGN NUMBER	2	260505	
CLASS		12-16	
1)TVS MOTOR COMPANY LIMIT UNDER THE COMPANIES ACT, 19 "JAYALAKSHMI ESTATES", 29 (0 006, TAMIL NADU, INDIA	56, HAVING ITS REG	SISTERED OFFICE AT	
DATE OF REGISTRATION	20,	/02/2014	
TITLE	ENGINE BRACKE	Γ FOR TWO WHEELERS	
PRIORITY NA			0
DESIGN NUMBER	2	258545	
CLASS		07-01	
1) MR. MANU MEHRA, AN INDIA G-15, JANGPURA EXTN., NEW D		ESIDENT OF	
DATE OF REGISTRATION	03,	/12/2013	
TITLE	CHAI	FING DISH	
PRIORITY NA			
DESIGN NUMBER	2	260705	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE C OF 100 DEFOREST AVENUE, EAS STATES OF AMERICA			
DATE OF REGISTRATION	28/	/02/2014	
TITLE	CON	NTAINER	\wedge
PRIORITY		I	
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	

DESIGN NUMBER	2		260894	
CLASS			13-01	SHEET NO: 1
1) VEDPRAKASH 203, NAINDHAI AHMEDABAD-380	RA, NR. GNFO	C INFO TOWER, S.	G. ROAD, BODAKDEV	
DATE OF REGIST	RATION		11/03/2014	
TITLE			WINDMILL	
PRIORITY NA				
DESIGN NUMBER			260983	
CLASS			12-16	
ORGANIZED UND	ER THE LAV	TATION GMBH, A WS OF GERMANY 1, 10785 BERLIN, G	,	Areat stations lines (manufacture Con
DATE OF REGIST	RATION	1	4/03/2014	
TITLE		DIVIDER FC	OR VEHICLE CABIN	
PRIORITY PRIORITY NUMBI 002311845-0001	ER	DATE 18/09/2013	COUNTRY OHIM	E
DESIGN NUMBER		261417		
CLASS		07-02		~
ORGANIZED AND LAWS OF THE KI NETHERLANDS, I WHOSE POST-OF HIGH TECH CA THE NETHERLAND	EXISTING UNDERSIGNATION OF NGDOM OF RESIDING A' FICE ADDRI MPUS 5, 5656	THE T EINDHOVEN,		
DATE OF REGISTRATION	01	/04/2014	$(\land$	
TITLE	SANDV	WICHMAKER	200	
PRIORITY PRIORITY NUMBI 002319467-0001	ER DATE 02/10/2	COUNTRY 013 OHIM		

DESIGN NUMBER		262627	
CLASS		15-03	Some of
1) MILLTEC MACHINERY PRIV NO. 51-A, 1ST PHASE KIADB IN 560099, STATE OF KARNATAKA, I	IDL AREA, BOMMASA		
DATE OF REGISTRATION	15	5/05/2014	
TITLE	RICE	POLISHER	
PRIORITY NA			
DESIGN NUMBER		262677	
CLASS		13-02	
1)EXIDE INDUSTRIES LIMITEE 59E, CHOWRINGHEE ROAD, KO		T BENGAL, INDIA, AN	
INDIAN COMPANY			
INDIAN COMPANY DATE OF REGISTRATION	16	5/05/2014	
		5/05/2014 ATTERY	
DATE OF REGISTRATION			
DATE OF REGISTRATION TITLE	B		
DATE OF REGISTRATION TITLE PRIORITY NA	B	ATTERY	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	B. CRMAN COMPANY O	ATTERY 250630 12-08	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MAN TRUCK & BUS AG, A GE	B. CRMAN COMPANY O JNICH, GERMANY	ATTERY 250630 12-08	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MAN TRUCK & BUS AG, A GE DACHAUER STR. 667, 80995 MU	ERMAN COMPANY OF JNICH, GERMANY 03	ATTERY 250630 12-08 F	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MAN TRUCK & BUS AG, A GE DACHAUER STR. 667, 80995 MU DATE OF REGISTRATION	ERMAN COMPANY OF JNICH, GERMANY 03	ATTERY 250630 12-08 F 3/01/2013	
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MAN TRUCK & BUS AG, A GE DACHAUER STR. 667, 80995 MU DATE OF REGISTRATION TITLE	ERMAN COMPANY OF JNICH, GERMANY 03	ATTERY 250630 12-08 F 3/01/2013	

DESIGN NUMBER		260504	
CLASS		12-16	
1)TVS MOTOR COMPANY LIMI UNDER THE COMPANIES ACT, 19 "JAYALAKSHMI ESTATES", 29 (600006, TAMIL NADU, INDIA	56, HAVING ITS RE	GISTERED OFFICE AT	A
DATE OF REGISTRATION	20	0/02/2014	
TITLE	FRONT WHEEL R	IM FOR MOTORCYCLES	
PRIORITY NA			
DESIGN NUMBER		258680	
CLASS		25-02	
1)MANAGEMENT AND CONSUL 77/38, NAVINS APARTMENTS, F CHENNAI 600018			
DATE OF REGISTRATION	11	1/12/2013	
TITLE		RITY MESH SANDWICHED L ASSEMBLY	
PRIORITY NA			
DESIGN NUMBER		260707	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE OF 100 DEFOREST AVENUE, EA STATES OF AMERICA	OF DELAWARE, U.S.	А.,	
DATE OF REGISTRATION	28	8/02/2014	
TITLE	СО	NTAINER	\leq
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	

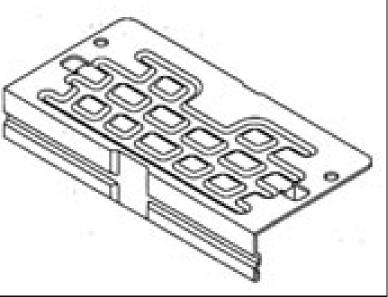
DESIGN NUMBER	262681	
CLASS	13-02	\sim
1) EXIDE INDUSTRIES LIMITER 59E, CHOWRINGHEE ROAD, KO INDIAN COMPANY), DLKATA-700020, WEST BENGAL, INDIA, AN	ACCOR
DATE OF REGISTRATION	16/05/2014	
TITLE	BATTERY	
PRIORITY NA		
DESIGN NUMBER	260506	
CLASS	12-16	
006, TAMIL NADU, INDIA	(OLD NO. 8) HADDOWS ROAD, CHENNAI 600 20/02/2014	
DATE OF REGISTRATION	20/02/2014	
TITLE	ENGINE GUARD	
PRIORITY NA		- Poor
DESIGN NUMBER	258583	
CLASS	09-05	
1)SHIV SHANKAR SETH AN INI J-34, LAJPAT NAGAR-3, NEW D	DIAN NATIONAL WHO HAS HIS ADDRESS AS DELHI-110024, INDIA	
DATE OF REGISTRATION	06/12/2013	the second se
TITLE	POUCH	Distance of the law
PRIORITY NA		International Association of Control of Cont

DESIGN NUMBER		260664	
CLASS		08-06	
1)(1) SANJAYBHAI RAVJIBHAI P SAKHIYA (3) PRAVINBHAI VALJI ADULT & INDIAN NATIONAL) PA PARTNER SHIP FIRM) HAVING PI AT: PARMESHWAR MAIN ROAD ROAD (SOUTH), RAJKOT-GUJARAT	BHAI KAPADIYA (A RTNERS OF SHIV S LACE OF BUSINESS), OP: JAYANT CAST	LL THE PARTNERS A HAKTI METAL (INDIA	RE
DATE OF REGISTRATION	23	3/02/2014	
TITLE	ŀ	IANDLE	
PRIORITY NA			
DESIGN NUMBER		260709	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE O OF 100 DEFOREST AVENUE, EAS STATES OF AMERICA			
DATE OF REGISTRATION		8/02/2014	
TITLE	CO	NTAINER	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013 U.S.A.		
DESIGN NUMBER		255192	
CLASS		27-99	
1)ALTRIA CLIENT SERVICES IN LAWS OF THE STATE OF NEW YC OF 6601 WEST BROAD STREET,			
DATE OF REGISTRATION		1/07/2013	
TITLE	ELECTRONIC	SMOKING ARTICLE	
PRIORITY		COUNTRY	(C)
PRIORITY NUMBER	DATE	COUNTRY	
29/443,134	14/01/2013	U.S.A.	

DESIGN NUMBER		26010	08		
CLASS		25-0	2		
1)HITECH ALUM (I) FABR OFFICE AT WZ-69/C, TODAPUR, MAI 110011, INDIA, AN INDIAN C	N TOE	DAPUR ROAD, N	IEW DELHI-		
DATE OF REGISTRATION		04/02/2			
TITLE	F	BASE PLATE FO		T	
PRIORITY NA					
DESIGN NUMBER			260366		
CLASS			23-02		
1)TATTVA ART HARDWA PLOT #14, SECTOR 37, PA					
DATE OF REGISTRATION			17/02/2014		
TITLE			TOWEL HOLDER		
PRIORITY NA					
DESIGN NUMBER		25	7856		
CLASS		24	4-02		
1)OSTOMYCURE AS, A CO EXISTING UNDER THE LAV OF GAUSTADALLEEN 21.	VOF	NORWAY,		ß	
DATE OF REGISTRATION		29/10	0/2013	Ja h	
TITLE	AD	APTOR FOR AN	OSTOMY IMPLANT	JA 1	
PRIORITY					
PRIORITY NUMBER		DATE	COUNTRY		
735299001		30/04/2013	WIPO	1	
<u> </u>		L	1		

DESIGN NUMBER			261679				
CLASS							
1)HYUNDAI MOT 231, YANGJAE-D OF KOREA, A KORE	ONC	G, SEOCHO-K	U, SEG	OUL, REP	UBLIC		
DATE OF REGISTRATION	4/2014						
TITLE		PA	SSEN	GER CAR	l	4	
PRIORITY NA						all a	
DESIGN NUMBER	N NUMBER 260997						
CLASS		25-02					
1)HITACHI META 4-2, TOKYO 2-CH 1358363 JAPAN, A CU ORGANIZED UNDER DATE OF	IOM ORP	E, KOTO-KU, ORATION DU	TOKY JLY JAPAN		5	1	
REGISTRATION			-			~	
TITLE	LII	D FOR OPENI PAN		FLOOR	1	99	
PRIORITY NUMBER 2013-021507	2	DATE 17/09/2013	COU JAPA	INTRY AN			
DESIGN NUMBER			262448	3			
CLASS			12-16				
1)DEERE & COMI ONE JOHN DEER 8098 USA							
DATE OF REGISTRATION		07	7/05/20	14			
TITLE		FENDER UN	IT FOI	R A VEHI	CLE		
					CLE	Settle House	







DESIGN NUMBER	260364	
CLASS	23-02	
1)TATTVA ART HAR DESIGNWISE INDIA P PLOT #14, SECTOR 3 122001,		
DATE OF REGISTRATION	17/02/2014	and the
TITLE	TOILET PAPER HOLDER	2/
PRIORITY NA		6
DESIGN NUMBER	260508	
CLASS	12-16	
REGISTERED OFFICE "JAYALAKSHMI ES' CHENNAI 600 006, TAM DATE OF REGISTRAT TITLE PRIORITY NA	TATES", 29 (OLD NO. 8) HADDOWS IIL NADU, INDIA ION 20/02/2014 FRAME FOR TWO WH	ROAD,
DESIGN NUMBER	260584	_
CLASS	12-16	
BOMBAY HOUSE, 24	MITED, AN INDIAN COMPANY OF 4 HOMI MODY STREET, HUTATMA 001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	24/02/2014	
TITLE	SENSOR MOUNTING BRACKET FOR VEHICLES	
PRIORITY NA		

	2	260704	
CLASS	(09-03	
1)INTERCONTINENTAL GRI INCORPORATED IN THE STA OF 100 DEFOREST AVENUE UNITED STATES OF AMERICA DATE OF REGISTRATION TITLE PRIORITY	TE OF DELAWARI , EAST HANOVER, 28/	E, U.S.A.,	
PRIORITY NUMBER	DATE	COUNTRY	Y)
29/465,596	29/08/2013	U.S.A.	
DESIGN NUMBER		260361	
CLASS		08-06	
1)TATTVA ART HARDWARE PLOT #14, SECTOR 37, PACE			A PVT LTD,
DATE OF REGISTRATION		17/02/2014	
TITLE		DOOR HAND	DLE
			幹
DESIGN NUMBER			
DESIGN NUMBER	262676		
CLASS	13-02		
	13-02 T ED, , KOLKATA-700020,		
CLASS 1)EXIDE INDUSTRIES LIMIT 59E, CHOWRINGHEE ROAD	13-02 T ED, , KOLKATA-700020,	, WEST	
CLASS 1)EXIDE INDUSTRIES LIMIT 59E, CHOWRINGHEE ROAD BENGAL, INDIA, AN INDIAN CO DATE OF	13-02 T ED, , KOLKATA-700020, OMPANY	, WEST 4	

DESIGN NUMBER		25062	9	
CLASS		12-08	3	
1)MAN TRUCK & BUS A DACHAUER STR. 667, 8			7	
DATE OF REGISTRATION	N	03/01/2	013	
TITLE	DRIVERS C	CAB OF A U	TILITY VEHICL	E M INTE
PRIORITY				
PRIORITY NUMBER	DATE		COUNTRY	
001335236	04/07/201	2	OHIM	LD 7-LA
DESIGN NUMBER	2604	89		
CLASS	08-0)6		
AND INDIAN NATIONAL) ENTERPRISE (INDIAN PA PLACE OF BUSINESS AT-7/4, PARSANA SOCI ATIKA, RAJKOT-360002-GI	ARTNERSHIP FIRM IETY, DHEBAR ROA) HAVING		
DATE OF REGISTRATION	20/02/2	2014		
TITLE	HANI	DLE		
PRIORITY NA	1			
DESIGN NUMBER	26	0694		
CLASS	09	9-03		
1)INTERCONTINENTAL INCORPORATED IN THE OF 100 DEFOREST AVE 07936, UNITED STATES OF	STATE OF DELAW ENUE, EAST HANOV	ARE, U.S.	A.,	
DATE OF REGISTRATION	28/02	2/2014		
TITLE	CONT	AINER		\sim \sim
PRIORITY PRIORITY NUMBER 29/465,596	DATE 29/08/2013	COUNT U.S.A.	RY	

DESIGN NUMBER	20	60839	
CLASS	1	15-99	2
1)SANDVIK INTELLECTUAL P SE-811 81 SANDVIKEN, SWED		MPANY	No o V
DATE OF REGISTRATION	07/0	03/2014	A hand
TITLE	CR	USHER	
PRIORITY PRIORITY NUMBER 001384416-0001	DATE 20/09/2013	COUNTRY OHIM	
DESIGN NUMBER		262244	
CLASS		05-05	
ACT, 1956, AND HAVING ITS'S R RELIABLE HOUSE, SITUATED KANJURMARG (WEST), OPP. HUN INDIA DATE OF REGISTRATION TITLE PRIORITY NA	AT HANUMAN SILH MA MALL, MUMBAI	K MILL COMPOUND,	A,
DESIGN NUMBER		257957	
CLASS		31-00	
1) PEPSICO, INC., INCORPORA 700 ANDERSON HILL ROAD, P OF AMERICA			ATES
DATE OF REGISTRATION		04/11/2013	
TITLE		DISPENSER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	P
29/453,962	03/05/2013	U.S.A.	E
		·	

DESIGN NUMBER	2	61584	
CLASS	(06-10	
1)(1) ROHITBHAI J. HARSOD INDIAN NATIONAL PARTNERS PARTNERSHIP FIRM., HAVINO SHRI HARI INDUSTRIAL MA RAJKOT, GUJARAT-INDIA	S OF M/S. BARAK STEI G ITS PRINCIPAL PLAC	EL., AN INDIAN CE OF BUSINESS AT	
DATE OF REGISTRATION	08/	04/2014	
TITLE	CURT	AIN BLIND	
PRIORITY NA			
DESIGN NUMBER		262146	
CLASS		12-15	·
1)COMPAGNIE GENERALE D COMPANY OF 12 COURS SABL AND MICHELIN RECHERCHE ROUTE LOUIS BRAILLE 10, C	ON, F-63000, CLERMO ET TECHNIQUE S.A., A	NT-FERRAND, FRAM A SWISS COMPANY	NCE, OF
DATE OF REGISTRATION	3	0/04/2014	
TITLE	TI	RE TREAD	
PRIORITY PRIORITY NUMBER 29/473,595	DATE 25/11/2013	COUNTRY U.S.A.	
	2,005	40	
DESIGN NUMBER CLASS	2605		
1)D. P. ENTERPRISES OF 2240 NAGAR, LUDHIANA-141010 (PU AN INDIAN PROPRIETORSHI DARSHAN SINGH, INDIAN NAT	//5, MOHINDERA COL(J NJAB), INDIAN, IP FIRM WHOSE PROPR	DNY, MOTI IETOR IS S.	
DATE OF REGISTRATION	21/02/2	2014	A A A A A A A A A A A A A A A A A A A
TITLE	WHEEL OF TROLLE GOO		
PRIORITY NA			

DESIGN NUMBER		260603	
CLASS		09-02	
1)MRS. JYOTI BHARDWAJ NAT FOODS (INDIAN) WHOES ADDRE VILLAGE-LEKHRAJPUR, TEHSI	SS IS		
DATE OF REGISTRATION	2	6/02/2014	
TITLE		CAN	The second second
PRIORITY NA			C
DESIGN NUMBER		259397	
CLASS		07-02	
1) PANKAJ MALIK, INDIAN BY N 7A ASHOKA APPTS., 7 RAJPUR		4	
DATE OF REGISTRATION	1.	5/01/2014	2 CINT
TITLE	LU	INCH BOX	
PRIORITY NA			
DESIGN NUMBER		229897	
CLASS		13-03	
1)BTICINO S.P.A., VIA MESSINA, 38-20154 MILAN	O ITALY, AN ITALIA	N COMPANY	
DATE OF REGISTRATION	2	2/06/2010	
TITLE		TE FOR ELECTRICAL PAPRATUS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001189872	23/12/2009	OHIM	

DESIGN NUMBER		260695					
CLASS			09-0	03			
1)INTERCONTINENTAL GR INCORPORATED IN THE STA OF 100 DEFOREST AVENUE STATES OF AMERICA	TE OF	DELAWARE	, U.S.A.	,	ITED	K	7
DATE OF REGISTRATION			28/02/2	2014			
TITLE			CONTA				\checkmark
							1
PRIORITY		<u></u>		1			
PRIORITY NUMBER		DATE		COUNTRY			
29/465,596		29/08/2013		U.S.A.			\checkmark
DESIGN NUMBER		20	0304				
DESIGN NUMBER							
CLASS 1)JENOPTIK INDUSTRIAL M		LOGY GERM		MBH,	-		
OF ALTE TUTTLINGER STF SCHWENNINGEN, GERMANY	RABE 20	, 78056 VILLI	NGEN-				and the second
DATE OF REGISTRATION		13/02	2/2014				and the second second
TITLE		GA	AGE				THE RUNDSH
PRIORITY					-		and the second
PRIORITY NUMBER	DA	TE	COUN	NTRY		ll and the	
40 2013 100 851.2	16/	08/2013	GERN	IANY		140	and a
DESIGN NUMBER			2579	58			
CLASS			31-0	0			
1) PEPSICO, INC., INCORPO 700 ANDERSON HILL ROAI STATES OF AMERICA						1	
DATE OF REGISTRATION			04/11/2	013			
TITLE			DISPEN	ISER			
							E
PRIORITY PRIORITY NUMBER	PRIORITY						
29/453,963		DATE COUNTRY 03/05/2013 U.S.A.				18	
		1					

DESIGN NUMBER		250651							
CLASS			21-0	01					
1)MAN TRUCK & BUS AG DACHAUER STR. 667, 80				OF			1		
DATE OF REGISTRATION			03/01/2	2013			15	7	
TITLE		DRIVE	ER'S CAB OF VEHI	A TOY UTIL CLE	ITY	191			51
							0=5		<u>F</u>
PRIORITY PRIORITY NUMBER		DATE		COUNTRY		1	1 -	7/8	12
						5	-U REINERSE	L'AL	-A
001335236		04/07/	2012	OHIM			III	701	I AL
							267		ĮU
DESIGN NUMBER			260552						
CLASS			25-02		1	2			
1)USG INTERIORS, LLC (550 WEST ADAMS STREI USA		CAGO,	ILLINOIS 60	661-3676,	6	$\frac{1}{2}$	~		
DATE OF REGISTRATION			21/02/2014		~	\leq	1		
TITLE			ERIMETER		_				
PRIORITY									
PRIORITY NUMBER	DATE	E COUNTRY						1	0
417967	22/08/2	2013	NEW ZEA	LAND]				\checkmark
DESIGN NUMBER				260620					
CLASS				08-09				-	
1)MONGA BROTHERS LI 141010 (PUNJAB) (INDIA) (AN INDIAN COMPANY 1 1956) OF THE ABOVE ADDR	DULY R		ERED UNDE	R THE COMP			2		
DATE OF REGISTRATION				26/02/2014					
TITLE			HEADS FOR	R GATES AND	O GRILLS				
PRIORITY NA									

DESIGN NUMBER		259594		
CLASS		06-04		
1) PAUL HETTICH OF VAHRENKAM KIRCHLENGERN, G	IPSTRASTRAS			\langle
DATE OF REGISTRATION 23/01/2014				
TITLE	FURNITURE RACK			
PRIORITY				XXX
PRIORITY NUMBER DATE		COUNTRY		
002282160-0007	26/07/2	013 OHIM		YM .
DESIGN NUMBER			258506	
CLASS			09-01	1
A/III/2F, METRO SHASMAL ROAD, K DATE OF REGISTR	OLKATA-7000		EX, P-247, DESHAPRAN L 29/11/2013	
TITLE		THERMO FLASK		T The sea
PRIORITY NA				
DESIGN NUMBER	2	59845		
CLASS		13-03		
1)M/S. V-GUARD I COMPANY INCORI COMPANIES ACT (33/2905 F, VENNA VENNALA, KOCHI -	PORATED UN DF 1956 WHOS ALA HIGH SCH	DER THE SE ADDRESS IS HOOL ROAD,		A
DATE OF REGISTRATION	30/	01/2014		Contraction of the
TITLE	POWER S	SUPPLY UNIT		
PRIORITY NA				

DESIGN NUMBER	260	0036		
CLASS	08	-05		
1)TATA MOTO INDIAN COMPAN BOMBAY HOU STREET, HUTATM MUMBAI 400001, INDIA	NY OF JSE, 24 HO MA CHOW	MI MODY K,	-	
DATE OF REGISTRATION	03/02	2/2014	C	and the second
TITLE		REMOVAL OOL		
PRIORITY NA				
DESIGN NUMBE	R	26	60964	
CLASS		1	4-01	
1)SONY CORPO ORGANIZED AN JAPAN, OF 1-7-1 KONAN,	D EXISTIN	NG UNDER T	HE LAWS OF	
DATE OF REGISTRATION		14/0	03/2014	
TITLE		AUDIO PLA	YER FOR CAR	
PRIORITY PRIORITY NUME 201330652229.X	BER	DATE 27/12/2013	COUNTRY CHINA	
DESIGN NUMBE	R	261	145	
CLASS		10-	.02	SOLONIAS AREA DO LAR THE REAL DO
1) TURLEN HOI C/O SIPO S.A., SOYHIÈRES, SWI	CHEMIN I	DU CHÂTEAU	MPANY, J 26A, 2805	10 miles
DATE OF REGISTRATION		20/03	/2014	Contraction of the second
TITLE		WA	ГСН	CARE BERNER
PRIORITY PRIORITY NUME 779121601	BER	DATE 05/12/2013	COUNTRY WIPO	

DESIGN NUMBER 259269 CLASS 08-66 JKUSHAL KARYASHLA PRIVATE LIMITED (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT 1956), 1, RAJ NAGAR ENCLAVE, PITAM PURA, DELH-110034 (INDIA) Integration of the indian company of the indicator indian company of the indiany indiany indian company of the indin company of the indian compan					
IKUSHAL KARYASHALA PRIVATE LIMITED (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT 1956), I, RAJ NAGAR ENCLAVE, PITAM PURA, DELHI-LI0034 (MDIA) DATE OF REGISTRATION 07.01/2014 TITLE HOOK FOR HANGING DEVICE PRIORITY NA DESIGN NUMBER CASS IGAIN AGRICULTURE INDUSTRIES, V.P.O. IKOLAHA, TEHSIL KHANNA, DISTL JUDIIANA-JAH40I (PUNAB) INDIA AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:-PARAMIT SINGH BEING INDIAN NATIONALS OF THE ABOVE ADDRESS DATE OF REGISTRATION 090/5/2014 TITLE GEAR BOX FOR PADDY-STRAW CUTTING MACHINE PRIORITY NA DATE OF REGISTRATION OPS/2014 TITLE GEAR BOX FOR PADDY-STRAW CUTTING MACHINE PRIORITY NA DESIGN NUMBER DESIGN NUMBER CLASS CLASS DATE OF REGISTRATION PRIORITY NA DESIGN NUMBER DATE OF REGISTRATION <tr< th=""><th>DESIGN NUMBER</th><th></th><th>259269</th><th></th><th></th></tr<>	DESIGN NUMBER		259269		
INCORPORATED UNDER THE INDIAN COMPANIES ACT 1950, I. RAJ NAGAR ENCLAVE, PITAM PURA, DELHI-110034 (INDIA) DATE OF REGISTRATION 07/01/2014 TITLE HOOK FOR HANGING DEVICE PRIORITY NA DESIGN NUMBER 262497 CLASS 15-03 IJGIAN ACRICULTURE INDUSTRIES, V.P.O. IKOLAHA, TEHSIL KHANNA, DISTT. LUDHIANA-141401 (PUNIAB) INDIA AN IRDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- PARAMIT SINGH BEING INDIAN NATIONALS OF THE ABOVE ADDRESS DATE OF REGISTRATION 09/05/2014 TITLE GEAR BOX FOR PADDY-STRAW CUTTING MACHINE PRIORITY NA DESIGN NUMBER 250658 CLASS 2.1-01 IJMAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF IRE, 67, 80995 MUNICH, GERMANY DATE OF IRE, 67, 80995 MUNICH, GERMANY DATE OF IRE STR. 667, 80995 MUNICH GERMANY DATE OF IRE STR. 677, 80995 MUNICH GERMANY DATE OF IRE STR. 677	CLASS	08-06			
TITLE HOOK FOR HANGING DEVICE PRIORITY NA Image: Constraint of the state of the	INCORPORATED UNDER	THE INDIAN CO	MPANIES ACT 195	6),	
PRIORITY NA Design number 262497 CLASS 15-03 1503 JIGIAN AGRICULTURE INDUSTRIES, V.P.O. IKOLAHA, TEHSIL KHANNA, DISTT. LUDHIANA-14401 (PUNJAB) INDIA AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- PRAMIT SIIGH BEIRG INDIAN NATIONALS OF THE ABOVE ADDRESS DATE OF REGISTRATION 09/05/2014 TITLE GEAR BOX FOR PADDY-STRAW CUTTING MACHINE MACHINE	DATE OF REGISTRATION		07/01/201	4	
DESIGN NUMBER 262497 CLASS 15-03 IJGIAN AGRICULTURE INDUSTRIES, V.P.O. KOLAHA, TEHSIL KHANNA, DISTT. LUDHIANA-141401 (PUNJAB) INDIA AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS: PARAMIT SINGH BEING INDIAN NATIONALS OF THE ABOURSS DATE OF REGISTRATION 09/05/2014 TITLE GEAR BOX FOR PADDY-STRAW CUTTING MACHINE PRIORITY NA DESIGN NUMBER 250658 21-01 IJMAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DACHAUER STR. 667, 80995 MUNICH, GERMANY DACHAUER STR. 667, 80995 MUNICH, GERMANY PILIE DRIVER'S CAB OF A TOY UTILITY VEHICLE DRIVER'S CAB OF A TOY UTILITY	TITLE		HOOK FOR HANGE	NG DEVICE	
CLASS 15-03 1)GIAN AGRICULTURE INDUSTRIES, V.P.O. IKOLAHA, TEHSIL KHANNA, DISTT. LUDHIANA-141401 (PUNJAB) INDIA AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- PARAMIIT SINGH BEING INDIAN NATIONALS OF THE ABOVE ADDRESS DATE OF REGISTRATION 09/05/2014 TITLE GEAR BOX FOR PADDY-STRAW CUTTING MACHINE PRIORITY NA 09/05/2014 DESIGN NUMBER 250658 CLASS 21-01 IJMAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF F 03/01/2013 TITLE DRIVER'S CAB OF A TOY UTILITY VEHICLE VEHICLE	PRIORITY NA				
IJGIAN AGRICULTURE INDUSTRIES, V.P.O. IKOLAHA, TEHSIL KHANNA, DISTT. LUDHIANA-141401 (PUNJAB) INDIA AN INDIAN POPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- PARAMIT SINGH BEING INDIAN NATIONALS OF THE ABOVE ADDRESS DATE OF REGISTRATION 09/05/2014 TITLE GEAR BOX FOR PADDY-STRAW CUTTING MACHINE PRIORITY NA DESIGN NUMBER 250658 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVER'S CAB OF A TOY UTILITY VEHICLE	DESIGN NUMBER		262497		
KHANNA, DISTI, LUDHIANA.141401 (PUNJAB) INDIA AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- PARAMITI SINGH BEING INDIAN NATIONALS OF THE ABOVE ADDRESS DATE OF REGISTRATION 09/05/2014 TITLE GEAR BOX FOR PADDY-STRAW CUTTING MACHINE PRIORITY NA Design number DESIGN NUMBER 250658 CLASS DATE OF REGISTRATION DATE OF REGISTRATION DIMINCH, GERMANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION DIVER'S CAB OF A TOY UTILITY VEHICLE	CLASS		15-03		
TITLE GEAR BOX FOR PADDY-STRAW CUTTING MACHINE PRIORITY NA Image: Constraint of the state of	KHANNA, DISTT. LUDHIA AN INDIAN PROPRIETO	<mark>NA-141401 (PUN</mark> RSHIP FIRM WH	(JAB) INDIA IOSE PROPRIETOR I	S:-	Caller on
IIILE MACHINE PRIORITY NA Image: Constraint of the second sec	DATE OF REGISTRATION		09/05/2014		Hitelogram
DESIGN NUMBER 250658 CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY OF DATE OF REGISTRATION 03/01/2013 TITLE DRIVER'S CAB OF A TOY UTILITY VEHICLE OF	TITLE	GEAR BOX		W CUTTING	
CLASS 21-01 1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION DRIVER'S CAB OF A TOY UTILITY VEHICLE	PRIORITY NA			1	Y
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION 03/01/2013 TITLE DRIVER'S CAB OF A TOY UTILITY VEHICLE	DESIGN NUMBER	25	50658		
DACHAUER STR. 667, 80995 MUNICH, GERMANY DATE OF REGISTRATION DRIVER'S CAB OF A TOY UTILITY VEHICLE				0.06	
REGISTRATION 03/01/2013 TITLE DRIVER'S CAB OF A TOY UTILITY VEHICLE				F	(the second sec
TITLE VEHICLE		03/0	01/2013	h	
PRIORITY	TITLE			81_	
PRIORITY NUMBER DATE COUNTRY 001335236 04/07/2012 OHIM					

DESIGN NUMBER	26047	4			
CLASS	25-02				
1)M/S. DIAMON LIMITED, A CON INCORPORATEL COMPANIES AC' PLACE OF BUSIN AT #4, CORPO COMPLEX, PROJE ROAD, SHENOY N 030, INDIA	IPANY) UNDER IND T, 1956, HAVI NESS RATION SHOI ECT-II, BREWI	IAN NG PPING ERY			
DATE OF REGISTRATION	19/02/2014		-	ALC: NOT	C TO TO TO THE OWNER OF THE OWNER
TITLE	FRAME FOR SYSTE		3		
PRIORITY NA					
DESIGN NUMBE	R		260	568	
CLASS	CLASS		26-	03	
1) ARNOLD & R OF TÜRKENSTRA COMPANY.				CO BETRIEBS KG	
DATE OF REGIST	FRATION		21/02/2014		
TITLE			SPOTL	SPOTLIGHT	
PRIORITY PRIORITY NUME 40 2013 100 868.7	BER	DA 21/0	TE 08/2013	COUNTRY GERMANY	
DESIGN NUMBE	R		2594	-32	
CLASS			14-01		
	R MORYA PA	RK, BEH	HIND HYUNDA	ICE AT JI SHOWROOM, 3, MAHARASHTRA,	
DATE OF REGIST	FRATION		16/01/2	2014	1000000
TITLE			DOOR	BELL	100000000
PRIORITY NA					

DESIGN NUMBER		2	258531		
CLASS	15-09			E	
1)RELO-B LTD. (A PRIVATE L EXISTING UNDER THE LAWS C OFFICE AT: 1, OBORISHTE STREET, ENTR)F BUI	LGARIA), HAVI	NG ITS	REGISTERED	
DATE OF REGISTRATION		03/	/12/2013		
TITLE	C	CRUSHING PARTICLE FOR GRINDING MACHINE			
PRIORITY					
PRIORITY NUMBER		DATE	CO	UNTRY	
DM/081 103	1	05/06/2013	WI	PO	
DESIGN NUMBER			259951		
CLASS			12-16		
1) TATA MOTORS LIMITED, A BOMBAY HOUSE, 24 HOMI M 400001, MAHARASHTRA, INDIA				OWK, MUMBAI	
DATE OF REGISTRATION		3	31/01/20	14	
TITLE		CENTRAL CO	NSOLE	OF A VEHICLE	
PRIORITY NA DESIGN NUMBER	_		260250		
			260359		
CLASS		08-06			_
1)TATTVA ART HARDWARE, PLOT #14, SECTOR 37, PACE (DIA PVT LTD,	
DATE OF REGISTRATION		1	17/02/20	14	
TITLE		DOC	OR HAN	IDLE	
PRIORITY NA					
DESIGN NUMBER			260974		
CLASS			13-03		
1)ABB FRANCE, A COMPANY OF 3 AVENUE DU CANADA, I COURTABOEUF CEDEX, FRANCI	MMEU				E,
DATE OF REGISTRATION		1	14/03/20	14	
TITLE		ELECTR	RIC CON	INECTOR	
PRIORITY					
PRIORITY NUMBER		DATE	C	OUNTRY	
002 312 603-0004		19/09/2013 OHIM			the state of the state of the state

DESIGN NUMBER		261149			
CLASS		06-01			
1)FORMWAY FURNITURE LIMI 43B SEAVIEW ROAD, SEAVIEW					
DATE OF REGISTRATION	20	0/03/2014	a		
TITLE		CHAIR			
PRIORITY					
PRIORITY NUMBER	DATE	COUNTRY	0		
29/467,559	20/09/2013	U.S.A.			
DESIGN NUMBER		259301			
CLASS		24-02			
1)MEDIMOP MEDICAL PROJECT ISRAEL, OF 17 HATIDHAR STREET, P.O. 1 DATE OF REGISTRATION	BOX 2499, 43665 RA'.		1-00		
TITLE	LIQUID TRANSFEI	R DEVICE FOR INFUSION CONTAINERS			
PRIORITY			e.		
PRIORITY NUMBER	DATE	COUNTRY			
54442	07/08/2013	ISRAEL			
DESIGN NUMBER		258142			
CLASS		13-03			
	1)ABB OY, A COMPANY OF FINLAND OF STRÖMBERGINTIE 1, FI-00380 HELSINKI, FINLAND				
DATE OF REGISTRATION	13	3/11/2013			
TITLE	CONN	ECTION BAR	Dinke		
PRIORITY					
PRIORITY NUMBER	DATE	COUNTRY			
002292250	15/08/2013	OHIM			

DESIGN NUMBER	260477	
CLASS	11-02	1100 P00111 LONA
LUIS AVENUE, LOS ALT GOKHALE, INDIAN NAT 'ANANDI' BHANDARKA MAHARASHTRA, INDIA NATIONAL, 826 SHIVAJ BHANDARKAR ROAD L MAHARASHTRA, INDIA (4) NACHIKET GOLE,	ANE 13, PUNE-411004,	
DATE OF REGISTRATION	19/02/2014	References
TITLE	PLANT TRAY FOR GROWING PLANTS	E
PRIORITY NA		The second
DESIGN NUMBER	260572	
CLASS	07-02	
SHUBH POLY PLAST HA SURVEY NO. 234/2 &	DEEPALI ARORA, PARTNERS OF AVING THEIR OFFICE AT 235/2, JAIN MANDIR ROAD, OPP. RUMENTS, DADRA-396193 (U.T. OF D 24/02/2014 CASSEROLE	&
DESIGN NUMBER	257647	
CLASS	09-03	
PRAKASH P. VARMORA ALL INDIAN NATIONAL PLASTECH PVT. LTD., A UNDER THE COMPANIE PRINCIPLE PLACE OF I SURVEY/BLOCK NO. 86 PO. VASNA CHACHA PRESS, BAVLA-CHANGC TAL: SANAND, DIST: AH DATE OF REGISTRATION TITLE	EL, (2). BHUMIKA D. PATEL, (3). AND (4). KALPESH A. PATEL., DIRECTORS OF VARMORA COMPANY INCORPORATED ES ACT, 1956., HAVING ITS BUSINESS AT, PLOT NO. 3, RVADI, NR. DIVYA BHASKAR DAR-AHMEDABAD HIGHWAY, MEDABAD-382213. GUJARAT-INDIA 22/10/2013 CONTAINER	
PRIORITY NA		

DESIGN NUMBER		258816	
CLASS		25-01	
1)VSP UDYOG PRIVATE LIMITI "CENTRE POINT", 21, HEMAN KOLKATA-700 001, AN INDIAN PR			
DATE OF REGISTRATION		18/12/2013	
TITLE	CONS	TRUCTION ROD	
PRIORITY NA			
DESIGN NUMBER		260289	
CLASS		29-02	1
1)3M INNOVATIVE PROPERTIE IN THE STATE OF DELAWARE O 3M CENTER, SAINT PAUL, MIN	F NESOTA 55133-3427	', U.S.A.	
DATE OF REGISTRATION		12/02/2014	
TITLE		MASK	\checkmark
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
00201302886	13/08/2013	INDONESIA	
DESIGN NUMBER		263159	
CLASS		26-05	
1)M/S GLOWMAC (PARTNERSH F-6 GEETANJALI ENCLAVE, NE		NDIA	
DATE OF REGISTRATION		06/06/2014	K S S K K S R
TITLE	W	ALL LIGHT	
PRIORITY NA			

DESIGN NUMBER		257350		
CLASS		08-09		
1)SHIVA STEEL INDUSTRIES, OI C-12, SITE C, SURAJPUR INDUST		ER NOIDA		
DATE OF REGISTRATION	09	0/10/2013		
TITLE	DOOR	PARTITION		
PRIORITY NA				
DESIGN NUMBER		262526		
CLASS	ASS 08-07			
1)ARUN ENTERPRISES, B-48, SIT DISTGHAZIABAD-201010, U.P., IN (AN INDIAN PARTNERSHIP FIRM SH. ARUN DHIR & SH. C. L. DHIR. A ADDRESS	I DIA. M WHOSE PARTNER:	S ARE:- SH. TARUN DHIR,		
DATE OF REGISTRATION	12	2/05/2014		
TITLE	PUSI	H FIT LOCK		
PRIORITY NA				
DESIGN NUMBER		261958		
CLASS		15-04		
1) JC BAMFORD EXCAVATORS I LAKESIDE WORKS, ROCESTER, UNITED KINGDOM				
DATE OF REGISTRATION	23	3/04/2014		
TITLE		JB-ASSEMBLY FOR AN CAVATOR		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
001388086	24/10/2013	OHIM		

DESIGN NUMBER		259590	
CLASS		06-04	
1)PAUL HETTICH GMBH & CO. I OF VAHRENKAMPSTRASTRASS			
DATE OF REGISTRATION	2	3/01/2014	
TITLE	FURN	ITURE RACK	
PRIORITY	TT		
PRIORITY NUMBER	DATE	COUNTRY	
002282160-0001	26/07/2013	OHIM	
DESIGN NUMBER		253896	
CLASS		09-99	
ADDRESS AT 1107, HEMKUNT HOUSE, 6 RAJE DATE OF REGISTRATION TITLE PRIORITY NA	1	HI-110 008, INDIA 6/05/2013 HFT BOX	
DESIGN NUMBER		260697	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE C OF 100 DEFOREST AVENUE, EAS STATES OF AMERICA			
DATE OF REGISTRATION	2	8/02/2014	
TITLE	CC	NTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465, 596	29/08/2013	U.S.A.	

DESIGN NUMBER			,	260030	
CLASS	LASS				
V2 CORP., A PARTNE MERCHANTS, WHOS	ERSH SE AL	IP FIRM, IND DRESS IS	IAN, MANUFA	ARTNERS TRADING AS CTURERS AND CLHI-110015, INDIA	AR
DATE OF REGISTRA	TION	1	03	/02/2014	
TITLE				JAR	
PRIORITY NA					
DESIGN NUMBER				262412	
CLASS	CLASS			09-01	
1)PARIS PERFUME COMPANY INCORPO BARODA-JAMBUS 391440, DIST. BAROD)RAT AR N	T ED UNDER T I. H. WAY ROA	HE COMPANIE AD, AT & PO. D.		
DATE OF REGISTRA	TION	1	07/05/2014		
TITLE			CC	NTAINER	
PRIORITY NA					
DESIGN NUMBER		2628		_	
CLASS		14-0	1	+	
1)ALLEN & HEATH KERNICK INDUST CORNWALL, TR10 9L NATIONALITY: GB	RIES	ESTATE, PEN		- THE REAL	States of the
DATE OF REGISTRATION		23/05/2			ministralla
TITLE		AUDIO MIX	NG DESK		- in the second
PRIORITY					
PRIORITY NUMBER		DATE	COUNTRY		
002352765-0001 27/11/2013 OHIM			OHIM		

DESIGN NUMBER		260941	
CLASS		09-03	
1)ROSE PLASTIC AG, RUPOLZER STRASSE 53, 88138			
DATE OF REGISTRATION	1.	3/03/2014	
TITLE	PACKAG	NG CONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002310268-0001	16/09/2013	OHIM	
DESIGN NUMBER		262161	
CLASS		02-04	
1)1) SHRIYANS BHANDARI, 2) F 1426, FLORA COMPLEX, BHUV BOTH INDIAN NATIONALS)1, RAJASTHAN, INDIA,	
DATE OF REGISTRATION	30	0/04/2014	
TITLE	S	LIPPERS	
PRIORITY NA			
DESIGN NUMBER		250654	
CLASS		21-01	
1)MAN TRUCK & BUS AG, A GE		F	
DACHAUER STR. 667, 80995 MU	JNICH, GERMANY		
DACHAUER STR. 667, 80995 MU DATE OF REGISTRATION		3/01/2013	
	0.	3/01/2013 DF A UTILITY VEHICLE	
DATE OF REGISTRATION	0.		
DATE OF REGISTRATION TITLE	0.		

DESIGN NUMBER	260557	
CLASS	23-03	
COMPANIES ACT, AT	ANY INCORPORATED UNDER THE INDIAN R. D. AGA ROAD, CHINCHWAD, PUNE-411 019,	
DATE OF REGISTRATION	21/02/2014	A A A A A A A A A A A A A A A A A A A
TITLE	BOILER	
PRIORITY NA		
DESIGN NUMBER	259273	
CLASS	09-01	
PARK, LOWER PAREL (W), MUMI INDIA, / A PRIVATE LIMITED COMPAN COMPANIES ACT., ABOVE ADDRE		
DATE OF REGISTRATION	07/01/2014	
TITLE	BOTTLE	and the second se
PRIORITY NA		
DESIGN NUMBER	262069	
CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT IT HANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400 078 MAHARASHTRA,	
DATE OF REGISTRATION	25/04/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	2	250660	
CLASS		21-01	
1)MAN TRUCK & BUS AG, A GEI DACHAUER STR. 667, 80995 MU		7	
DATE OF REGISTRATION	03.	/01/2013	67 //511
TITLE	DRIVERS CAB OF A	A TOY UTILITY VEHICLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001335236	04/07/2012	OHIM	
DESIGN NUMBER	2	261955	
CLASS		15-04	
1) JC BAMFORD EXCAVATORS I LAKESIDE WORKS, ROCESTER, UNITED KINGDOM			
DATE OF REGISTRATION	23.	/04/2014	
TITLE		B-ASSEMBLY FOR AN CAVATOR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001388086	24/10/2013	OHIM	
DESIGN NUMBER	2	260476	
CLASS		12-08	
1)DAIMLER AG, A CORPORATIO LAWS OF GERMANY, OF MERCEDESSTRASSE 137, D-7			E
DATE OF REGISTRATION	19	/02/2014	C. A.
TITLE		CAR	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
DM/081639	21/08/2013	WIPO	

NUMBER		260643							
CLASS	1	24-01						0.82	~
1)ACCLARENT, THE DELAWARE 1525B O'BRIEN CALIFORNIA 9402	E OF N DRIVE, MEN		OF				/	L	g.
DATE OF REGISTRATION	27	7/02/2014				R	/	A	Y.
TITLE	MEDICA	AL INFLATC	DR		1	ar	1	_	
PRIORITY				1		Ø	/		
PRIORITY NUMB	ER DATE	COUN	TRY	Sec.	19-			1.0	
29/466,466	09/09/20	013 U.S.A.		00	(C				
				\sim					
DESIGN NUMBER	R	2576	45						
CLASS		09-0)3		and the local diversion of				
		DANK THOM		ATEL., ORA					
PLASTECH PVT. UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CH PRESS, BAVLA-CH TAL: SANAND, DI INDIA	C E OF BUSINF N O. 86, HACHARVADI HANGODAR-A	F, 1956., HAV ESS AT, PLC I, NR. DIVYA AHMEDABA	ORPORA VING IT OT NO. 3 A BHASK D HIGH	ORA ATED IS 3, KAR IWAY,				0	
UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CH PRESS, BAVLA-CH TAL: SANAND, DI	MPANIES ACT CE OF BUSINE NO. 86, IACHARVADI HANGODAR-A	F, 1956., HAV ESS AT, PLC I, NR. DIVYA AHMEDABA	ORPORA VING IT OT NO. 3 A BHASK D HIGH . GUJAR	ORA ATED IS 3, KAR IWAY,				0	
UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CH PRESS, BAVLA-CH TAL: SANAND, DI INDIA DATE OF	MPANIES ACT CE OF BUSINE NO. 86, IACHARVADI HANGODAR-A IST: AHMEDA	F, 1956., HAV ESS AT, PLC I, NR. DIVYA AHMEDABA BAD-382213	DRPORA VING IT DT NO. 3 A BHASK D HIGH . GUJAR 2013	ORA ATED IS 3, KAR IWAY, RAT-				10-1	
UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CH PRESS, BAVLA-CH TAL: SANAND, DI INDIA DATE OF REGISTRATION	MPANIES ACT CE OF BUSINE NO. 86, IACHARVADI HANGODAR-A IST: AHMEDA	F, 1956., HAV ESS AT, PLC I, NR. DIVYA AHMEDABA BAD-382213 22/10/2	DRPORA VING IT DT NO. 3 A BHASK D HIGH . GUJAR 2013	ORA ATED IS 3, KAR IWAY, RAT-				0	
UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CH PRESS, BAVLA-CH TAL: SANAND, DI INDIA DATE OF REGISTRATION TITLE	MPANIES ACT CE OF BUSINE NO. 86, IACHARVADI HANGODAR-A IST: AHMEDA	F, 1956., HAV ESS AT, PLC I, NR. DIVYA AHMEDABA BAD-382213 22/10/2 HEN STORAC	DRPORA VING IT DT NO. 3 A BHASK D HIGH . GUJAR 2013	ORA ATED IS 3, KAR IWAY, RAT-					
UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CF PRESS, BAVLA-CF TAL: SANAND, DI INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN	MPANIES ACT CE OF BUSINE NO. 86, IACHARVADI HANGODAR-A IST: AHMEDA KITCH	F, 1956., HAX ESS AT, PLC I, NR. DIVYA AHMEDABA BAD-382213 22/10/2 HEN STORAC	DRPORA VING IT DT NO. 3 A BHASK D HIGH . GUJAR 2013	ORA ATED IS 3, KAR IWAY, RAT-					
UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CH PRESS, BAVLA-CH TAL: SANAND, DI INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	MPANIES ACT CE OF BUSINE NO. 86, IACHARVADI HANGODAR-A IST: AHMEDA IST: AHMEDA KITCH 2590 24-0 CROSTICS, INCORGANIZED R THE LAWS DRIVE, BUFFA	F , 1956. , HAV ESS AT , PLO I, NR. DIVYA AHMEDABA BAD-382213 22/10/2 HEN STORAC 006 01 C., A AND OF USA , ALO, NY	DRPORA VING IT DT NO. 3 A BHASK D HIGH . GUJAR 2013	ORA ATED IS 3, KAR IWAY, RAT-					
UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CH PRESS, BAVLA-CH TAL: SANAND, DI INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)IMMCO DIAG CORPORATION O EXISTING UNDEI OF 60 PINEVIEW I	MPANIES ACT CE OF BUSINE NO. 86, IACHARVADI HANGODAR-A IST: AHMEDA IST: AHMEDA KITCH 2590 24-0 CROSTICS, INCORGANIZED R THE LAWS DRIVE, BUFFA	F , 1956. , HAV ESS AT , PLO I, NR. DIVYA AHMEDABA BAD-382213 22/10/2 HEN STORAC 006 001 C. , A AND OF USA , ALO, NY ERICA	DRPORA VING IT DT NO. 3 A BHASK D HIGH . GUJAR 2013	ORA ATED IS 3, KAR IWAY, RAT-					
UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CH PRESS, BAVLA-CH TAL: SANAND, DI INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)IMMCO DIAG CORPORATION OF 60 PINEVIEW I 14228, UNITED ST DATE OF	MPANIES ACT CE OF BUSINE NO. 86, IACHARVADI HANGODAR-A IST: AHMEDA IST: AHMEDA KITCH 2590 24-0 CONOSTICS, INCONSTICS, INCONSTI	I, 1956., HAV ESS AT, PLO I, NR. DIVYA AHMEDABA BAD-382213 22/10/2 HEN STORAC 006 01 C., A AND OF USA, ALO, NY ERICA /2013 AL TESTING	DRPORA VING IT DT NO. 3 A BHASK D HIGH . GUJAR 2013	ORA ATED IS 3, KAR IWAY, RAT-					
UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CH PRESS, BAVLA-CH TAL: SANAND, DI INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)IMMCO DIAG CORPORATION OF 60 PINEVIEW I 14228, UNITED ST DATE OF REGISTRATION	MPANIES ACT CE OF BUSINE NO. 86, IACHARVADI. HANGODAR-A IST: AHMEDAI ST: AHMEDAI KITCH 2590 24-0 SNOSTICS, INCORGANIZED A R THE LAWS DRIVE, BUFFA CATES OF AME 26/12/ BIOMEDICA	I, 1956., HAV ESS AT, PLO I, NR. DIVYA AHMEDABA BAD-382213 22/10/2 HEN STORAC 006 01 C., A AND OF USA, ALO, NY ERICA /2013 AL TESTING	DRPORA VING IT DT NO. 3 A BHASK D HIGH . GUJAR 2013	ORA ATED IS 3, KAR IWAY, RAT-					
UNDER THE COM PRINCIPLE PLAC SURVEY/BLOCK PO. VASNA CH PRESS, BAVLA-CH TAL: SANAND, DI INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)IMMCO DIAG CORPORATION OF 60 PINEVIEW I 14228, UNITED ST DATE OF REGISTRATION TITLE	MPANIES ACT CE OF BUSINE NO. 86, IACHARVADI. HANGODAR-A IST: AHMEDAI ST: AHMEDAI KITCH 2590 24-0 ROSTICS, INCORGANIZED A R THE LAWS DRIVE, BUFFA CATES OF AME 26/12/ BIOMEDICA DEV.	I, 1956., HAV ESS AT, PLO I, NR. DIVYA AHMEDABA BAD-382213 22/10/2 HEN STORAC 006 01 C., A AND OF USA, ALO, NY ERICA /2013 AL TESTING	DRPORA VING IT DT NO. 3 A BHASK D HIGH . GUJAR 2013 GE CON'	ORA ATED IS 3, KAR IWAY, RAT-					

DESIGN NUMBER	259952	
CLASS	12-16	æ
1) TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOI 400001, MAHARASHTRA, INDIA	INDIAN COMPANY OF DY STREET, HUTATMA CHOWK, MUMBAI	
DATE OF REGISTRATION	31/01/2014	
TITLE	CENTRAL CONSOLE OF A VEHICLE	Res I
PRIORITY NA		
DESIGN NUMBER	260085	
CLASS	13-03	
1)AJANTA PRIVATE LIMITED, A ORPAT INDUSTRIAL ESTATE, R STATE OF GUJARAT, INDIA	N INDIAN COMPANY OF AJKOT-MORBI HIGHWAY, MORBI 363641,	
DATE OF REGISTRATION	03/02/2014	
TITLE	MODULE CASE FOR SWITCH	
PRIORITY NA		Front View
DESIGN NUMBER	260195	
CLASS	09-03	4100
INDIAN COMPANIES ACT, 1956 OI AT 8/3, ASAF ALI ROAD, NEW DEI	ENCE AT BALSARA HOUSE, 43 NAGINDAS	
DATE OF REGISTRATION	07/02/2014	
TITLE	CONTAINER	
PRIORITY NA		

DESIGN NUMBER		260360	
CLASS		08-06	
1)TATTVA ART HARDWARE, A PLOT #14, SECTOR 37, PACE CIT			
DATE OF REGISTRATION	1′	7/02/2014	
TITLE	DOC	OR HANDLE	
PRIORITY NA			
DESIGN NUMBER		256500	
CLASS		13-03	
1)ELMEX CONTROLS PVT. LTD. INDIAN COMPANIES ACT, HAVIN 12, GIDC ESTATE, MAKARPURA	G ITS REGISTEREI	O OFFICE AT,	
DATE OF REGISTRATION	10	6/09/2013	
TITLE	RELAY ON	E CHANGE OVER	
PRIORITY NA			
DESIGN NUMBER		259302	
CLASS		24-02	
1) MEDIMOP MEDICAL PROJEC ISRAEL, OF 17 HATIDHAR STREET, P.O. 1			
DATE OF REGISTRATION	09	9/01/2014	
TITLE	-	R DEVICE FOR INFUSIO CONTAINERS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
54443	07/08/2013	ISRAEL	

DESIGN NUMBER	20	51412	
CLASS	2	6-05	
1) R. STAHL SCHALTGERÄTE GM AM BAHNHOF 30, 74638 WALDE		A GERMAN COMPANY	
DATE OF REGISTRATION	31/0	03/2014	Contractor of the second second second
TITLE	LIGHTIN	IG FIXTURE	£
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002317784	30/09/2013	OHIM	
DESIGN NUMBER	2	50628	
CLASS	1	2-08	
1)MAN TRUCK & BUS AG, A GER DACHAUER STR. 667, 80995 MUN			
DATE OF REGISTRATION	03/0	01/2013	
TITLE	DRIVERS CAB OF	A UTILITY VEHICLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	6 Jacob CE CE
001335236	04/07/2012	OHIM	
DEGLON NUMBER		C0405	
DESIGN NUMBER		50485	_
CLASS		18-06	
1)PRAKASHBHAI KURJIBHAI VE AND SOLE PROPRIETOR OF SHRE PROPRIETORSHIP CONCERN) HA AT-7/4, PARSANA SOCIETY, DHE GUJARAT-(INDIA)	E RAM HARDWARE	(INDIAN SINESS	1
DATE OF REGISTRATION	20/0	02/2014	
TITLE	HA	NDLE	
PRIORITY NA			

	r			
DESIGN NUMBEI	R		258686	
CLASS			13-03	N
			ORPORATION OF 108-8333, JAPAN	Na
DATE OF REGIST	FRATION	11	/12/2013	1 and 1
TITLE	r		NG FOR AN ELECTRIC	
PRIORITY				A start
PRIORITY NUMB	ER	DATE	COUNTRY	
2013-013292		12/06/2013	JAPAN	6/
				~
DESIGN NUMBER	260232			
CLASS	08-05		1	
LIMITED, AN INI COMPANY INCO UNDER THE COM ACT, 1956, HAVIN REGISTERED OF "JAYALAKSH ESTATES", 8 HAI ROAD, CHENNAI	RPORATED MPANIES NG ITS FICE AT MI DOOWS	V	"	TYS CA
DATE OF REGISTRATION	10/02/2014		-	
TITLE	SPANNER			
PRIORITY NA				
DESIGN NUMBER	2605	507		
CLASS	12-1	16		the second states of
1)TVS MOTOR AN INDIAN COM INCORPORATED COMPANIES ACT REGISTERED OF "JAYALAKSHI NO. 8) HADDOWS 006, TAMIL NADU	PANY UNDER TH F, 1956, HAV FICE AT MI ESTATES ROAD, CHE	E ING ITS ", 29 (OLD		E
DATE OF REGISTRATION	20/02/2	2014	0-2-	
TITLE	FRAME AS FOR MOTO		5	
PRIORITY NA				Y

DESIGN NUMBER	257719	
CLASS	09-07	
VARMORA AND (4). KALPESH A. I DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NR	FECH PVT. LTD., A COMPANY	
DATE OF REGISTRATION	24/10/2013	
TITLE	CONTAINER LID	
PRIORITY NA		
DESIGN NUMBER	260112	
CLASS	25-02	
	DRS PVT. LTD., HAVING ITS OFFICE AT APUR ROAD, NEW DELHI-110011, INDIA, AN MPANY	
DATE OF REGISTRATION	04/02/2014	
TITLE	INSERT FOR BUILDINGS	
PRIORITY NA		
DESIGN NUMBER	260138	
CLASS	28-02	
COMPANIES ACT, 1956 OF	IPANY WITHIN THE MEANING OF THE RU ROAD, KOLKATA – 700 071, WEST BENGAL,	
DATE OF REGISTRATION	05/02/2014	
TITLE	SOAP BAR	
PRIORITY NA		

DESIGN NUMBER		257860	
CLASS		24-02	
1)OSTOMYCURE AS, A CORPOR THE LAW OF NORWAY, OF GAUSTADALLEEN 21, OSLO) AND EXISTING UNDER	
DATE OF REGISTRATION	29	0/10/2013	A Statement of the stat
TITLE	IMPLANT FOR OST	OMY SURGICAL PROCESS	
PRIORITY			Contraction of the second seco
PRIORITY NUMBER	DATE	COUNTRY	
735298701	30/04/2013	WIPO	
DESIGN NUMBER		261495	
CLASS		12-11	
1)INDIAN INSTITUTE OF TECH AN INDIAN INSTITUTE OF POW MAHARASHTRA, INDIA	AI, MUMBAI 400076,		dio
DATE OF REGISTRATION	-	2/04/2014	
TITLE	В	ICYCLE	
PRIORITY NA			
DESIGN NUMBER		264002	
CLASS		23-04	
1)RACO AUTO PVT. LTD., A CON COMPANIES ACT, 1956 AND HAV B-21, D.S.I.D.C. INDUSTRIAL CO DELHI-110041, INDIA	ING ITS HEAD OFFI	CEAT	
DATE OF REGISTRATION	14	/07/2014	00100
TITLE	ROO	M COOLER	
PRIORITY NA			

DESIGN NUMBER	260514	
CLASS	12-16	
UNDER THE COMPANIES ACT, 19	FED, AN INDIAN COMPANY INCORPORATED 56, HAVING ITS REGISTERED OFFICE AT OLD NO. 8) HADDOWS ROAD, CHENNAI 600	>
DATE OF REGISTRATION	20/02/2014	
TITLE	MIRROR ASSEMBLY FOR TWO WHEELERS	0
PRIORITY NA		-
DESIGN NUMBER	257731	
CLASS	09-07	
PO. VASNA CHACHARVADI, NR CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE	· · · · · · · · · · · · · · · · · · ·	
PRIORITY NA		
DESIGN NUMBER	259382	
CLASS	09-01	
GANGAPUR ROAD, NASHIK, STAT INDIAN PROPRIETORSHIP FIRM	, SARDA HOUSE, GODAVARI RIVER BANK, TE OF MAHARASHTRA, (INDIA), I, INDIAN NATIONALS WHOSE PROPRIETOR INDIAN NATIONAL, OF ABOVE ADDRESS	
DATE OF REGISTRATION	15/01/2014	
TITLE	BOTTLE	
PRIORITY NA		

DESIGN NUMBER		26	0712	
CLASS		0	9-03	
INCORPORATED IN 7	THE STATE C	BRANDS LLC, A COM DF DELAWARE, U.S.A. ST HANOVER, NEW JE	,	
DATE OF REGISTRAT	TION	28/0	2/2014	
TITLE		CON	ΓAINER	
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/465,596		29/08/2013	U.S.A.	
DESIGN NUMBER		260)111	
CLASS		25	-02	
	R, MAIN TODA		I G ITS OFFICE AT LHI-110011, INDIA, AN	
DATE OF REGISTRAT	TION	04/02	2/2014	
TITLE		BASE PLATE F	OR BUILDINGS	
PRIORITY NA				
DESIGN NUMBER		260513		•
CLASS		12-16		
1)TVS MOTOR COM COMPANY INCORPO ACT, 1956, HAVING IT "JAYALAKSHMI ES HADDOWS ROAD, CHI INDIA	RATED UND TS REGISTER STATES", 29 (0	ER THE COMPANIES RED OFFICE AT OLD NO. 8)	1	2
DATE OF REGISTRATION		20/02/2014		
TITLE	SILENCER I	FOR TWO WHEELERS	a course	
PRIORITY NA				

		26	50593	
CLASS		1	3-03	-
1)WÖHNER GMBH & CO. KO COMPANY EXISTING UNDER MÖNCHRÖDENER STR. 10,	THE LAWS OF	GERMAN	Y,	
DATE OF REGISTRATION		25/0	02/2014	
TITLE	FUS	SE SWITCH	DISCONNECTOR	
PRIORITY				
PRIORITY NUMBER	DATE	COUN	ΓRY	
002310946-0001	17/09/2013	EUROF	PEAN UNION	
DESIGN NUMBER		25	57727	
CLASS		0	9-07	7
INCORPORATED UNDER THE PRINCIPLE PLACE OF BUSIN	ESS AT, PLOT N	ACT, 1956., NO. 3, SURV	VEY/BLOCK NO. 86,	
PRINCIPLE PLACE OF BUSIN PO. VASNA CHACHARVAD CHANGODAR-AHMEDABAD H 382213. GUJARAT-INDIA	ESS AT, PLOT N I, NR. DIVYA BH	ACT, 1956., NO. 3, SURV HASKAR PR SANAND, I	HAVING ITS VEY/BLOCK NO. 86, EESS, BAVLA- DIST: AHMEDABAD-	
PRINCIPLE PLACE OF BUSIN PO. VASNA CHACHARVAD CHANGODAR-AHMEDABAD H 382213. GUJARAT-INDIA DATE OF REGISTRATION	ESS AT, PLOT N I, NR. DIVYA BH IIGHWAY, TAL:	ACT, 1956., NO. 3, SURV HASKAR PR SANAND, I 24/1	HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA- DIST: AHMEDABAD- 0/2013	
PRINCIPLE PLACE OF BUSIN PO. VASNA CHACHARVAD CHANGODAR-AHMEDABAD H 382213. GUJARAT-INDIA	ESS AT, PLOT N I, NR. DIVYA BH IIGHWAY, TAL:	ACT, 1956., NO. 3, SURV HASKAR PR SANAND, I 24/1	HAVING ITS VEY/BLOCK NO. 86, EESS, BAVLA- DIST: AHMEDABAD-	
PRINCIPLE PLACE OF BUSIN PO. VASNA CHACHARVAD CHANGODAR-AHMEDABAD H 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE	ESS AT, PLOT N I, NR. DIVYA BH IIGHWAY, TAL:	ACT, 1956., NO. 3, SURV HASKAR PR SANAND, I 24/1 KITCHEN S	HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA- DIST: AHMEDABAD- 0/2013	
PRINCIPLE PLACE OF BUSIN PO. VASNA CHACHARVAD CHANGODAR-AHMEDABAD H 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA	ESS AT, PLOT N I, NR. DIVYA BH IIGHWAY, TAL:	ACT, 1956., NO. 3, SURV HASKAR PR SANAND, I 24/1 KITCHEN S 26	HAVING ITS VEY/BLOCK NO. 86, ESS, BAVLA- DIST: AHMEDABAD- 0/2013 STORAGE CONTAINER	
PRINCIPLE PLACE OF BUSIN PO. VASNA CHACHARVAD CHANGODAR-AHMEDABAD H 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	ESS AT, PLOT N I, NR. DIVYA BH IIGHWAY, TAL: LID FOR EAT BRANDS L TE OF DELAW	ACT, 1956., NO. 3, SURV HASKAR PR SANAND, I 24/1 KITCHEN S 26 0 LC, A COM ARE, U.S.A	HAVING ITS VEY/BLOCK NO. 86, EESS, BAVLA- DIST: AHMEDABAD- 0/2013 STORAGE CONTAINER 50711 9-03 IPANY	
PRINCIPLE PLACE OF BUSIN PO. VASNA CHACHARVAD CHANGODAR-AHMEDABAD H 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)INTERCONTINENTAL GRI INCORPORATED IN THE STA OF 100 DEFOREST AVENUE	ESS AT, PLOT N I, NR. DIVYA BH IIGHWAY, TAL: LID FOR EAT BRANDS L TE OF DELAW	ACT, 1956., NO. 3, SURV HASKAR PR SANAND, I 24/1 KITCHEN S 26 0 LC, A COM ARE, U.S.A ER, NEW JE	HAVING ITS VEY/BLOCK NO. 86, EESS, BAVLA- DIST: AHMEDABAD- 0/2013 STORAGE CONTAINER 50711 9-03 IPANY	
PRINCIPLE PLACE OF BUSIN PO. VASNA CHACHARVAD CHANGODAR-AHMEDABAD H 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)INTERCONTINENTAL GRI INCORPORATED IN THE STA OF 100 DEFOREST AVENUE STATES OF AMERICA	ESS AT, PLOT N I, NR. DIVYA BH IIGHWAY, TAL: LID FOR EAT BRANDS L TE OF DELAW	ACT, 1956., NO. 3, SURV HASKAR PR SANAND, I 24/1 KITCHEN S 26 0 LC, A COM ARE, U.S.A ER, NEW JE 28/0	HAVING ITS VEY/BLOCK NO. 86, EESS, BAVLA- DIST: AHMEDABAD- 0/2013 STORAGE CONTAINER 50711 9-03 IPANY ,RSEY 07936, UNITED	
PRINCIPLE PLACE OF BUSIN PO. VASNA CHACHARVAD CHANGODAR-AHMEDABAD H 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)INTERCONTINENTAL GRI INCORPORATED IN THE STA OF 100 DEFOREST AVENUE STATES OF AMERICA DATE OF REGISTRATION	ESS AT, PLOT N I, NR. DIVYA BH IIGHWAY, TAL: LID FOR EAT BRANDS L TE OF DELAW	ACT, 1956., NO. 3, SURV HASKAR PR SANAND, I 24/1 KITCHEN S 26 0 LC, A COM ARE, U.S.A ER, NEW JE 28/0	HAVING ITS VEY/BLOCK NO. 86, 2ESS, BAVLA- DIST: AHMEDABAD- 20/2013 STORAGE CONTAINER 50711 9-03 IPANY , RSEY 07936, UNITED 02/2014	
PRINCIPLE PLACE OF BUSIN PO. VASNA CHACHARVAD CHANGODAR-AHMEDABAD H 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)INTERCONTINENTAL GRI INCORPORATED IN THE STA OF 100 DEFOREST AVENUE STATES OF AMERICA DATE OF REGISTRATION TITLE	ESS AT, PLOT N I, NR. DIVYA BH IIGHWAY, TAL: LID FOR EAT BRANDS L TE OF DELAW	ACT, 1956., NO. 3, SURV HASKAR PR SANAND, I 24/1 KITCHEN S 26 0 LC, A COM ARE, U.S.A ER, NEW JE 28/0 CON	HAVING ITS VEY/BLOCK NO. 86, 2ESS, BAVLA- DIST: AHMEDABAD- 20/2013 STORAGE CONTAINER 50711 9-03 IPANY , RSEY 07936, UNITED 02/2014	

DESIGN NUMBER		255194	
CLASS		27-99	
1)ALTRIA CLIENT SERVICES IN LAWS OF THE STATE OF NEW YO OF 6601 WEST BROAD STREET,	R THE		
DATE OF REGISTRATION	1	1/07/2013	
TITLE	ELECTRONIC	C SMOKING ARTICLE	3
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/443,134	14/01/2013	U.S.A.	
DESIGN NUMBER		260110	
CLASS		25-02	
1)HITECH ALUM (I) FABRICATO WZ-69/C, TODAPUR, MAIN TOD INDIAN COMPANY, AN INDIAN CO	APUR ROAD, NEW I MPANY	DELHI-110011, INDIA	
DATE OF REGISTRATION	C	4/02/2014	K
TITLE	COLUMN	FOR BUILDINGS	
PRIORITY NA			
DESIGN NUMBER		257858	
CLASS		24-02	
1)OSTOMYCURE AS, A CORPOR THE LAW OF NORWAY, OF GAUSTADALLEEN 21, OSLO		D AND EXISTING U	NDER
DATE OF REGISTRATION	2	9/10/2013	
TITLE	IMPLANT FOR OST	OMY SURGICAL PRO	DCESS
PRIORITY	·		
PRIORITY NUMBER	DATE	COUNTRY	CARGOLICO RASS

DESIGN NUMBER		260908	
CLASS		23-01	
1)SPRAY ENGINEERING DEVIC INCORPORATED UNDER THE PR HAVING ITS REGISTERED OFFIC PLOT NO. 25, INDUSTRIAL ARE INDIA	OVISION OF THE CO	OMPANIES ACT, 1956,	
DATE OF REGISTRATION	11	1/03/2014	
TITLE	JET	EJECTOR	-
PRIORITY NA			
DESIGN NUMBER		260999	
CLASS		25-02	
1)HITACHI METALS TECHNO, I 4-2, TOKYO 2-CHOME, KOTO-KI DULY ORGANIZED UNDER THE LA	[· · ·]		
DATE OF REGISTRATION	14	4/03/2014	
TITLE	FLO	OR PANEL	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-021509	17/09/2013	JAPAN	
DESIGN NUMBER		257346	
CLASS		08-09	
1)SHIVA STEEL INDUSTRIES, O C-12, SITE C, SURAJPUR INDUS			
DATE OF REGISTRATION	09	9/10/2013	
TITLE	WINDOW	OUTER FRAME	
PRIORITY NA			

DESIGN NUMBER	260512	
CLASS	12-16	
INCORPORATED UNDER THI REGISTERED OFFICE AT	IMITED, AN INDIAN COMPANY E COMPANIES ACT, 1956, HAVING ITS , 29 (OLD NO. 8) HADDOWS ROAD, U, INDIA	
DATE OF REGISTRATION	20/02/2014	
TITLE	FENDER FOR TWO WHEELERS	
PRIORITY NA		
DESIGN NUMBER	260587	
CLASS	20-03	
EXCUTIVE DIRECTOR MR. R BUSINESS UNDER THE SAID	ATE NO. 6, SAKI VIHAR ROAD, POWAI, MUMBA	I-
DATE OF REGISTRATION	25/02/2014	
TITLE	ADVERTISEMENT DISPLAY BOARD	
PRIORITY NA		
DESIGN NUMBER	258584	
CLASS	08-05	
1) MR. NAREN PANDHARIN W62, MIDC, SATPUR, NASH	ATH BHINGE INDIAN NATIONAL RESIDING A IK-422007	r e P
DATE OF REGISTRATION	06/12/2013	
TITLE	HAND PUMP FOR WATER LIFTING	
PRIORITY NA		

DESIGN NUMBER		260665	
CLASS		08-06	
1)(1) TEJASBHAI MAVJIBHAI BH GHELANI (BOTH PARTNERS ARE PARTNERS OF HARIOM HARDWA PLACE OF BUSINESS AT-3, PATEL NAGAR, CLOSE ST RAJKOT-GUJARAT-(INDIA)	ADULT AND INDI ARE (INDIAN PART	AN NATIONAL) AND 'NERSHIP FIRM) HAVING	
DATE OF REGISTRATION	2	28/02/2014	
TITLE		HANDLE	
PRIORITY NA			
DESIGN NUMBER		260710	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE (OF 100 DEFOREST AVENUE, EA STATES OF AMERICA)F DELAWARE, U.S	5.A.,	
DATE OF REGISTRATION	2	28/02/2014	
TITLE	C	ONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	
DESIGN NUMBER		260109	
CLASS		25-02	
1)HITECH ALUM (I) FABRICATO WZ-69/C, TODAPUR, MAIN TOD INDIAN COMPANY, AN INDIAN CO	APUR ROAD, NEW		
DATE OF REGISTRATION	(04/02/2014	
TITLE	INSERT	FOR BUILDINGS	
PRIORITY NA			

DESIGN NUMBER		257857	
CLASS		24-03	
1)OSTOMYCURE AS, A CORPO THE LAW OF NORWAY, OF GAUSTADALLEEN 21, OSL	D AND EXISTING UNDER		
DATE OF REGISTRATION	2	9/10/2013	和国和國加強的
TITLE		SSUE INGROWTH FOR AN MY IMPLANT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
735298901	30/04/2013	WIPO	
DESIGN NUMBER		260907	
CLASS		15-99	
PLOT NO. 25, INDUSTRIAL ARI INDIA DATE OF REGISTRATION TITLE	1	DIGARH-160002 (U.T.), 1/03/2014 FIVE CONDENSER	
PRIORITY NA			- All
DESIGN NUMBER		262449	
CLASS		12-16	
1) DEERE & COMPANY, A US C ONE JOHN DEERE PLACE, MO	ORPORATION OF LINE, ILLINOIS, 61265	5-8098 USA	
DATE OF REGISTRATION	0	7/05/2014	
TITLE	FENDER UN	IIT FOR A VEHICLE	
PRIORITY NA			

DESIGN NUMBER	260509	
CLASS	26-06	
UNDER THE COMPANIES ACT, 19	FED, AN INDIAN COMPANY INCORPORATED 56, HAVING ITS REGISTERED OFFICE AT OLD NO. 8) HADDOWS ROAD, CHENNAI 600	
DATE OF REGISTRATION	20/02/2014	
TITLE	HEADLAMP FOR MOTORCYCLE	
PRIORITY NA		
DESIGN NUMBER	257724	
CLASS	09-03	
PO. VASNA CHACHARVADI, NR CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA	FECH PVT. LTD., A COMPANY MPANIES ACT, 1956., HAVING ITS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, DIVYA BHASKAR PRESS, BAVLA- WAY, TAL: SANAND, DIST: AHMEDABAD-	
DATE OF REGISTRATION	24/10/2013	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	260693	
CLASS	12-15	
SEYCHELLES ADDRESS AT	CS LTD. NATIONALITY: REPUBLIC OF TRADE CENTER, FRANCIS RACHEL STREET, 6 REPUBLIC OF SEYCHELLES.	
DATE OF REGISTRATION	28/02/2014	
TITLE	TYRE	
PRIORITY NA		

DESIGN NUMBER		26072	5	
CLASS		15-05		
1)SAMSUNG ELECTRONICS CO 129, SAMSUNG-RO, YEONGTO REPUBLIC OF KOREA				
DATE OF REGISTRATION		28/02/20)14	
TITLE	W	ASHING M	ACHINE	
PRIORITY PRIORITY NUMBER 30-2013-0045144	DATE 02/09/2013	COUNT KOREA	RY .(SOUTH)	
DESIGN NUMBER		2601	130	
CLASS		08-	07	
OF MAHARASHTRA, INDIA. PROPRIETOR OF PACK SEALS FIRM OF ABOVE ADDRESS DATE OF REGISTRATION TITLE PRIORITY NA	INDUSTRIES. /	AN INDIAN 05/02/ SEA	2014	
DESIGN NUMBER		2602	297	
CLASS		23-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
1)UNILEVER PLC, A COMPANY UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTO UNITED KINGDOM				(PB)
DATE OF REGISTRATION		12/02/	2014	
TITLE	FILTER AS	SEMBLY FO	OR WATER PURIFIER	
PRIORITY				
PRIORITY NUMBER	DATE		COUNTRY	
002295667-0002	23/08/201	13	OHIM	

DESIGN NUMBER	2	61582	
CLASS	(06-10	50
1)(1) ROHITBHAI J. HARSODA A INDIAN NATIONAL PARTNERS O PARTNERSHIP FIRM., HAVING IT SHRI HARI INDUSTRIAL MAIN I RAJKOT, GUJARAT-INDIA	F M/S. BARAK STEEI 'S PRINCIPAL PLACE	, AN INDIAN E OF BUSINESS AT,	
DATE OF REGISTRATION	08/	04/2014	
TITLE	CURT	AIN BLIND	
PRIORITY NA			
DESIGN NUMBER	2	61180	
CLASS	(05-06	
1) M/S. BALAJI PAPER PRODUCT PLOT NO: 73, WOMEN INDUSTR 625008, INDIAN NATIONALITY			and the second
DATE OF REGISTRATION	21/	03/2014	
TITLE		FOR DISPOSABLE	
PRIORITY NA			
DESIGN NUMBER	2	50649	
CLASS	,	21-01	
1)MAN TRUCK & BUS AG, A GEI DACHAUER STR. 667, 80995 MU	9 61		
DATE OF REGISTRATION	03/	01/2013	8 / 8-1
TITLE	DRIVER'S CAB OF A	TOY UTILITY VEHICLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001335236	04/07/2012	OHIM	

DESIGN NUMBER		260544	
CLASS		12-08	
1)NISSAN JIDOSHA KABUSHIKI MOTOR CO., LTD.), A JAPANESE (UNDER THE LAWS OF JAPAN OF NO. 2 TAKARACHO, KANAGAW JAPAN	COMPANY, ORGAN	IZED AND EXISTING	
DATE OF REGISTRATION	2	1/02/2014	
TITLE		CAR	
PRIORITY NA			
DESIGN NUMBER		259396	
CLASS		07-02	
1) PANKAJ MALIK, INDIAN BY N 7A ASHOKA APPTS., 7 RAJPUR F		ŀ	
DATE OF REGISTRATION	1	5/01/2014	
TITLE	CA	SSEROLE	
PRIORITY NA			
DESIGN NUMBER		259592	
CLASS		06-04	
1)PAUL HETTICH GMBH & CO. 1 OF VAHRENKAMPSTRASTRASS	-	HLENGERN, GERMANY	
DATE OF REGISTRATION	2	3/01/2014	STHATTHAT
TITLE	FURN	ITURE RACK	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002282160-0004	26/07/2013	OHIM	

DESIGN NUMBER		260698	
CLASS		09-03	
1)INTERCONTINENTAL GREAT INCORPORATED IN THE STATE (OF 100 DEFOREST AVENUE, EA STATES OF AMERICA			
DATE OF REGISTRATION	28	8/02/2014	
TITLE	CO	NTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	
DESIGN NUMBER		260354	
CLASS		08-08	
1)TATTVA ART HARDWARE, A PLOT #14, SECTOR 37, PACE CIT		· · · · · · · · · · · · · · · · · · ·	
DATE OF REGISTRATION	17	7/02/2014	
TITLE	CURTA	AIN BRACKET	
PRIORITY NA			
DESIGN NUMBER		262270	
CLASS		24-04	
1)BAUERFEIND AG, OF TRIEBESER STR. 16, 07937 ZEUI COMPANY	ENRODA-TRIEBES,	GERMANY, A GERMAN	
DATE OF REGISTRATION	0	1/05/2014	
TITLE	ORTHOPED	IC ARCH SUPPORT	C. ()
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001389738-0001	05/11/2013	OHIM	

DESIGN NUMBER		2	58377		
CLASS		()9-03	Constant and the second	
1)M/S GREENSCAPE ECC AN INDIAN COMPANY HA 512, ELEGANCE TOWER COMMERCIAL CENTRE JAS	VING REGIS , PLOT NO. 8,	TERI NON	E D OFFICE AT HIERARCHICAL	1 2	
DATE OF REGISTRATION		26/	11/2013	REN	DVA Cont
TITLE	PA	ACKA	GING BOX		
PRIORITY NA					
DESIGN NUMBER			261373		
CLASS			14-03	0	L 1
1) IDOIT CO., LTD., NOS. 635, 637, 639, AND 6 GYEONGGI-DO, KOREA, NA	,		,		and
DATE OF REGISTRATION			28/03/2014		Same
TITLE	SATE	ELLIT	E ANTENNA SUPPO	r No Kolon	Page A
PRIORITY PRIORITY NUMBER 30-2014-0006538	DATE 10/02/2014		UNTRY PUBLIC OF KOREA		
DESIGN NUMBER		250	0655		
CLASS		21	-01		
1)MAN TRUCK & BUS AC DACHAUER STR. 667, 80					
DATE OF REGISTRATION		03/0	1/2013	19	PATE
TITLE	DRIVERS C		F A TOY UTILITY IICLE	8	
PRIORITY				A	
PRIORITY NUMBER	DATE		COUNTRY	2	TORY
001335236	04/07/202	12	OHIM		
				Cobined	

DESIGN NUMBER	26	0629	
CLASS	15	5-06	_
1)CHOON'S DESIGN LLC, A COR UNDER THE LAWS OF UNITED ST OF 48813 WEST ROAD, WIXOM,	(F)		
DATE OF REGISTRATION	26/02	2/2014	A A A A A A A A A A A A A A A A A A A
TITLE	LOOM H	OOK TOOL	a contraction of the second se
PRIORITY			e e
PRIORITY NUMBER	DATE	COUNTRY	
29/465,194	26/08/2013	U.S.A.	
DESIGN NUMBER	26	1028	
CLASS	06	5-01	
1) S. SINDHIYA, PROPRIETRIX O NO. 75/1, THIRUNAGAR 3RD STR COIMBATORE-641026, INDIA, INDIA			
DATE OF REGISTRATION	18/0.	3/2014	
TITLE	CH	IAIR	
PRIORITY NA			" "
DESIGN NUMBER	25	7349	
CLASS	30	3-09	
1) SHIVA STEEL INDUSTRIES, OF C-12, SITE C, SURAJPUR INDUST			
DATE OF REGISTRATION	09/1	0/2013	
TITLE	DOOR S	HUTTER	
PRIORITY NA			

DESIGN NUMBER	259385	
CLASS	23-01	
1)SUBODH GUPTA, OKAYA POW D-7, UDYOG NAGAR, ROHTAK H	Y ER LTD., ROAD, NEW DELHI-110041. (INDIAN)	
DATE OF REGISTRATION	15/01/2014	
TITLE	WATER PURIFIER	
PRIORITY NA		