पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

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पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

(Om Prakash Gupta) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

8th JANUARY, 2016

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THE PATENT OFFICE

KOLKATA, 08/01/2016

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial

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2	 The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in ♦ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli 	5	The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091 Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: <u>kolkata-patent@nic.in</u>
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>		✤ Rest of India
	Website: www.ipin	ıd1	a.nic.in

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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 08/01/2016

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विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए है:-

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प	4	पेटेंट कार्यालय, भारत सरकार
	तथा व्यापार चिहन,		इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट
	एंटोप हिल डाकघर के समीप,		एसआईडीसीओ आरएमडी गोडाउन एरिया
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			ई. मेल: chennai-patent@nic.in
			🔅 आन्ध प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु
			तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
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	बौद्धिक संपदा भवन,		कोलकाता, (प्रधान कार्यालय)
	एंटोप हिल डाकघर के समीप,		बौद्धिक संपदा भवन,
	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037,		सीपी-2, सेक्टर- V, साल्ट लेक सिटी,
	फोन: (91) (22) 24137701		कोलकाता-700 091, भारत.
	फ़ैक्स: (91) (22) 24130387		फोन: (91)(33) 2367 1943/44/45/46/87
	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
	• गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र,		ई. मेल: kolkata-patent@nic.in
	दमन तथा दीव, दादर और नगर हवेली-		
			💠 भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार		
	बौद्धिक संपदा भवन,		
	प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075.		
	फोन: (91)(11) 2808 1921-25		
	फ़ैक्स: (91)(11) 2808 1920, 2808 1940		
	ई. मेल: delhi-patent@nic.in		
	हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,राजस्थान,		
	उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित		
	क्षेत्र चंडीगढ़		

वेबसाइट: http://www.ipindia.nic.in

www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे। शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

SPECIAL NOTICE

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Om Prakash Gupta) 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.



वोदिवर राम्पदा भारत एकस्व/अभिवस्य/व्यापा सिष्ठ् गोगोलिक संकेस/पेट सूपना पद्धति INTELLECTUAL ROPERTY INDIA Patents/Designa/Trade Marks Geographical Indications/ Patent Information System

भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE

योद्धिक 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).

<u>संख्या/No. : H-45011/1/2004-Admn.</u>

<u> दिनांक/Date: 10-12-2015</u>

LIST OF HOLIDAYS FOR THE YEAR - 2016

The following days have been declared as Holidays to be observed by the Patent Office Kolkata during the year 2016.

Sl. No.	Holidays & Connected Festiv	als	Date	Days of Week
1.	Republic Day		January 26	Tuesday
2.	Basant Panchami/Sri Panchami		February 12	Friday
3.	Holi		March 24	Thursday
4.	Good Friday		March 25	Friday
5.	Mahavir Jayanti		April 20	Wednesday
6.	Buddha Purnima		May 21	Saturday
7.	Idu'l Fitr		July 06	Wednesday
8.	Independence Day		August 15	Monday
9.	Id-uz-Zuha (Bakrid)		September, 12	Monday
10.	Mahatma Gandhi's Birthday		October 02	Sunday
11.	Additional Day for Dussehra (Maha N	avami)	October 10	Monday
12.	Dussehra		October 11	Tuesday
13.	Muharram		October 12	Wednesday
14.	Diwali (Deepavali)		October 30	Sunday
15.	Guru Nanak's Birthday		November 14	Monday
16.	Milad-un-Nabi or Id-E-Milad (Prophet Mohammad's Birthday)		December 13	Tuesday
17.	Christmas Day		December 25	Sunday

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

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

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



মানিক বাদবা দাবা ক্রেন্ডেএনিকল্ড/ব্যেয়া বিল্ ক্রেন্ডেএনিকল্ড/বেয়া বিল ক্রেন্ডেএনিকল্/বিল্ যাসTELLECTUAL 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

भौद्यिक सम्पदां 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), कैफ्स/Fax : (91)(33)2367 1988/1353, कैफ्स/E-Mail: kolkata-patent@nic.in, मेब भाइट/Website: www.pinidia.nic.in, : www.ipindia.gov.in

दिनांक/Date: 10/12/2015

वर्ष 2016 में छुट्टियों की सूची

वर्ष 2016 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.	गणतंत्र दिवस	जनवरी 26	मंगलवार
2.	बसन्त पंचमी/श्रीपंचमी	फरवरी 12	शुक्रवार
3.	होली	मार्च 24	गुरूवार
4.	गुड फ्राइडे	मार्च 25	शुक्रवार
5.	महावीर जयंती	अप्रैल 20	वुधवार
6.	वृद्ध पूर्णिमा	मई 21	शनिवार
7.	ईद-उल-फितर	जुलाई 06	बुधवार
8.	स्वतंत्रता दिवस	अगस्त 15	सोमवार
9.	ईद-उल-जुहा (बकरीद)	सितम्बर 12	सोमवार
10.	महात्मा गाँधी जयंती	अक्तुबर 02	रविवार
11.	दशहरा के लिए अतिरिक्त दिन (महा नवमी)	अक्तुबर 10	सोमवार
12.	दशहरा	अक्तुबर 11	मंगलवार
13.	मुहर्रम	अक्तुबर 12	बुधवार
14.	दिवाली (दिपावली)	अक्तुबर 30	रविवार
15.	गुरूनानक जयंती	नवम्बर 14	सोमवार
16.	मिलाद-उन-नवी या ईद-ए-मिलाद (प्रोफेट मोहम्मद जन्मदिवस)	दिसम्बर 13	मंगलवार
17.	क्रिसमस डे	दिसम्बर 25	रविवार

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:

A

(12) PATENT APPLICATION PUBLICATION	(21) Application No.4118/DEL/2015
(19) INDIA	
(22) Date of filing of Application :15/12/2015	(43) Publication Date : 08/01/2016

(54) Title of the invention : ENRICHED MARGOSA: AN ORGANIC NITROGENOUS FERTILIZER SUPPLEMENT

(51) International classification (31) Priority Document No	:C07H21/04 :NA	(71)Name of Applicant : 1)DR. SUNIL SOLOMON
(32) Priority Date	:NA	Address of Applicant :24-RAJPUR ROAD (OLD BUNGALOW),
(33) Name of priority country	:NA	CIVIL LINES, DELHI Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. SUNIL SOLOMON
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards eco-friendly and organic nitrogenous fertilizer supplement compositions comprising an enriched margosa, The enriched margosa comprises of neem (Azadirachta indica), karanj (Pongamia Pinnata), sucrose, Bio-Zinc, and plant symbiotic fungal spores such as Trichoderma spores and Mycorrhizal spores. Other exemplary embodiments of the present disclosure are directed towards methods for preparing the enriched margosa compositions and methods of application of nitrogenous fertilizers supplemented with the enriched margosa. Enriched margosa can be applied to the soil in the form of at least one of a basal application, a top dressing, a plough sole placement, a localized placement, a hill placement, a row placement and a pellet application. Based on the results wider use of enriched margosa is recommended for different crops considering the organic nature of enriched margosa, its potential as nitrogenous fertilizer saver and its ability to counter pests.

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

(22) Date of filing of Application :23/12/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS OF SYNTHESIS OF BIOLOGICALLY IMPORTANT SEMICARBAZONES COPPER(II) COMPLEXES AND THEIR USE THERE OF AS THERAPEUTIC AGENTS

(51) International classification	:A61P35/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. RICHA KOTHARI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY, ITM
(33) Name of priority country	:NA	UNIVERSITY GWALIOR Madhya Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. RICHA KOTHARI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel divalent macrocyclic copper (II) complexes are disclosed. The divalent copper species are directly produced by the template method with a combination of substituted carbohydrazone; tridentated semicarbazide hydrochloride and copper (II) chloride. The divalent copper (II) complexes were characterized by elemental analysis, IR, iTNMR, mass and electronic spectra. The magnetic moments and electronic spectral studies suggested distorted octahedral geometry for all the complexes. The Cytotoxic activity against human Breast Cancer Cell line MCF-7, antibacterial- and antioxidant activities were evaluated for all synthesized compounds. The standard anti-breast cancer drug Tamoxifen was used as a positive control. The synthesized compounds were screened for their in vitro antibacterial activity using Disc Diffusion method against two strains each of gram negative and gram positive bacteria. Tetracycline was used as positive control. In-vitro antioxidant activity of all macrocyclic copper complexes was screened using the DPPH scavenging assay. All compounds showed potent antioxidant activity in the range 60-80%.

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

(22) Date of filing of Application :23/12/2015

(21) Application No.4259/DEL/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR REAL TIME MONITORING OF CONNECTED DEVICES IN A HOUSEHOLD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F15/173 :NA :NA :NA :NA :NA : NA :NA :NA	 (71)Name of Applicant : 1)HCL Technologies Limited Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar Pradesh, India Uttar Pradesh India (72)Name of Inventor : 1)VINAYAGAM, Senthilkumar
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Disclosed is a system and method for real time monitoring of connected devices in a household. A discovery module may identify connected devices in a household to create an inventory of the connected devices. A document module may enable a user to upload purchase documents associated to each connected device in the inventory. A web crawler may automatically fetch information relevant to each connected device from an internet. A service module may enable the user to update service status associated with each connected device. An automated assistant module may update current status of each connected device to the user. Further, the automated assistant module may transmit an event-based notification to the user. In an aspect, the event-based notification is related to one of updating a connected device, scheduling a service for the connected device, tracking the service status of the connected device, and monitoring the uptime of the connected device.

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

(22) Date of filing of Application :21/12/2015

(21) Application No.4212/DEL/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : LONG TERM BACTERIAL PRESERVATION AT WIDE RANGE OF ROOM TEMPERATURES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N1/04 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Rashmi Mittal Address of Applicant :A-198, Ground Floor, Derawal nagar, Delhi 110009, India Delhi India (72)Name of Inventor : 1)Narender Chaudhry
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(57) Abstract :

The present invention is very simple yet effective as it involves least laborious efforts with maximum results. It involves the embedding of dessicated bacteria into the mixture of petroleum detergent and synthetic polymers where this mixture provides protection from external environment to the bacteria and also helps it to remain in the dormant state for longer period. Reaction mixture can be stored at broad spectrum temperatures without any risk of contamination and genotypic/phenotypic alterations. Mortality rates are found to be negligible even after 2 years of preservation.

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

(22) Date of filing of Application :08/05/2015

(54) Title of the invention : INTEGRATED HEALTH CARE SYSTEM

(21) Application No.1288/DEL/2015 A

(43) Publication Date : 08/01/2016

(51) International classification	:G06F21/60	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AJAY KUMAR JAISWAL
(32) Priority Date	:NA	Address of Applicant :URJA GASIFIERS PVT LIMITED, 377
(33) Name of priority country	:NA	PURDILPUR MG COLLEGE ROAD, GORAKHPUR, UP273001 Utt
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AJAY KUMAR JAISWAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an Integrated health care system and in particular, this invention relates to an Integrated health care system to provide coordinated accountable care by using information technology. More particularly, this present invention relates to an Integrated health care system in which interconnected, providers provide scalability, accessibility and reduce overall costs. Furthermore, this invention also relates to an Integrated health care system which has the advantages of simple and convenient use, and plays the role of keeping the optimized hospital operations and easy access to health care provider which is beneficial to human health. Fig 3

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

(22) Date of filing of Application :03/06/2015

(21) Application No.1597/DEL/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR DATA COLLECTION AND AUTOMATED REPORT GENERATION FOR EDUCATION SECTOR

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GINGER WEBS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :E-4/7, 1st Floor, Sector-16, Rohini, Delhi-
(33) Name of priority country	:NA	110089, India. Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOSWAMI, Kapil Moni
(87) 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 system and method for collecting data using different forms of machine-readable identification. Such forms are called mark read forms for the purpose of this invention. These mark read forms are processed by using document scanner to obtain data. The data obtained is then wirelessly transmitted to web server or cloud where the data is analyzed, categorized to obtain information and is then saved accordingly to respective sub-modules. Further, the analyzed and categorized information is used to generate various automated reports such as daily or monthly attendance, performance and long-term growth etc.

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

(22) Date of filing of Application :11/07/2015

(21) Application No.2099/DEL/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : LINE FAULT PASSAGE INDICATOR WITH REMOTE COMMUNICATION CAPABILITIES

:G06F17/00	(71)Name of Applicant :
:NA	1)ELEKTROLITES (POWER) PVT LTD
:NA	Address of Applicant :122, NAVJEEVAN COMPLEX, STATION
:NA	ROAD, JAIPUR (RAJ) Rajasthan India
:NA	(72)Name of Inventor :
:NA	1)ANKIT SABOO
: NA	2)ANIL KUMAR SABOO
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA : NA :NA :NA :NA

(57) Abstract :

The present invention is related to an overhead Line Fault Passage Indicator. A system for fault passage indicator comprising a current sensing device which senses the current value at every defined time interval connected to microcontroller, a microcontroller for reading the data collected by the current sensing device and makes sense of the magnitude, rate of change and direction of the current, a battery system connected to the microcontroller for figuring out low-voltage condition, a signaling system, a communication chip, a control box facilitating sending and receiving of data between the fault passage indicator on the lines and the control room.

No. of Pages : 19 No. of Claims : 7

(22) Date of filing of Application :11/12/2015

(21) Application No.4073/DEL/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN ECHO-FRIENDLY DEVICE FOR MOSQUITO & INSECTS REPELLING

(51) International classification	:A01M29/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANURADHA POTLAPALLI
(32) Priority Date	:NA	Address of Applicant :C-109/110, Nand Residency, Mother Teresa
(33) Name of priority country	:NA	Nagar, Near N.W. Railway head quarters, Jaipur, Rajasthan, India
(86) International Application No	:NA	Rajasthan India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANURADHA POTLAPALLI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

The present invention is related to An Echo-friendly device for Mosquito & Insects Repelling. An Echo-friendly device for mosquito & insects repelling comprising of an insulating base accommodating bulb holder, a transparent tube , a metal plate for dividing transparent tube in two parts, a halogen light bulb in , a porous cap, an eco-friendly chemical. The chemical used in the evaporation chamber is CAMPHOR which is used in domestic households for religious rituals, in aromatic compounds as well as traditional medicine.

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

(22) Date of filing of Application :21/12/2015

(21) Application No.4201/DEL/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : WIRELESS MOBILE CHARGE SHARING

(51) International classification:G06F17.(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(63) Date:NA(64) Date:NA(65) Divisional to Application Number:NAFiling Date:NA(61) Patent of Addition Number:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 (71)Name of Applicant : 1)MOHAMMAD AHSAN CHISHTI Address of Applicant :COMPUTER SCIENCE HAZRATBAL, HAZRATBAL, SRINAGAR. J&k, 190006 INDIA Jammu & Kashmir India 2)QURESHI SHAIMA (72)Name of Inventor : 1)CHISHTI M.AHSAN 2)QURESHI SHAIMA 3)SINGH MALKIYAT 4)SINGH PUSHWINDER 5)HUSSAIN TAHA
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(57) Abstract :

The idea is to create a system in which it is possible to charge a mobile handset from another mobile handset. It is the method to transfer charge from an already charged mobile phone to another phone. This can be implemented using an assembly of wireless charging coil with both the inputs connected to the anode and cathode of the battery of the mobile phone. We can reverse the process to exchange the rote of the two mobile phones used in this process. The electrodes of the host battery will be connected to the wireless charger which will charge the other phone. This whole process will be controlled through software. It can be alternatively implemented using the OTG output of the mobile phone to provide charge but it might only be possible if it provides enough power. This process will be useful for flexible and effortless charging of our phone from another. If ones phone battery is running out of charge with no external power source, we can use this process to charge the phone from another phone. Also, this method will be more flexible than the conventional charging. This process will be recommended to. charging in case of charging ones phone in absence of external source of energy. Considering the huge capacities (3000+ mAh) of batteries in cell phones, it is viable option for transferring charge from one phone to another keeping in mind that we often find ourselves in situation where we do. not have external power sources.

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

(22) Date of filing of Application :16/12/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : INSTRUMENT FOR MEASURING LEARING ABILITY AND SPATIAL MEMORY OF LABORATORY ANIMALS

(51) International classification(31) Priority Document No(32) Priority Date	:A01K15/02 :NA :NA	 (71)Name of Applicant : 1)PROF.(DR.) MILIND PARLE Address of Applicant :F-8, GURU JAMBHESHWAR UNIVERSITY
(33) Name of priority country	:NA	OF SCIENCE AND TECHNOLOGY, CAMPUS, HISAR (HARYANA),
(86) International Application No	:NA	PIN-125001, INDIA. Haryana India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PROF.(DR.) MILIND PARLE
(61) Patent of Addition to Application Number	:NA	2)MS.SUSHILA KAURA
Filing Date	:NA	3)MS.MONU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the area of psychopharmacology, the development of animal models for cognitive disorders represents a major challenge. At present there is no perfect animal model for measuring learning ability of experimental animals. Furthermore, we do not have any laboratory model for testing spatial memory in particular. The objective of the present invention is to design and fabricate a new instrument, which would help in measuring learning ability and memory capacity of experimental animals. Another objective of the present invention is to provide a laboratory model for testing potential of memory enhancers/memory impairing agents. Yet another objective of the instant invention is to design an instrument, which would be able to measure the learning behaviour of animals based on previous experience. This new instrument would be useful in studying physiology of memory and in exploring mechanism of action of memory enhancers. This model is based on the principle that animals form memory on repeated exposure to Cognition board. Animals when exposed to hollow squares present , on the Drop board drop in to the Drop bag. This model is capable of testing working memory, long term memory as well as spatial memory. This model has excellent constructive validity.

No. of Pages : 8 No. of Claims : 10

(22) Date of filing of Application :24/12/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : A NOVEL FORMULATION FOR FLAME RETARDANCE AND UV RESISTANCE FOR WIRES AND CABLES

(51) International classification:C08K3/34,(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	 (71)Name of Applicant : 1)Shilpi Cable Technologies Ltd Address of Applicant :A- 19, Ma Anandmayee Park, Phase- 1, Okhla Industrial Area, New Delhi Delhi India (72)Name of Inventor : 1)Dr. Bardyanath Mohanty 2)Mr. Manish Goel 3)Mr. Manish Bhatt 4)Mr. Sunil Singh 5)Mr. Mukesh Gupta 6)Mr. Ajay Varma 7)Mr. Vijay Singh
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(57) Abstract :

A novel formulation and process for producing flame retardant and UV resistant composition for insulation of wires and cables; the formulation being free of antimony based compounds, comprising of PVC resin, at least one plasticizer, at least one flame retardant compound, stabilizers, metal hydrate and UV absorber, besides lubricants, fillers, colorants, catalyst, processed according to an inventive process in specific proportion of parts by weight. The resultant flame retardant and UV resistant formulation has reduced smoke density and hygroscopicity, with no sign of cracks or scales as well as no colour change of the wires and cables when exposed to sunlight or UV radiation for significant time.

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

(22) Date of filing of Application :17/12/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ARSENIC TREATMENT TECHNOLOGY IN CONTAMINATED WATER WITH SCOLECITE

(51) International classification	:B05D5/00,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.DERICKS PRAISE SHUKLA
(32) Priority Date	:NA	Address of Applicant :SCHOOL OF ENGINEERING, INDIAN
(33) Name of priority country	:NA	INSTITUTE OF TECHNOLOGY, MANDI, HIMACHAL PRADESH-
(86) International Application No	:NA	175005 Himachal Pradesh India
Filing Date	:NA	2)PROF.CHANDRA SHEKHAR DUBEY
(87) International Publication No	: NA	3)DR.BHUPENDRA KUMAR MISHRA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR.DERICKS PRAISE SHUKLA
(62) Divisional to Application Number	:NA	2)PROF. CHANDRA SHEKHAR DUBEY
Filing Date	:NA	3)DR. BHUPENDRA KUMAR MISHRA

(57) Abstract :

Arsenic, a slow poison, has contaminated the environment from both anthropogenic and natural sources whole over the world and its exposure has caused adverse health effects on human beings, thus becoming a global concern. It is widely distributed and observed in the.natural environments such as in water, sediment, soil and rock. Thus ingestion of edible foods, drinking water and its usages are the main pathways for arsenic borne diseases to human beings. High arsenic concentration, with respect to WHO limit of 10 ppb, have been observed in groundwater of parts of Chattisgarh, Delhi, Manipur and West Bengal. The removal of arsenic from drinking and irrigation water is a persistent challenge in such areas where long-term cumulative arsenic exposure is a matter of concern. In this study the contaminated water from these areas were treated with Scolecite. As they have potential for low-temperature dehydration and the ability to readily adsorb other molecules so this treatment gave promising results (Table 2). The overall samples show a great reduction having the average % reduction varying between 58% to 85% in 1 day to 7 days analysis with the standard deviation varying between 27 to 10 for the same set of days for Arsenic concentration after treatment.

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

(22) Date of filing of Application :28/12/2015

(21) Application No.4296/DEL/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND DEVICES FOR AUTHENTICATION OF A MOBILE DEVICE OPERATING IN HOST CARD EMULATION MODE

(51) International classification	:H04L29/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Comviva Technologies Limited
(32) Priority Date	:NA	Address of Applicant :A-26, Info City, Sector 34, Gurgaon-122001,
(33) Name of priority country	:NA	Haryana, India Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SORUBAN, Rajasekaran
(87) International Publication No	: NA	2)REDDY, P Rajasekhara
(61) Patent of Addition to Application Number	:NA	3)GUPTA Gopal
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and devices for electronic token processing in a networked environment are provided. The electronic token can be leveraged by various entities such as users, merchants, acquirers, payment processors, etc. that form part of a networked environment. A tokenization server is provided to register a mobile device. Subsequently, the tokenization server is adapted to generate a seed specific to a SIM card available in the mobile device. Further, the tokenization server is adapted to provide a time bound authenticator and the seed to the mobile device, wherein the time-bound authenticator is adapted to periodically generate a time-bound authentication code based on the seed. Furthermore, the tokenization server is adapted to provide a necrypted first electronic token to the mobile device such that the mobile device is adapted to generate a second electronic token based on the first electronic token and the time-bound authentication code.

No. of Pages : 34 No. of Claims : 29

(22) Date of filing of Application :18/12/2015

(21) Application No.4173/DEL/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : VEHICLE FUEL EFFICIENCY ANALYTICS

(51) International classification	:G06F17/11	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar Pradesh,
(33) Name of priority country	:NA	India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHALIWAL, Jasbir Singh
(87) International Publication No	: NA	2)GUPTA, Akhilesh Kumar
(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 method and system for analysing fuel efficiency of a plurality of vehicles. The method comprising obtaining data from a plurality of vehicles and computing a driving pattern score and a driving condition score for one or more of the plurality of vehicles based on the data. The method further comprises categorizing each of the plurality of vehicles in to one or more categories based on one or more of the data, a vehicle manufacturer, a vehicle model, the driving pattern score, and the driving condition score and generating average fuel efficiency and an emission level for one or more of the categories. The method furthermore comprises providing an alert to a user of a vehicle based on a comparison of an fuel efficiency of the vehicle, the average fuel efficiency the vehicleTMs category and a predefined threshold.

No. of Pages : 23 No. of Claims : 19

(22) Date of filing of Application :20/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : A COST EFFECTIVE, PROCESS FOR THE WASTE TREATMENT GENERATED FROM THE MANUFACTURING OF PHTHALOCYANINE COMPOUNDS

(51) International classification	:C09B	(71)Name of Applicant :
(31) International classification	47/04	1)PATEL Suraj Dhirubhai
(31) Priority Document No	:NA	Address of Applicant :B 1/4, IIa Society, India Colony Road,
(32) Priority Date	:NA	Thakkarbapanagar, Ahmedabad-382350, Gujarat, India Gujarat India
(33) Name of priority country	:NA	2)BANERJEE Shayan Biresh
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BANERJEE Shayan Biresh
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a novel process to treat and derive commercially important chemicals from ammonical waste stream generated from the manufacture of phthalocyanine pigments. Phthalocyanine industries generate a lot of liquid waste containing commercially important elements such as copper, molybdenum and ammonia. The process comprises the separation of metals as their sulphides, ammonical components as ammonium sulphate and the phathalo components which increase the COD and BOD as organic residues. This process describes a sequential method for the treatment.

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

(22) Date of filing of Application :07/09/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : LEVEL MEASURING INSTRUMENT HAVING STAFF WITH PHOTOTRANSISTOR

	(71)Name of Applicant : 1)BHAMARE SWAPNIL PRASHANT
G01F	Address of Applicant :31, THAKURSING BABA
23/00	NAGAR,NANDURBAR-425412, MAHARASHTRA, INDIA.
:NA	Maharashtra India
:NA	2)PATIL SEJAL GIRISH
:NA	(72)Name of Inventor :
:NA	1)BHAMARE SWAPNIL PRASHANT
:NA	2)PATIL SEJAL GIRISH
: NA	
:NA	
:NA	
:NA	
:NA	
	11/00, G01F 23/00 :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

A level measuring instrument including a staff having a plurality of phototransistor located along the length of the staff with predetermined spacings. The phototransistor produces coded lights, which are distinguishable with each other. The instrument measure the distance as well as height of the laser beams is varied. Several individual measurements are made during a measuring cycle and because of the height variation of the laser beam these give different height values. Further includes a light receiving optical system and an electrical system, which discriminates a particular phototransistor, which has produced the light as received by the optical system.

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

(22) Date of filing of Application :11/12/2015

(21) Application No.4660/MUM/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : KNOB FOR AUTOMATIC ON AND OFF OF INDICATOR.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	15/00 :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SHUBHAM BALASAHEB MATRE Address of Applicant :SHREEKRISHNA COLONY, SHASTRINAGAR, RAHATNI ROAD, SR. NO.34/2/1, RAHATNI, TAL.: HAWELI, PUNE-411 017, MAHARASHTRA, INDIA. Maharashtra India 2)PURUSHOTTAM ASHOK KHATAKE (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)SHUBHAM BALASAHEB MATRE 2)PURUSHOTTAM ASHOK KHATAKE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The device determine the activation & deactivation of the indicator for vehicle. As the device is manually operated that is it is a mechanical device by means of which there will be ON & OFF indicator [i.e. right from signal for right turn and left turn for leftside] If the steering wheel is turned slightly the indicator will activate automatically and if the steering wheel is when brought back to original position then indicator will automatically off ,Hence this method will be very useful on the highways because some people does not give indicator while changing lane due to which accidents occours , Hence by this system the accidents can be prevented from occuring mainly on highways.

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

(22) Date of filing of Application :15/05/2015

(21) Application No.1917/MUM/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SEMI / AUTOMATIC SANITARY NAPKIN MAKING MACHINE

(51) International classification	:A61F13/15	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AFZAL SHAIKH M. J.
(32) Priority Date	:NA	Address of Applicant :SHIV SHAKTI COMPLEX, 'B' WING, FLAT
(33) Name of priority country	:NA	NO. 103, YARI ROAD, VERSOVA, ANDHERI (WEST), MUMBAI -
(86) International Application No	:NA	400 061, MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AFZAL SHAIKH M. J.
(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 machine for manufacturing sanitary pads comprising: a pulveriser unit for pulverising pulp or cotton being used in the sanitary pad, a power pressing unit for providing reasonable force to press the sanitary pad, a sealing unit to seal the pulp or cotton in a fabric being used in the sanitary pad, an adhesive application unit to apply adhesive material on back side of the sanitary pad to close the sanitary pad, and an ultraviolet sterilizing unit for sterilizing the sanitary pads. The machine of present invention enables production of the sanitary pads in an economic way. Further, since all the units of the machine are separate, even in case of failure of any of the unit, the production work goes on as the other units are still working. This feature increases the production efficiency of the sanitary pads. (Fig. 1)

No. of Pages : 25 No. of Claims : 7

(22) Date of filing of Application :17/12/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ROTOR ENERGY GEARED UP NORMAL DISCHARGE ENGINE.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F02B 53/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)PATIL RAHUL RAMHARI Address of Applicant :MAULI, YASHWANT NAGAR, CANAL ROAD, BEED-431122, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor : 1)PATIL RAHUL RAMHARI
(87) 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 :

[0023] A split cycle rotary engine disclosed here works under normal discharge from piston, where compression part is performed by reciprocating piston and expansion part is performed In rotor casing both the sections are connected by means of rotary valve when the air-fuel mixture that is charge is drawn from intake system to the reciprocating piston cylinder arrangement it get compressed as piston approached towards the top dead center the charge is transferred in into expansion part. When charge transferred into expansion profile its fired in the combustion chamber that is formed by expansion profile on rotor, vane and casing the mixture then fired by means of spark plug present on combustion chamber. The expanded gasses travelled to next transfer port the gasses scratch out of casing. The vane always carries fresh charge at leading side and burned gasses on trailing side.

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

(22) Date of filing of Application :28/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MEDIATOR SWITCH CONTROL SYSTEM. :H05B (71)Name of Applicant : (51) International classification 1)MR.AMIT KUMAR YADAV 37/00 (31) Priority Document No :NA Address of Applicant :50-A, PREM NAGAR, NEAR REGAL (32) Priority Date :NA TOWN, AWADHPURI, BHOPAL-462 021, M. P., INDIA. Madhya (33) Name of priority country :NA Pradesh India (86) International Application No :NA 2)ARUNENDRA SINGH SACHAN Filing Date :NA (72)Name of Inventor : (87) International Publication No : NA 1)AMIT KUMAR YADAV (61) Patent of Addition to Application Number 2)ARUNENDRA SINGH SACHAN :NA Filing Date :NA (62) Divisional to Application Number :NA

:NA

(57) Abstract :

Filing Date

A mediator switch is provided which is capable of performing functions of two two-way switches. The mediator switch can control multiple lighting units from multiple locations and also one lighting unit from multiple locations. The mediator switch comprises of two way switch, phase connection, diagonally connected ports and lighting units. The mediator switch is easy to manufacture and provide convenience of operation and also helps in saving energy.

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

(22) Date of filing of Application :30/11/2015

(21) Application No.6434/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A SMART CLOSURE UNIT FOR A WRITING APPARATUS

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore
(33) Name of priority country	:NA	560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIJAY KUMAR
(87) International Publication No	: NA	2)THOMAS CHITTAKATTU NINAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

(57) Abstract :

The present disclosure relates to a smart closure unit for a writing apparatus. The closure unit comprises a diaphragm film, a camera and a control unit. The diaphragm film comes in contact with writing nib of the writing apparatus when the writing apparatus is closed by the closure unit. The camera captures an image of the diaphragm film when the writing nib of the writing apparatus is in contact with the diaphragm film. The control unit compares the captured image received from the camera with one or more predefined images, wherein each of the predefined images is associated with an ink intensity value. The ink intensity value indicates percentage of ink present in the writing apparatus. The control unit further detects the ink intensity value corresponding to the matched predefined image. Furthermore, a user interface in the closure unit displays one or more information related to the writing apparatus. Fig. 3

No. of Pages : 27 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :26/11/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR ADMISSION CONTROL IN D2D COMMUNICATION IN A WIRELESS

BROADBAND NETWORK		
(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore
(33) Name of priority country	:NA	560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :

:NA

: NA

:NA

:NA

:NA

:NA

1)SAPTARSHI CHAUDHURI 2)IRFAN BAIG

(57) Abstract :

Filing Date

Filing Date

Filing Date

(87) International Publication No

(62) Divisional to Application Number

(61) Patent of Addition to Application Number

This disclosure relates generally to wireless communication systems, and more particularly to methods and systems for admission control in D2D communication in a wireless broadband network. In one embodiment, a method is disclosed for admission control in device-to-device communication in a wireless broadband network. The method may comprise receiving, via the hardware processor, proximity-based device-to-device discovery requests; and classifying, via the hardware processor, the received proximity-based device-to-device discovery requests into bins. The method may further include determining, via the hardware processor, priority levels for the bins; and selecting, via the hardware processor, one of the bins as having a highest priority level. The method may also include identifying in a first-in-first-out manner, via the hardware processor, a proximity-based device-to-device discovery requests classified into the selected bin; and generating and providing, via the hardware processor, a proximity-based device-to-device discovery request.

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

(22) Date of filing of Application :03/12/2015

(21) Application No.6489/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMIZING TEST SUITE COMPRISING PLURALITY OF TEST CASES

(51) International classification	COSE	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore
(33) Name of priority country	:NA	560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GIRISH RAGHAVAN
(87) International Publication No	: NA	2)FATHIMA JAHAARA
(61) Patent of Addition to Application Number	:NA	3)THAMILCHELVI PETERBARNABAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a method for optimizing test suite comprising plurality of test cases. The method comprises receiving, a test suite comprising a plurality of test cases along with one or more optimization parameters from one or more sources. The method further comprises computing similarity index scores of each test case by comparing test case scenario of each test case of the plurality of test cases with a first reference test case scenario. The method further comprises identifying first set of one or more test cases among the plurality of test cases requiring optimization when the similarity index scores of the one or more test cases is equal to or more than a predetermined threshold score. The method further comprises performing one or more events on the identified first set of one or more test cases for optimizing the test suite. Figure 3

No. of Pages : 42 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :01/12/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYNTHESIS OF A NEW CLASS INSULATORS AND DIELECTRICS FROM INDUSTRIAL SOLID WASTE - A NOVEL 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 	:NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)GURUGUBELLI SWAMI NAIDU Address of Applicant :S/0 G. Dali Naidu # 39-22-54/7/2, Kalinganagar, Madhavadhara, Visakhapatnam, INDIA - 530007 Andhra Pradesh India (72)Name of Inventor : 1)GURUGUBELLI SWAMI NAIDU
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application NumberFiling Date	:NA :NA	

(57) Abstract :

The present invention relates to production of dielectric materials using industrial solid waste. More specifically, the present invention utilizes solid waste products from industrial wastes like red mud, fly ash in combination with blast furnace slag to yield a composition with better insulation and dielectric properties. Further the present invention reduces environmental hazards caused by the large scale disposal of red mud by using the same on commercial scale for the production of insulating and dielectric materials.

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

(22) Date of filing of Application :24/11/2015

(21) Application No.6324/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR MULTI FUEL EMISSION IN POWER PLANT OPERATION

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHINTALAPUDI V SURESH
(32) Priority Date	:NA	Address of Applicant :5-170/K, Maruthi Nagar, Near APSP,
(33) Name of priority country	:NA	Kakinada-533005, Andhra Pradesh, India. Andhra Pradesh India
(86) International Application No	:NA	2)SIRIGIRI SIVANAGARAJU
Filing Date	:NA	3)A.V. NARESH BABU
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)CHINTALAPUDI V SURESH
Filing Date	:NA	2)SIRIGIRI SIVANAGARAJU
(62) Divisional to Application Number	:NA	3)A.V. NARESH BABU
Filing Date	:NA	
		•

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a system and method for multi fuel emission in power plant operation. The system includes a fuel controlling unit configured to dispatch a multiple fuels to at least one turbine input and an optimum power flow unit configured to determine the optimum power flow configured to problems and control parameters. An operating unit configured to the multi-stage initialization process and which enables an optimized power flow under practical constraints and device limits; wherein the cost of fuel decreases in reactive power generation. A unified power flow controller (UPFC) unit configured to satisfying equality, inequality, practical constraints further comprising ramp-rate and prohibited operating zone (POZ) limits and device operating limits and the power plant configured to increase and decrease the emission levels.

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

(22) Date of filing of Application :27/11/2015

(21) Application No.6380/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : ROOT-CAUSE IDENTIFICATION SYSTEM AND METHOD FOR IDENTIFYING ROOT-CAUSE OF ISSUES OF SOFTWARE APPLICATIONS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore
(33) Name of priority country	:NA	560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SURYA VORGANTI
(87) 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 disclosure relates to a method for identifying root-cause of issues of software applications. The method comprises receiving one or more log files associated to software applications. The one or more log files are filtered to determine pattern of each log file of the one or more log files. One or more types of issues associated with each of the one or more log files are determined based on the pattern of corresponding one or more log files. Trend of the one or more types of issues are estimated by comparing the one or more types of issues with historical data relating to corresponding pattern of log file. The root-cause of issues of the one or more software applications is identified based on at least one of the one or more types of issues and the trend of the one or more type of issues. Figure 3

No. of Pages : 40 No. of Claims : 19

(22) Date of filing of Application :26/11/2015

(21) Application No.6358/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING RESOLUTION OF AN INCIDENT TICKET

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore
(33) Name of priority country	:NA	560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ARTHI VENKATARAMAN
(87) 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 disclosure relates generally to incident management, and more particularly to system and method for managing resolution of an incident ticket. In one embodiment, an incident management device for managing resolution of the incident ticket is disclosed. The incident management device comprises a processor and a memory communicatively coupled to the processor. The memory stores processor instructions, which, on execution, causes the processor to identify an incident ticket state based on data associated with the incident ticket. The processor further determines one or more resolution performance indicators related to the incident ticket state and rates the incident ticket based on a rating for each resolution performance indicator of the one or more resolution performance indicators. FIG. 1

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

(19) INDIA

(22) Date of filing of Application :27/11/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR IDENTIFYING RISKS AND ASSOCIATED ROOT CAUSES IN SUPPLY CHAIN NETWORKS

(51) International classification :0	G06F	(71)Name of Applicant :
(31) Priority Document No :1	NA	1)WIPRO LIMITED
(32) Priority Date :1	NA	Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore
(33) Name of priority country	NA	560035, Karnataka, India. Karnataka India
(86) International Application No :1	NA	(72)Name of Inventor :
Filing Date :1	NA	1)SELVAKUBERAN KARUPPASAMY
(87) International Publication No :	NA	
(61) Patent of Addition to Application Number :1	NA	
Filing Date :1	NA	
(62) Divisional to Application Number :1	NA	
Filing Date :1	NA	

(57) Abstract :

This disclosure relates generally to supply chain networks and more particularly to methods and systems for identifying risks and associated root causes in supply chain networks. In one embodiment, the method includes receiving, via a risk analyzing device, a user query; performing, via the risk analyzing device, natural language processing and text analysis on the user query to derive contextually relevant keywords from the user query; categorizing, via the risk analyzing device, the contextually relevant keywords into a risk category selected from a plurality of risk categories; identifying, via the risk analyzing device, a risk in the supply chain network based on the contextually relevant keywords and the risk category; and detecting, via the risk analyzing device, a root cause from amongst a plurality of root causes associated with the risk using a causal analysis algorithm.

No. of Pages : 23 No. of Claims : 18

(22) Date of filing of Application :06/11/2015

(21) Application No.6024/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : FLOWER TYING MACHINE

(51) International classification	:B65B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B.V. Bhoomaraddi College of Engineering and Technology
(32) Priority Date	:NA	Address of Applicant :B.V. Bhoomaraddi College of Engineering and
(33) Name of priority country	:NA	Technology Vidyanagar, Hubli - 580 031. Karnataka State - INDIA.
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Mr. Arun Y. Patil
(61) Patent of Addition to Application Number	:NA	2)Mr. Tajammul Hussain Mysore
Filing Date	:NA	3)Dr. Krishnaraja G. Kodancha
(62) Divisional to Application Number	:NA	4)Dr. Prakash G. Tewari,
Filing Date	:NA	5)Dr. Ashok Shettar

(57) Abstract :

The present invention is related to an assembly line for tying more than one flower. The assembly line has a conveyor belt that receives the flowers and transports it along the assembly line and a tying device ties the flowers. The assembly line has a pair of hoppers that receive the flowers. A chute is present and is aligned with the hopper to channelize the 5 flowers onto the conveyor belt. There is a tying device that has a bobbin which creates knots for tying the flowers.

No. of Pages : 12 No. of Claims : 9

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : BALL DRYING APPARATUS	
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(51) International classification	:F26B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B.V.Bhoomraddi College of Engineering & Technology
(32) Priority Date	:NA	Address of Applicant :B.V.Bhoomraddi College of Engineering &
(33) Name of priority country	:NA	Technology Vidyanagar, Hubli - 580 031. Karnataka India Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Arun Y Patil
(61) Patent of Addition to Application Number	:NA	2)Saurabh Bidari
Filing Date	:NA	3)Dr. N. R. Banapurmath
(62) Divisional to Application Number	:NA	4)Dr. Ashok Shettar
Filing Date	:NA	
		l

(57) Abstract :

The present invention relates to an apparatus or device where in a ball is subject to a drying mechanism that will help in removing moisture and wetness from the ball. The drying mechanism comprises a first drying mechanism which can absorb moisture and dirt from the surface and a second drying mechanism which is enabled to vaporize the excess moisture and the wetness of the ball by subjecting heat over and around the ball. The introduction of the ball into the apparatus can be implemented by an automatic pushing means and also by manually pressing the ball into the apparatus. The first drying mechanism is placed within the enclosure and consists of an opening at one end wherein the ball can be introduced in to the body and the second opening for pulling or pushing of the ball from the enclosure.

No. of Pages : 12 No. of Claims : 9

(22) Date of filing of Application :27/11/2015

(21) Application No.6390/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMICALLY OPTIMIZING VIDEO QUALITY DURING VIDEO TRANSMISSION

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant : 1)WIPRO LIMITED Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore
(33) Name of priority country(86) International Application No	:NA :NA	560035, Karnataka, India. Karnataka India (72)Name of Inventor :
Filing Date	:NA	1)RUDRENDU ROY
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This disclosure relates generally to communication networks, and more particularly to a system and method for dynamically optimizing a quality of a video being transmitted over a communication network. In one embodiment, the method comprises acquiring a plurality of video transmission parameters for the video being transmitted. The method further comprises deriving an optimum value for each of the plurality of video transmission parameters based on a predefined indicator of an acceptable quality of the video using meta-heuristic harmony search algorithm. The method further comprises dynamically optimizing the quality of the video based on the optimum value for each of the plurality of video transmission parameters. FIG. 3

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

(22) Date of filing of Application :02/09/2015

(21) Application No.4628/CHE/2015 A

(43) Publication Date : 08/01/2016

 54) Title of the invention : NANOCOMPOSITES FOR 51) International classification 31) Priority Document No 32) Priority Date 33) Name of priority country 86) International Application No Filing Date 87) International Publication No 61) Patent of Addition to Application Number Filing Date 62) Divisional to Application Number Filing Date 	R CUTTING TOOL TIP :C23C :NA :OJD nagaraj R Banapur
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(57) Abstract :

Embodiments of the present invention disclose a nanocomposite coating disposed on a cutting tool tip. The nanocomposite coating includes graphene particles and molybdenum disulphide particles. The size of the particles are less than ten nanometers. The cutting tool tip is coated with the nanocomposite coating which enhances a hardness of the cutting tool tip.

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

(22) Date of filing of Application :21/11/2015

(21) Application No.6277/CHE/2015 A

(54) Title of the invention : A THIN FILM REACTOR FOR OBTAINING CARDANOL $\, \bullet \,$

	((71)Name of Applicant :
(31) Priority Document No :NA	1)Dr. Raj Mohan B
(32) Priority Date :NA	Address of Applicant :Associate Professor, Department of Chemical
(33) Name of priority country :NA	Engineering,NITK Surathkal, Srinivasnagar, Mangalore - 575025
(86) International Application No :NA	Karnataka India
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	1)Dr. Raj Mohan B
(61) Patent of Addition to Application Number :NA	2)Shrutee L
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The invention provides a rapid and environmental friendly method for obtaining cardanol from cashew nut shell extract involves preparing a reaction mixture, establishing a pre heated environment for allowing the reaction of the mixture further allowing the reaction mixture to be transiently residence in the preheated environment for a pre-determined duration of time to obtain cardanol. A thin film reactor for obtaining cardanol from cashew nut shell extract is also provided.

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

(22) Date of filing of Application :03/12/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR TEMPERATURE ADJUSTMENTS AND AIR FILTRATION INSIDE A HELMET

		(71)Name of Applicant :
(51) International classification	:H01L	1)KAUSTHUB KAUNDINYA.Y
(31) Priority Document No	:NA	Address of Applicant :H. No.12/13/645/D/1, Lane beside Deccan
(32) Priority Date	:NA	Grameena Bank, Street no.14, Nagarjuna Nagar, Tarnaka, Hyderabad-
(33) Name of priority country	:NA	500017, Telangana, India. Telangana India
(86) International Application No	:NA	2)D.ANAND KUMAR
Filing Date	:NA	3)P.NIKHIL
(87) International Publication No	: NA	4)KOMMULA SREEKANTH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAUSTHUB KAUNDINYA.Y
(62) Divisional to Application Number	:NA	2)D.ANAND KUMAR
Filing Date	:NA	3)P.NIKHIL
		4)KOMMULA SREEKANTH

(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a system and method for controlling temperature inside a helmet. The system comprising at least two thermoelectric modules having at least one cooling thermoelectric module and at least one heating thermoelectric module configured inside the helmet. A phase change material disposed within the helmet and selectively coupled to the thermoelectric modules, wherein the phase change material configured between a user head and the thermoelectric modules. The system further includes a plurality of air passage channels provided to the helmet, whereby a plurality of air nozzles secured to the plurality of air passage channels and a plurality of air filters attached to the plurality of air passage channels.

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

(22) Date of filing of Application :17/06/2015

(21) Application No.3034/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A SYSTEM AND A METHOD FOR POSITIONING OF GRAPHICS OR PATTERN ON A STRIP OF FABRIC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06K :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Ayush Bagla Address of Applicant :3rd Floor, No 85 Sheriff House Richmond Road Bangalore 560025 Karnataka India Karnataka India (72)Name of Inventor : 1)Ayush Bagla
(87) International Publication No(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for automated band positioning based on image processing captures image of the band using a camera, and compares the captured image with a reference image. Upon detecting any variation i.e. if the captured image is not matching with the reference image, then the system calculates an error value, 5 based on difference between the captured image and reference image. Further, the system identifies a direction, and a distance based on which the band is repositioned such that if an image of the band is captured, it matches the reference image. This implies that the band is positioned such that it can be cut as per requirements achieving high productivity, in terms of positioning of a 10 name/logo/information on the band. FIG. 2

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

(22) Date of filing of Application :30/11/2015

(21) Application No.6429/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A NOVEL POLYMORPHIC FORM SEQ-1 OF RIFAXIMIN

(57) Abstract :

Disclosed herein is a stable crystalline form SEQ-1 of Rifaximin characterised by having X-ray powder diffraction pattern as given in figure 1, having a 2 peaks at 7.2 and a broad obtuse peak centred at 2 value 20.0, further characterized by a scanning electron microscope image as given in figure 2, further characterized by a polarising microscope image as given in figure 3, still further characterized by morphology data as given in figure 4.

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

(22) Date of filing of Application :24/11/2015

(21) Application No.6321/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A SYSTEM TO DETERMINE SOLAR IRRADIATION

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B.V.Bhoomaraddi College of Engineering and Technology
(32) Priority Date	:NA	Address of Applicant : B.V.Bhoomaraddi College of Engineering and
(33) Name of priority country	:NA	Technology Vidyanagar, Hubli - 580 031. Karnataka State - INDIA.
(86) International Application No	:NA	Phone : +91 - 836 - 2374150, 2378123 Fax : +91 - 836 - 2374985 E-mail
Filing Date	:NA	: infodesk@bvb.edu Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Mr.Rakesh P. Tapaskar
Filing Date	:NA	2)Mr.Mahesh B. Gorawar,
(62) Divisional to Application Number	:NA	3)Dr.Prashant P. Revankar,
Filing Date	:NA	4)Dr.Prakash G. Tewari,

(57) Abstract :

A system to determine solar irradiation includes a microcontroller which receives a digital value based on solar radiation, selects a computing mechanism from a group of computing mechanism based on the digital value, and using the selected computing mechanism and the digital value determines the solar irradiation.

No. of Pages : 12 No. of Claims : 9

(22) Date of filing of Application :24/11/2015

(21) Application No.6322/CHE/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMIZING SOFTWARE TESTING PROCESS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore
(33) Name of priority country	:NA	560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VENKATA SUBRAMANIAN JAYARAMAN
(87) International Publication No	: NA	2)SUMITHRA SUNDARESAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

Embodiments of the present disclosure disclose a method and a device for optimizing software testing process. The method comprises receiving input data from one or more test management systems and one or more project complexity systems. The method also comprises computing an effort index value by correlating the input data based on at least one parameter associated with the one or more project complexity systems. The method further comprises obtaining an effectiveness value based on the effort index value and the input data and optimizing the software testing process by computing a usefulness value associated with the input data and the effectiveness value. FIGURE 4

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

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION	(21) Application No.5285/DELNP/2015 A
(19) INDIA	
(22) Date of filing of Application :17/06/2015	(43) Publication Date : 08/01/2016

(54) Title of the invention : SEAL ASSEMBLY INCLUDING GROOVES IN AN INNER SHROUD IN A GAS TURBINE ENGINE

(51) International classification	:F01D11/00,F01D11/04,F01D5/08	(71)Name of Applicant :
(31) Priority Document No	:13/747868	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:23/01/2013	Address of Applicant :Wittelsbacherplatz 2, 80333 M ¹ / ₄ nchen
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/EP2014/051209	(72)Name of Inventor :
Filing Date	:22/01/2014	1)LEE ,Ching -Pang
(87) International Publication No	:WO 2014/114662	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	r :NA	
Filing Date	:NA	
(***) 11		L

(57) Abstract :

A seal assembly between a disc cavity and a hot gas path in a gas turbine engine includes a rotating blade assembly having a plurality of blades that rotate with a turbine rotor during operation of the engine, and a stationary vane assembly having a plurality of vanes and an inner shroud. The inner shroud includes a radially outwardly facing first surface, a radially inwardly facing second surface, and a plurality of grooves extending into the second surface. The grooves are arranged such that a space having a component in a circumferential direction is defined between adjacent grooves. During operation of the engine, the grooves guide purge air out of the disc cavity toward the hot gas path such that the purge air flows in a desired direction with reference to a direction of hot gas flow through the hot gas path.

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

(22) Date of filing of Application :17/06/2015

(21) Application No.5286/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : LOW FE GLASS FOR IR TOUCH SCREEN APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C03C1/00,C03C3/00,C03C4/00 :61/731671 :30/11/2012 :U.S.A. :PCT/US2013/072157 :27/11/2013 :WO 2014/085535 :NA :NA :NA :NA	 (71)Name of Applicant : CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza, Corning ,New York 14831 U.S.A. KING, Jeffrey Stapleton Name of Inventor : KING ,Jeffrey Stapleton
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(57) Abstract :

A high optical transmittance glass for use in electronic touch screen applications is disclosed. The glass materials are principally directed to use in frustrated total internal reflection applications. The glass compositions are composed of either low concentrations of light -absorbing compounds or have low levels of scattering centers to minimize the amount of light attenuation as the light propagates through the material.

No. of Pages : 43 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : GLASS SEALING WITH TRANSPARENT MATERIALS HAVING TRANSIENT ABSORPTION PROPERTIES

(51) International classification	:C03C3/247,C03C4/08,C03C8/24	(71)Name of Applicant :
(31) Priority Document No	:61/731784	1)CORNING INCORPORATED
(32) Priority Date	:30/11/2012	Address of Applicant :1 Riverfront Plaza, Corning, New York 14831
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/071952	2)LOGUNOV, Stephan, Lvovich
Filing Date	:26/11/2013	3)QUESADA, Mark, Alejandro
(87) International Publication No	:WO 2014/085427	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)LOGUNOV, Stephan ,Lvovich
Number	:NA	2)QUESADA, Mark ,Alejandro
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Transparent glass- to -glass hermetic seals are formed by providing a low melting temperature sealing glass along a sealing interface between two glass substrates and irradiating the interface with laser radiation. Absorption by the sealing glass and induced transient absorption by the glass substrates along the sealing interface causes localized heating and melting of both the sealing glass layer and the substrate materials , which results in the formation of a glass- to -glass weld. Due to the transient absorption by the substrate material, the sealed region is transparent upon cooling.

No. of Pages : 30 No. of Claims : 28

(22) Date of filing of Application :17/06/2015

(21) Application No.5288/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD OF OPERATING A GAS TURBINE FOR REDUCED AMMONIA SLIP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:13/747514 :23/01/2013 :U.S.A. :PCT/EP2014/051188 :22/01/2014 :WO 2014/114656	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2, 80333 M¼nchen Germany (72)Name of Inventor : 1)HAYWOOD ,Jordan M. 2)KAGOLANU ,Ramesh
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	:WO 2014/114656 :NA :NA	2)KAGOLANU ,Ramesh
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Described herein are methods of operating a gas turbine engine (12) for reduced ammonia slip. An exemplary method (100) includes operating (102) the engine over a range of power output levels; controlling (104) a mass flow of NOx produced in exhaust (19) of the engine to be within 10% over the range of power output levels; and treating (106) the exhaust of the engine in a selective catalytic reduction process (22). In this way, the production of NOx and a corresponding flow of reducing agent (33) utilized in the SCR process remain relatively constant in terms of mass (molar) flow throughout the range of power output levels and ammonia slip is controlled.

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

(22) Date of filing of Application :17/06/2015

(21) Application No.5289/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : DENTAL IMPLANT UNIT

(51) International classification	:A61C8/00,A61C13/00	(71)Name of Applicant :
(31) Priority Document No	:12515144	1)TIGRAN TECHNOLOGIES AB (PUBL)
(32) Priority Date	:27/12/2012	Address of Applicant :Medeon Science Park, S- 205 12 Malm Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2013/051593	1)BJURSTEN, Lars Magnus
Filing Date	:20/12/2013	2)NILSSON, Sven -Erik
(87) International Publication No	:WO 2014/104966	3)AX‰N ,Niklas
(61) Patent of Addition to Application Number	:NA	4)HILBORN ,Jns Gunnar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes a dental implant umt comprising titanium, wherein the dental implant unit has atleast one surface (end) for connection and a lateral surface covering all of the implant unit but the connecting end and wherein the lateral surface comprises a layer of synthetically created titanium dioxide and wherein at least the end for connection is free from synthetically created titanium dioxide. Furthermore, the present invention is related to both full-body implants, such as screws, abutments, implant parts, bridges or crowns, and smaller implant bodies, such as particles, grains or granules. In the latter case, the present invention is directed to a whitened implantable dental unit, said dental unit comprising titanium in the form of a titanium metal or titanium alloy, and/or in the form of titanium oxide, said dental unit having a surface comprising synthetically created titanium dioxide and which surface also comprises fluoride bound to the surface. Moreover, the present invention is also related to a method for the production of a whitened implantable dental unit, said method comprising thermal oxidation of a dental implant unit comprising titanium and being solid or porous in the presence of fluoride ions, for the production of a whitened implantable dental unit having a surface comprising synthetically created titanium dioxide.

No. of Pages : 22 No. of Claims : 24

(22) Date of filing of Application :04/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A TRIAC CONTROLLED REGULATED DC POWER SUPPLY WITH IMPROVED FIRING METHOD FOR ACCURATE AND RELIABLE OPERATION

	1100111/00	
(51) International classification	:H02M1/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENETIX BIOTECH ASIA (P) LTD.
(32) Priority Date	:NA	Address of Applicant :71/1, IST FLOOR, SHIVAJI MARG,
(33) Name of priority country	:NA	NAJAFGARH ROAD, NEW DELHI-110015. Delhi India
(86) International Application No	:NA	2)SANTOSH KUMAR JHA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SANTOSH KUMAR JHA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There are many AC to DC power supply designs available including Thyristor ones. Present innovation suggests a novel method of arrangements of components like Triac, op-Amp & resistors. This design incorporates lesser components to provide a wide range of operation. Output Power rating can be increased to any practical limits by just changing transformer capacity and Triac rating. A power transformer is fed through a Triac chopper. Firing angle of chopper is decided by a pulse position modulator which receives trigger from a comparator which constantly compares output voltage/ current (depending on selection) and pre-set value from a potentio meter. F1G:1

No. of Pages : 9 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SEAL ASSEMBLY IN A GAS TURBINE ENGINE INCLUDING GROOVES IN A RADIALLY OUTWARDLY FACING SIDE OF A PLATFORM AND IN A INWARDLY FACING SIDE OF AN INNER SHROUD

(51) International classification (31) Priority Document No	:F01D11/00,F01D11/04,F01D5/08 :13/747868	(71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT
(31) Priority Document No (32) Priority Date	:13/74/808	Address of Applicant :Wittelsbacherplatz 2, 80333 M ¹ /4nchen
(32) Name of priority country		Germany
(86) International Application No	:PCT/US2014/012525	(72)Name of Inventor :
Filing Date	:22/01/2014	1)LEE, Ching -Pang
(87) International Publication No	:WO 2014/143413	-);gg
(61) Patent of Addition to Application	NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A seal assembly between a disc cavity and a turbine section hot gas path includes a stationary vane assembly and a rotating blade assembly downstream from the vane assembly and including a plurality of blades that are supported on a platform and rotate with a turbine rotor and the platform during operation of the engine. The platform includes a radially outwardly facing first surface, a radially inwardly facing second surface, a third surface, and a plurality of grooves extending into the third surface. The grooves are arranged such that a space is defined between adjacent grooves. During operation of the engine, the grooves guide purge air out of the disc cavity toward the hot gas path such that the purge air flows in a desired direction with reference to a direction of hot gas flow through the hot gas path.

No. of Pages : 36 No. of Claims : 20

(22) Date of filing of Application :17/06/2015

(21) Application No.5294/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : THERMAL TRANS	ISTOR	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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)CLIMATEWELL AB (PUBL) Address of Applicant :Instrumentvgen 20, S -126 53 Hgersten Sweden (72)Name of Inventor : 1)BOLIN, Gran
		l

(57) Abstract :

A heat pipe comprises a condenser, an evaporator, a working fluid, a displacement vessel and at least one connecting pipe. The volume available for the working fluid inside the displacement vessel is adjustable, said volume being adapted to change by a rotating movement of a body. In one embodiment external heat pipes allow several different heat sources to be connected. Advantages include that the capability of transferring heat can be adjusted and fine tuned to the desired value. Less force is required to rotate the body inside the displacement vessel. No energy input is required to hold the body in a desired position. The construction is simple and inexpensive to manufacture. In particular the construction is easy to manufacture in different volumes, since the diameter of the displacement vessel and rotating body can be the same but with a longer displacement vessel.

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

(19) INDIA

(22) Date of filing of Application :17/06/2015

(21) Application No.5295/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : INTEGRATED PROCESS FOR MAKING ACETIC ACID

 (51) International classification (31) Priority Document 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/EP2013/077485 :19/12/2013 :WO 2014/096254	 (71)Name of Applicant : 1)BP CHEMICALS LIMITED Address of Applicant :Chertsey Road, Sunbury on Thames Middlesex TW16 7BP U.K. (72)Name of Inventor : 1)BRISTOW, Timothy Crispin
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An integrated process for the production of acetic acid by carbonylating dimethyl ether with synthesis gas to form methyl acetate and unreacted synthesis gas, utilising the unreacted synthesis gas to produce methanol, dehydrating and hydrolysing a mixture of methyl acetate and methanol to produce acetic acid and dimethyl ether and recovering acetic acid therefrom.

No. of Pages : 91 No. of Claims : 38

(22) Date of filing of Application :17/06/2015

(21) Application No.5296/DELNP/2015 A

(43) Publication Date : 08/01/2016

(51) International classification	:F01N3/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KOMATSU LTD.
(32) Priority Date	:NA	Address of Applicant :2- 3- 6 ,Akasaka ,Minato- ku, Tokyo 1078414
(33) Name of priority country	:NA	Japan
(86) International Application No	:PCT/JP2013/076326	(72)Name of Inventor :
Filing Date	:27/09/2013	1)OKUDA Kozo
(87) International Publication No	:WO 2015/045113	2)OHI Hideyuki
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : REDUCING AGENT TANK AND WORK VEHICLE

(57) Abstract :

A reducing agent tank (9) is provided with a tank main body (91) and a gauge member (92). The tank main body (91) is used to store a reducing agent. The gauge member (92) is attached to the outside surface of a first side plate (911). The gauge member (92) has a tubular shape and is connected with the interior of the tank main body (91). The gauge member (92) is inclined with respect to a bottom plate (910). It is possible to replenish the reducing agent from a replenishing port (93a) in the tank main body (91). The replenishing port (93a) and the gauge member (92) are arranged along a direction that follows the outside surface of the first side plate (911) in a planar view.

No. of Pages : 37 No. of Claims : 7

(22) Date of filing of Application :17/06/2015

(21) Application No.5300/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR AUGMENTING TWAMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/24,H04L12/26 :61/737730 :14/12/2012 :U.S.A. :PCT/IB2013/059922 :06/11/2013 :WO 2014/091327 :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)ALLAN, David Ian 2)CHAKRABARTI ,Samita
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(57) Abstract :

According to another embodiment of the invention TWAMP path discovery is performed to determine a sequence of IP addresses of a forward direction TWAMP E2E path to be traversed by two different TWAMP test sessions between a Sender and a Reflector. Then, additional TWAMP test request packets are transmitted for the different TWAMP test sessions; and TWAMP test reply messages are received responsive to respective ones of the TWAMP test request packets. Responsive to the TWAMP test reply messages, a PM is determined that is specific to the different sequences of IP addresses of the forward direction TWAMP E2E paths traversed by the two different TWAMP test sessions.

No. of Pages : 35 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ULTRAHIGH STRENGTH FERRITIC STEEL STRENGTHENED BY USING CU -RICH NANOCLUSTERS AND MANUFACTURING THEREOF

(51) International classification	:C22C38/16	(71)Name of Applicant :
(31) Priority Document No	:201310081053.6	1)CITY UNIVERSITY OF HONG KONG
(32) Priority Date	:13/03/2013	Address of Applicant :83 Tat Chee Avenue, Kowloon, Tong Hong
(33) Name of priority country	:China	Kong China
(86) International Application No	:PCT/CN2014/073406	(72)Name of Inventor :
Filing Date	:13/03/2014	1)LIU, Chain- tsuan
(87) International Publication No	:WO 2014/139453	2)JIAO, Zengbao
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ultrahigh strength ferritic steel strengthened by using Cu -rich nanoclusters, and a manufacturing thereof. Components of the steel in weight percentage are as following: C (0 to 0.2%), Cu (0.5 to 5%), Ni (0.01 to 4%), Mn (0.01 to 4%), Al (0.001 to 2%), Cr (0 to 12%), Mo (0 to 3%), W (0 to 3%), Mo+W (not lower than 0.05%), V (0 to 0.5%), Ti (0 to 0.5%), Nb (0 to 0.5%), V+Ti+Nb (not lower than 0.01%), Si (0 to 1%), B (0.0005 to 0.05%), P (not higher than 0.04%), S (not higher than 0.04%), N (not higher than 0.04%), O (not higher than 0.05%), and the remaining are Fe and unavoidable impurities. Melting, casting forging and rolling, and ageing treatment are performed to obtain a ferritic steel which mainly comprises nanoclusters and combined with cryptomere, and receives solid solution and dislocations strengthening treatment, thereby obtaining outstanding toughness weldability and corrosion resistance.

No. of Pages : 21 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN APPARATUS FOR AUTOMATICALLY DEPOSITING, PRESERVING AND RECOVERING SPECIMENS OF BIOLOGICAL MATERIALS IN/FROM A REFRIGERATED STORE USING TWO DISTINCT STATIC ROBOTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:MI2012A002011 :27/11/2012 :Italy :PCT/EP2013/074534 :25/11/2013 :WO 2014/082944	 (71)Name of Applicant : 1)INPECO HOLDING LTD. Address of Applicant :B2, Industry Street, Qormi QRM 3000 Malta (72)Name of Inventor : 1)PEDRAZZINI, Gianandrea
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(57) Abstract :

There is described an apparatus for automatically depositing, preserving and recovering specimens of biological materials contained in test tubes (2) in/from a refrigerated store (1). Said apparatus comprises two test tube handling devices (3) between test tube containers (5) and carriers (200) positioned on a conveyor (4) adapted to automatically handle said test tubes (2); said two test tube handling devices (3) are intended the one to load said test tubes (2) from the refrigerated store (1) to the conveyor (4) and the other to unload test tubes (2) from the conveyor (4) to the refrigerated store (1). Said test tube containers (5) are handled between said refrigerated store (1) and said test tube handling devices (3) by a container handling device (8).

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

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : STEAM STRIPPING INORGANIC PROCESS LIQUID DISCHARGED FROM HPO® EXTRACTION SECTION AND UTILIZING HEAT OF CONDENSATION

(51) International classification	:C07C249/08,C07C249/14	(71)Name of Applicant :
(31) Priority Document No	:201210587647.X	1)DSM IP ASSETS B.V.
(32) Priority Date	:28/12/2012	Address of Applicant :Het Overloon 1, NL -6411 TE Heerlen
(33) Name of priority country	:China	Netherlands
(86) International Application No	:PCT/EP2013/077057	(72)Name of Inventor :
Filing Date	:18/12/2013	1)TINGE, Johan Thomas
(87) International Publication No	:WO 2014/102106	2)OLZHEIM, Dani«l Julius Maria
(61) Patent of Addition to Application Numb	er :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A continuous process for preparing cyclohexanone oxime comprising steps including passing an extracted aqueous phase comprising organic solvent directly from the extraction zone to a water stripping zone; evaporating at least 5 % by weight of the water present in the extracted aqueous phase; passing the water vapour containing stream into a heat exchanger and transferring energy from the water vapour containing stream to an in- process liquid, thereby heating the in -process liquid and condensing at least part of water vapour containing stream.

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

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : PASSIVE AND ACTIVE SUSPENSION WITH OPTIMIZATION OF ENERGY USAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B60G15/10,F16F9/34,F16F9/50 :13/736269 :08/01/2013 :U.S.A. :PCT/US2013/078415 :31/12/2013	 (71)Name of Applicant : 1)TENNECO AUTOMOTIVE OPERATING COMPANY INC. Address of Applicant :500 North Field Drive, Lake Forest ,IL 60045 U.S.A. (72)Name of Inventor : 1)REYBROUCK ,Koenraad
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/109934 :NA :NA :NA :NA	

(57) Abstract :

A hydraulic actuator includes a shock absorber and a control system that is separate from the shock absorber and which generates damping loads for the hydraulic actuator. The control system generates the damping load by using a pair of variable valves, a pair of check valves, an accumulator, a pump/motor and a flow controller. The forces are generated in all four quadrants of compression/rebound and active/passive. A device which recuperates the energy generated by the hydraulic actuator can be incorporated into the hydraulic actuator to generate energy in the form of electrical energy.

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

(22) Date of filing of Application :17/06/2015

(21) Application No.5323/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : X -RAY REDUCTION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61B6/03,G21K1/02,G21K1/04 :61/730987 :29/11/2012 :U.S.A. :PCT/IB2013/059976 :07/11/2013	1)CONTROLRAD SYSTEMS INC. Address of Applicant :150 N Radnor Chester Road, F200, Radnor ,Pennsylvania 19087 U.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 2014/083459 :NA :NA	1)MELMAN ,Haim Zvi 2)GUEZ ,Allon

(57) Abstract :

A multiple frame x- ray imaging system is disclosed with capability of differential x - ray exposure of different input areas of an image intensifier or other x- ray detector. Collimators are provided to control the amount of radiation in various regions of the image and image processing is provided to provide the display of images of different qualities.

No. of Pages : 115 No. of Claims : 68

(22) Date of filing of Application :17/06/2015

(21) Application No.5324/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : COAXIAL CABLE CONNECTOR HAVING ELECTRICAL CONTINUITY MEMBER

(51) International classification	:H01R11/03	(71)Name of Applicant :
(31) Priority Document No	:61/180,835	1)John Mezzalingua Associates, Inc.
(32) Priority Date	:22/05/2009	Address of Applicant :Legal Department, 6176 East Molloy Rd, East
(33) Name of priority country	:U.S.A.	Syracuse, NY 13057, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/034870	(72)Name of Inventor :
Filing Date	:14/05/2010	1)PURDY, Eric
(87) International Publication No	: NA	2)MONTENA, Noah
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:10172/DELNP/2011	
Filed on	:22/12/2011	

(57) Abstract :

A coaxial cable connector comprising a connector body; a post engageable with connector body, wherein the post includes a flange; a nut, axially rotatable with respect to the post and the connector body, the nut having a first end and an opposing second end, wherein the nut includes an internal lip, and wherein a second end portion of the nut corresponds to the portion of the nut extending from the second end of the nut to the side of the lip of the nut facing the first end of the nut at a point nearest the second end of the nut, and a first end portion of the nut corresponds to the portion of the nut of the same side of the lip facing the first end of the nut to the same point nearest the second end of the nut of the same side of the lip facing the first end of the nut; and a continuity member disposed within the second end portion of the nut and contacting the post and the nut, so that the continuity member extends electrical grounding continuity through the post and the nut is provided.

No. of Pages : 104 No. of Claims : 32

(22) Date of filing of Application :17/06/2015

(21) Application No.5325/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PORTABLE USER INPUT SYSTEM OPERA	BLE IN TWO MODES

(51) International classification	:G06F1/16	(71)Name of Applicant :
(31) Priority Document No	:61/750227	1)SOLATIDO INC.
(32) Priority Date	:08/01/2013	Address of Applicant :536 Emerson Street, Palo Alto, CA 94301
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2014/010127	(72)Name of Inventor :
Filing Date	:03/01/2014	1)SHERLOCK ,Thomas M.
(87) International Publication No	:WO 2014/109949	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable user interface device receives user inputs in two modes. The user interface device includes a central portion attached to two side portions. Relative rotation between the central portion and the side portions converts the user interface device between the two modes. In the first mode, the user interface device is suspended on the front of a user s torso. In the second mode, the user interface device may be placed on a substantially flat horizontal surface

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

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CHLORIN DERIVATIVE USEFUL IN PHOTODYNAMIC THERAPY AND DIAGNOSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:C07D487/22,A61K31/41,A61P3/00 :1222544.7 :14/12/2012 :U.K. :PCT/GB2013/053285 :13/12/2013 :WO 2014/091241 :NA :NA	 (71)Name of Applicant : 1)RMW CHO GROUP LIMITED Address of Applicant :Room 2003 ,20/F Tower A, New Trade Plaza, 6 On Ping Street, Hong Kong China (72)Name of Inventor : 1)CHO ,Honsue
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to chlorin e4 sodium and a process for its preparation. Chlorin e4 sodium is suitable for use in photodynamic therapy, cytoluminescent therapy and photodynamic diagnosis, for example for treating or detecting a tumour. The present invention also relates to a pharmaceutical composition comprising chlorin e4 sodium, to the use of chlorin e4 sodium in the manufacture of a phototherapeutic or photodiagnostic agent, and to a method of photodynamic therapy, cytoluminescent therapy or photodynamic diagnosis, for example for treating or detecting a tumour.

No. of Pages : 69 No. of Claims : 53

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ACETYL TRANSFERASES AND THEIR USE FOR PRODUCING CAROTENOIDS

(51) International classification	:C12N9/10,C12N15/54,C12P23/00	(71)Name of Applicant :
(31) Priority Document No	:12198373.8	1)DSM IP ASSETS B.V.
(32) Priority Date	:20/12/2012	Address of Applicant :Het Overloon 1, NL- 6411 The Heerlen
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/IB2013/058049	(72)Name of Inventor :
Filing Date	:28/08/2013	1)FARRELL, Christopher
(87) International Publication No	:WO 2014/096992	2)HOUSTON ,Peter
(61) Patent of Addition to Application	:NA	3)LAPRADE, Lisa
Number	:NA :NA	4)BALCH ,Nathalie
Filing Date	.INA	5)MAYORGA ,Maria
(62) Divisional to Application Number	r:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to acetyl transferases, nucleic acid sequences coding therefore, expression constructs and vectors comprising these sequences, microorganisms transformed therewith and use thereof.

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

(19) INDIA

(22) Date of filing of Application :17/06/2015

(21) Application No.5313/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : RADIATION IMAGING APPARATUS COMPUTED TOMOGRAPHY APPARATUS AND RADIATION IMAGING METHOD

(51) International classification	:A61B6/00,A61B6/03,A61B6/08	(71)Name of Applicant :
(31) Priority Document No	:1020120131082	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:19/11/2012	Address of Applicant :129 ,Samsung- ro, Yeongtong- gu, Suwon- si,
(33) Name of priority country	:Republic of Korea	Gyeonggi- do 443- 742 Republic of Korea
(86) International Application No	:PCT/KR2013/010486	(72)Name of Inventor :
Filing Date	:19/11/2013	1)CHO, Min Kook
(87) International Publication No	:WO 2014/077652	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are a radiation imaging apparatus, a computed tomography apparatus, and a radiation imaging method using the same. The radiation imaging apparatus includes a radiation emitter configured to emit radiation to an object while moving around the object, a radiation detector configured to detect radiation emitter from the radiation emitter and to change the detected radiation into an electric signal to thereby store the electric signal , and an irradiation controller to control the radiation emitter such that radiation is emitted to the object in at least one position or zone around the object and such that the radiation emitter stops emission of radiation to the object in a position or zone corresponding to the at least one position or zone.

No. of Pages : 69 No. of Claims : 15

(22) Date of filing of Application :17/06/2015

(21) Application No.5314/DELNP/2015 A

(43) Publication Date : 08/01/2016

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

(51) International classification	:B62D25/20	(71)Name of Applicant :
(31) Priority Document No	:2014026488	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:14/02/2014	Address of Applicant :300 , Takatsuka -cho, Minami -ku , Hamamatsu-
(33) Name of priority country	:Japan	shi, Shizuoka 4328611 Japan
(86) International Application No	:PCT/JP2015/052443	(72)Name of Inventor :
Filing Date	:29/01/2015	1)MOCHIZUKI Shinei
(87) International Publication No	:WO 2015/122279	
(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 suppresses vibration of a floor panel starting from corners of bulges in the panel and decreases noise in the cabin while ensuring floor panel rigidity by linking the bulges and a bead with the shapes and positions of the bulge and the bead related to one another without an increase in weight or the number of components. In a vehicle floor panel structure a floor panel (1) is provided with bulges (5, 6, 7, 8) including linear portions (51, 61, 71, 81) and corners (52, 62, 72, 82) and with a linear bead (9) disposed adjacent to the bulges (5, 6, 7, 8), the bulges and the bead bulging upward or downward of a vehicle. The corners (52, 62, 72, 82) of the bulges are formed in arc shape as viewed in plan, with a vertical wall portion (9b) of the bead (9) curving around and linked with an arc shape portion of the corners.

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

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD OF INCREASING THE HYDRODYNAMIC VOLUME OF POLYPEPTIDES BY ATTACHING TO GONADOTROPHIN CARBOXY TERMINAL PEPTIDES

	0071214/47	
(51) International classification	:C07K14/47	(71)Name of Applicant :
(31) Priority Document No	:61/728662	1)OPKO BIOLOGICS LTD.
(32) Priority Date	:20/11/2012	Address of Applicant :7 Golda Meir Street, 2nd floor, 74140 Nes
(33) Name of priority country	:U.S.A.	Ziona Israel
(86) International Application No	:PCT/IL2013/050960	(72)Name of Inventor :
Filing Date	:20/11/2013	1)HERSHKOVITZ,Oren
(87) International Publication No	:WO 2014/080401	2)BAR ILAN ,Ahuva
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is directed to the use of a chorionic gonadotrophin carboxy terminal peptide (CTP) or fragments thereof for modifying a polypeptide or a fragment thereof in order to increase the hydrodynamic volume of the polypeptide or fragment thereof. Biotechnology products cover an increased proportion of all therapeutic drugs , including monoclonal antibodies ,vaccines , growth factors ,hormones , cytokines ,coagulation factors , fusion proteins , enzymes and other proteins.

No. of Pages : 208 No. of Claims : 64

(19) INDIA

(22) Date of filing of Application :17/06/2015

(21) Application No.5316/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : HYDROTHERMAL HYDROCATALYTIC TREATMENT OF BIOMASS USING WATER TOLERANT CATALYSTS

	01000/00 D01101/07 D01105/00	
(51) International classification	:C10G3/00,B01J21/06,B01J35/00	
(31) Priority Document No	:61/739348	1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ
(32) Priority Date	:19/12/2012	B.V.
(33) Name of priority country	:U.S.A.	Address of Applicant : Carel van Bylandtlaan 30, NL-2596 The Hague
(86) International Application No	:PCT/US2013/076330	Netherlands
Filing Date	:19/12/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/100307	1)POWELL ,Joseph Broun
(61) Patent of Addition to Application	:NA	2)KOMPLIN, Glenn Charles
Number	:NA	3)SMEGAL, John Anthony
Filing Date	.NA	4)JOHNSON ,Kimberly Ann
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of hydrothermal hydrocatalytic treating biomass is provided. Lignocellulosic biomass solids is provided to a hydrothermal digestion unit in the presence of a digestive solvent, and a supported hydrogenolysis catalyst containing (a) sulfur, (b) Mo or W, and (c) Co, Ni or mixture thereof, incorporated into a group 4 metal oxide support; (ii) heating the lignocellulosic biomass solids and digestive solvent in the presence of hydrogen, and the supported hydrogenolysis catalyst thereby forming a product solution containing plurality of oxygenated hydrocarbons, said catalyst retaining a crush strength of at least 50% after being subjected to an aqueous phase stability test compared with before the aqueous phase stability test or a crush strength of at least 0.25 kg after being subjected to an aqueous phase stability test.

No. of Pages : 33 No. of Claims : 12

(22) Date of filing of Application :18/06/2015

(21) Application No.5331/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : BOTANICAL ANTIMICROBIAL COMPOSITIONS

(5 1) Intermetional aleration	. A DINICE/DD A CIV2C/DD A CIV2C/72C	(71)Name of Applicants
(51) International classification	:A01N65/00,A61K36/00,A61K36/736	
(31) Priority Document No	:61/736932	1)THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY
(32) Priority Date	:13/12/2012	OF NEW YORK
(33) Name of priority country	:U.S.A.	Address of Applicant :412 Low Memorial Library, 535 West 116th
(86) International Application No	:PCT/US2013/071731	Street, New York, NY 10027 U.S.A.
Filing Date	:25/11/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/092999	1)MODAK, Shanta ,M.
(61) Patent of Addition to	:NA	2)DONGRE, Santoshkumar
Application Number		3)VAIJANATHAPPA ,Jaishree
Filing Date	:NA	4)GHOSH ,Arnab ,Kumar
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract :

Disclosed herein are antimicrobial compositions comprising mixtures of botanical extracts, synthetic antimicrobial agents and essential oils which do not rely solely upon alcohol to produce their antimicrobial effects.

No. of Pages : 175 No. of Claims : 32

(22) Date of filing of Application :18/06/2015

(21) Application No.5332/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : COSMETIC COMPOSITION

(51) International classification	:A61K8/06,A61K8/67,A61K8/37	(71)Name of Applicant :
(31) Priority Document No	:2012280289	1)L'OREAL
(32) Priority Date	:21/12/2012	Address of Applicant :14 rue Royale, F -75008 Paris France
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2013/085301	1)BERNARD Anne -Laure
Filing Date	:20/12/2013	2)IKEDA Yuichi
(87) International Publication No	:WO 2014/098264	3)EL AKKARI Remi
(61) Patent of Addition to Application	:NA	4)SIMONNET Jean -Thierry
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a cosmetic composition in the form of a nano- or micro-emulsion, comprising: (a) atleast one oil; (b) at least one polyglyceryl fatty acid ester, preferably with a polyglyceryl moiety derived from 3 to 6 glycerins, more preferably 5 or 6 glycerins; (c) at least one hydrotrope; and (d) water. The cosmetic composition according to the present invention has a dispersed phase which has a smaller diameter due to a combination of the (b) polyglyceryl fatty acid ester and the (c) hydrotrope. Therefore, the cosmetic composition can be in the form of a nano- or micro-emulsion with transparent or slightly translucent.

No. of Pages : 51 No. of Claims : 25

(22) Date of filing of Application :18/06/2015

(21) Application No.5333/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PERFORATED GRAPHENE DEIONIZATION OR DESALINATION

(51) International classification	:C02F1/44,C02F103/08	(71)Name of Applicant :
(31) Priority Document No	:13/719579	1)LOCKHEED MARTIN CORPORATION
(32) Priority Date	:19/12/2012	Address of Applicant :6801 Rockledge Drive, Bethesda ,Maryland
(33) Name of priority country	:U.S.A.	20817 U.S.A.
(86) International Application No	:PCT/US2013/074942	(72)Name of Inventor :
Filing Date	:13/12/2013	1)STETSON JR., John B.
(87) International Publication No	:WO 2014/099649	2)MERCURIO, Jonathan
(61) Patent of Addition to Application Number	:NA	3)ROSENWINKEL, Alan
Filing Date	:NA	4)BEDWORTH, Peter V.
(62) Divisional to Application Number	:NA	5)FLEMING, Shawn P.
Filing Date	:NA	6)WESTMAN, Aaron L.

(57) Abstract :

A separation apparatus (700) and related method is provided in a cross- flow arrangement where a pressurized source directs a medium along a path substantially parallel to one or multiple sheets (722) of graphene from an inlet to an outlet. The medium (702) flows through the plural perforated apertures (721) in the graphene membrane while a remaining portion of the medium and the disallowed components in the medium flow out the outlet. A backing sheet or supporting membrane (724) may be disposed underneath the graphene membrane (722). The apparatus my be used for desalinaton.

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

(22) Date of filing of Application :18/06/2015

(21) Application No.5334/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : DEGRADABLE RECYCLING MATERIAL

(51) International classification	:C08L67/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)U.S. PACIFIC NONWOVENS INDUSTRY LIMITED
(32) Priority Date	:NA	Address of Applicant :18/F ,CAC Tower, 165 Hoi Bun Road ,Kwun
(33) Name of priority country	:NA	Tong, Kowloon, Hong Kong China
(86) International Application No	:PCT/CN2013/071648	(72)Name of Inventor :
Filing Date	:18/02/2013	1)WONG ,Cho Kee
(87) International Publication No	:WO 2014/124562	2)WADSWORTH, Larry Clifton
(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 novel biodegradable material prepared from PHA and PLA, polymers which can be used for manufacturing a blended product of PHA and PLA, and which can have accelerated biodegradation in a microorganic environment. The new product can be used for producing films, containers for solids and liquids, rigid or flexible packages, long -filament and short- fibre weaving, knitting and nonwoven fabrics, and composite products of fabrics films and other materials by thermal forming, injection moulding or melt spinning. These blends also can have a long shelf life in a clean environment.

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

(22) Date of filing of Application :18/06/2015

(21) Application No.5335/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : BIODEGRADABLE FILM AND LAMINATE

(51) International classification	:C08L67/04,D04H5/02,D04H5/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)U.S. PACIFIC NONWOVENS INDUSTRY LIMITED
(32) Priority Date	:NA	Address of Applicant :18/F, CAC Tower, 165 Hoi Bun Road, Kwun
(33) Name of priority country	:NA	Tong, Kowloon, Hong Kong China
(86) International Application No	:PCT/CN2013/071649	(72)Name of Inventor :
Filing Date	:18/02/2013	1)WONG ,Cho Kee
(87) International Publication No	:WO 2014/124563	2)WADSWORTH, Larry Clifton
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are a biodegradable film and an enhanced biodegradable fabric and laminate prepared b y laminated biode gradable films, which mainly comprise PBAT or PBS, or a mixture thereof, PLA and other degradable high molecular polymers, such as PBSA, PCL, PCL-BS and PHA, t o prepare PLA, and a new mixture of PLA and PHAs, or a mixture of PLA with PBAT and PBS, or a mixture of PLA and PHAs with PBAT and PBS or other degradable high molecular polymers. The new fabrics and lamin ates have a stronger biodegradability in an environment containing microorganisms and have a good shelf life, and good strength, agility and flexibility.

No. of Pages : 38 No. of Claims : 20

(22) Date of filing of Application :18/06/2015

(21) Application No.5336/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : LIFTING SLING DEVICE

(51) International classification	:A61G7/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)U.S. PACIFIC NONWOVENS INDUSTRY LIMITED
(32) Priority Date	:NA	Address of Applicant :18/F, CAC Tower, 165 Hoi Bun Road ,Kwun
(33) Name of priority country	:NA	Tong, Kowloon, Hong Kong China
(86) International Application No	:PCT/CN2013/071650	(72)Name of Inventor :
Filing Date	:18/02/2013	1)WONG, Cho Kee
(87) International Publication No	:WO 2014/124564	2)WADSWORTH ,Larry Clifton
(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 lifting sling device. Fabric of a sling is made of a biodegradable non- woven polymeric material. Using the lifting sling device according to the present invention can not only avoid cross infection due to use among different patients but also can avoid a negative influence on the environment after the lifting sling device is discarded because the lifting sling device is biodegradable.

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

(22) Date of filing of Application :02/07/2014

(21) Application No.1786/DEL/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A WATERLESS TANNING PROCESS FOR MAKING LEATHER

(51) International classification	:C14C1/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI MARG,
(33) Name of priority country	:NA	NEW DELHI - 110 001, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SELVARAJ SILAMBARASAN
(87) International Publication No	: NA	2)GLADSTONE CHRISTOPHER JAYAKUMAR
(61) Patent of Addition to Application Number	:NA	3)PALANISAMY THANIKAIVELAN
Filing Date	:NA	4)KALARICAL JANARDHANAN SREERAM
(62) Divisional to Application Number	:NA	5)JONNALAGADDA RAGHAVA RAO
Filing Date	:NA	6)BALACHANDRAN UNNI NAIR

(57) Abstract :

Disclosed herein is a process of tanning of delimed/pickled pelt without adding any water. The pelt is treated with conventional tanning agent under stirring condition and is then subjected to a treatment of solvent having LD50 (median lethal dose) value less than or equal to 20000 mg/kg. The solvent can be reused. The quality of leather is at par with that manufactured by conventional process. The general appearances such as grain and colour are comparable with conventional wet blue/vegetable tanned leathers. This new process provides an alternative way for tanning with possible reductions in pollution loads as well.

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

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SHOE MADE FROM A SOCK AND A REINFORCING 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 	:A43B1/04,A43B23/02,A41B11/00 :12 03568 :21/12/2012 :France :PCT/FR2013/000323 :06/12/2013 :WO 2014/096560	 (71)Name of Applicant : 1)SALOMON S.A.S. Address of Applicant :Les Croiselets, 74370 Metz- Tessy France (72)Name of Inventor : 1)BOUCHER Batrice 2)GAUTIER Grard
(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 shoe comprising, from the interior of the shoe, a first flexible textile layer (10, 16) forming a sock, and a reinforcing structure (3) in which the textile layer is disposed and to which it is secured using securing means.

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

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SECURE PAYMENTS USING PORTABLE COMMUNICATION DEVICES AND TWO DIMENSIONAL CODES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06Q20/02,G06Q20/12,G06Q20/32 :2012/09741 :21/12/2012 :South Africa :PCT/IB2013/061085 :18/12/2013 :WO 2014/097174 :NA	 (71)Name of Applicant : 1)BRITS, Leon ,Johannes Address of Applicant :Manhattan Office Park, Pieter Street, Highveld, 0157 Centurion South Africa (72)Name of Inventor : 1)BRITS, Leon ,Johannes 2)ROBSON, Stephen, Boyd;
		2)KOBSON, Stephen, Boyd;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method and system for facilitating a transaction between a payor and a payee. The method involves, on a first portable communication device of a payee (12), receiving transaction data, generating a digitally signed invoice artefact incorporating the transaction data and displaying the digitally signed invoice artefact on a display of the payees device (12). The method then involves, on a second portable communication device of a payor (10), capturing an image of the displayed digitally signed invoice o artefact and extracting the transaction data, displaying the transaction data on a display of the payors device (10), receiving a user input confirming the correctness of the transaction data and transmitting the transaction data securely to a verification centre (16), generating a digitally signed confirmation artefact, and displaying the digitally signed confirmation artefact on the display of the payors device (10). The method further involves, on the first payees device (12), capturing an image of the displayed digitally signed confirmation artefact, and transmitting the transaction data securely to a confirmation artefact, and transmitting the transaction data securely to the verification centre (16) to confirm the transaction.

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

(22) Date of filing of Application :17/06/2015

(21) Application No.5320/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SEED PLANTER CAPABLE OF REMOVING SOIL

(51) International classification	:A01C5/02,A01C5/00	(71)Name of Applicant :
(31) Priority Document No	:1020120148170	1)KIM, Soon Bae
(32) Priority Date	:18/12/2012	Address of Applicant :3995, Donghae -daero (Joyang -dong) Sokcho-
(33) Name of priority country	:Republic of Korea	si Gangwon- do 217- 812 Republic of Korea
(86) International Application No	:PCT/KR2013/011537	(72)Name of Inventor :
Filing Date	:12/12/2013	1)KIM, Soon Bae
(87) International Publication No	:WO 2014/098412	
(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 seed planter capable of removing soil, which is capable of: forming holes in which seeds can be planted by applying downward pressure to soil furrows covered by vinyl and by removing the covered vinyl and soil all at once, and at the same time inserting a supply pipe into the formed holes such that the seeds, water, and a fertilizer can be selectively and safely placed therein such that a worker can comfortably work for long periods of time in a state where the back of the worker is straight, thereby shortening work time and increasing labor efficiency; enables easy post processing since the removed covered vinyl can be collected in order at a fixing pin and within a needle member; and has a measuring tape such that holes can be precisely formed at proper intervals for growing plants. The seed planter capable of removing soil, according to one preferred embodiment of the present invention, comprises: a body which is formed in a cylindrical shape having a hollow inner part and both open ends, and which has a handle detachably mounted on an upper side thereof, wherein a cylinder having an extended inner diameter so as to accommodate the covered vinyl and soil is provided on a lower side of the body and coupling rings are respectively placed on the upper and lower sides of the body; a vertical moving member which is positioned on an inner side of the body to allow a vertical movement thereon, wherein the vertical moving member is elastically biased toward the top and has an upper-end side exposed to the outside of the upper part of the body and a lower-end side accommodated inside the cylinder, and the lower side is elastically taken in and out toward the outside of the lower part of the cylinder depending on whether the upper side is pressed; a counting member which is provided on the body and counts the number of vertical movements of the vertical moving member by being connected to the vertical moving member; a supply pipe member which is selectively penetrated within the coupling rings, wherein the supply pipe member is formed in a cylindrical shape having both open ends and a hollow inner part in order to selectively supply seeds, water, and a fertilizer; a measuring tape member which is provided on one side of the lower part of the body and comes in and out in a horizontal direction towards the ground; and the needle member for collecting vinyl, which is separately positioned on a side of the body, wherein the position of a lower side of the needle member is fixed to the lower side of the body and an upper side thereof is detachably fixed to the upper side of the body.

No. of Pages : 23 No. of Claims : 8

(22) Date of filing of Application :01/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : NOVEL METHOD FOR AUTHENTICATING THE RELIABILITY AND QUALITY OF CONTENT OF THE WORLD WIDE WEB

(51) International classification	:G01S19/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHATNAGAR, AGAM
(32) Priority Date	:NA	Address of Applicant :HOUSE NO. D-6/13, SECOND FLOOR, DLF
(33) Name of priority country	:NA	EXCLUSIVE FLOORS, DLF PHASE 5, GURGAON-122 009,
(86) International Application No	:NA	HARYANA, INDIA. Haryana India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BHATNAGAR, AGAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes a novel method for ascertaining the authenticity, reliability and quality of content on the World Wide Web providing users with a visual display of level of evidence called evidence bar allowing them to immediately differentiate between reliable authentic data and possible misinformation. User defined/pre defined criteria drawn from existing hallmarks of authenticity needed in a particular field to which the web content belongs are scored on a null, half or unity scale and displayed on a visual scale showing both areas of authenticity and non authenticity together along with the scoring criteria - a system subject to a regulated feedback mechanism by users as well as with a provision to revisit the criteria of evaluation from time to time. The system described may be incorporated into the existing fabric of search engines and websites or/and may function through an intermediary website/online storage where content evidence bars may be searchable through URL searches and which also serves as a database for uploaded evidence of the given content.

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

(22) Date of filing of Application :18/06/2015

(21) Application No.5338/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : LIQUID HEATING APPARATUS AND OPERATING METHODS

(51) International classification	:A47J31/54,A47J31/56	(71)Name of Applicant :
(31) Priority Document No	:1301297.6	1)STRIX LIMITED
(32) Priority Date	:24/01/2013	Address of Applicant :Forrest House, Ronaldsway, Isle of Man IM9
(33) Name of priority country	:U.K.	2RG U.K.
(86) International Application No	:PCT/GB2014/050174	(72)Name of Inventor :
Filing Date	:22/01/2014	1)HOWITT, James
(87) International Publication No	:WO 2014/114935	2)MOUGHTON ,Colin Peter
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

An apparatus for dispensing a predetermined volume of a warm liquid comprises a heater (27), a pump (22) and a temperature sensor (40) sensitive to the temperature of the liquid upstream of the heater (27). A controller (50) is arranged to receive upstream temperature data from the temperature sensor (40), calculate the amount of energy required to reach a desired final temperature energise the heater (27) for a calculated period of ON time, and dispense liquid for a calculated period of time that is at least partly contemporaneous with the calculated period of ON time. After the heater (27) has been de -energised, the dispensed liquid removes residual heat so that the average temperature after dispensing the predetermined volume is the desired final temperature.

No. of Pages : 49 No. of Claims : 72

(19) INDIA

(22) Date of filing of Application :18/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : HIV-1 ENV BINDING ANTIBODIES , FUSION PROTEINS, AND METHODS OF 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 	:04/12/2013 :WO 2014/089152 :NA	 1)UNIVERSITY OF MARYLAND, BALTIMORE Address of Applicant :620 W. Lexington Street, 4th Floor, Baltimore ,MD 21201 U.S.A. (72)Name of Inventor : 1)GUAN ,Yongjun 2)LEWIS ,George 3)DEVICO ,Anthony 4)SAJADI ,Mohammad
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	6)PAZGIER, Marzena

(57) Abstract :

Fusion proteins comprising a portion of the HIV- 1 Env protein and ScFv of an enhancing antibody are disclosed that may serve in immunogenic formulations for vaccination against HIV- 1 infection. A broadly neutralizing antibody and engineered bi-/tri- specific anti HIV- 1 antibodies that may serve in the prevention and/or treatment of HIV- 1 infections in a subject are also disclosed, as well as methods of using the fusions proteins and antibodies.

No. of Pages : 49 No. of Claims : 24

(22) Date of filing of Application :18/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR ENZYMATIC HYDROLYSIS OF LIGNOCELLULOSIC MATERIAL

(51) International classification	:C12P19/14,C12P19/02,C13K1/02	(71)Name of Applicant :
(31) Priority Document No	:13150932.5	1)DSM IP ASSETS B.V.
(32) Priority Date	:11/01/2013	Address of Applicant :Het Overloon 1, NL -6411 TE Heerlen
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2014/050271	(72)Name of Inventor :
Filing Date	:09/01/2014	1)SMITS, Johannes Petrus
(87) International Publication No	:WO 2014/108454	2)BERKHOUT, Michael Petrus Jozef
(61) Patent of Addition to Application	-NI A	3)NOORDAM, Bertus
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	r :NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for the hydrolysis of cellulose containing biomass which comprises a liquefaction step in which a first enzyme or first enzyme composition is added to liquefy at least part of the solids present in the biomass and to keep the viscosity of the cellulose containing biomass below 1000 cP , preferably below 800 cP , more preferably below 600 cP in the liquefaction step; followed by a saccharification step in which a second enzyme composition is added to form oligomeric and/or monomeric sugars; and whereby the first enzyme or first enzyme or first enzyme or first enzyme composition comprises an endoglucanase; - whereby the second enzyme composition comprises a cellulase; and whereby the first enzyme or first enzyme composition comprises more endogluconase than the second enzyme composition (expressed in protein wt%).

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

(19) INDIA

(22) Date of filing of Application :03/07/2015

(21) Application No.5852/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : THERMAL INSULATION PRODUCT BASED ON MINERAL WOOL AND METHOD OF MANUFACTURING THE 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 	:PCT/FR2014/050018 :08/01/2014 p:WO 2014/108630	 (71)Name of Applicant : 1)SAINT GOBAIN ISOVER Address of Applicant :18 Avenue dAlsace F 92400 Courbevoie France (72)Name of Inventor : 1)TERAGAMI Kenichiro
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a thermal insulation product based on mineral wool comprising mineral fibres the product comprising two main faces and longitudinal and transversal edges perpendicular to the main faces the product being characterized by the following levels of orientation: a longitudinal orientation level greater than or equal to 48% or even greater than or equal to 50% at an angle of more or less 6° with respect to the plane of the main faces when the mineral fibres are counted up only in longitudinal section and a mean orientation level greater than or equal to 45% at an angle or more or less 6° with respect to the plane of the main faces when the mineral fibres are counted up only in longitudinal section and a mean orientation level greater than or equal to 45% at an angle or more or less 6° with respect to the plane of the main faces when the mineral fibres are counted up only in longitudinal section. The invention makes it possible to improve the insulating capability of a thermal insulation product based on mineral wool without increasing the thickness thereof.

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

(22) Date of filing of Application :03/07/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR LOADING UNLOADING AND CUTTING A LONGITUDINAL METAL PLATE AND SYSTEM THEREOF

(57) Abstract :

A method for loading unloading and cutting a longitudinal metal plate and a system thereof in which two longitudinal moving working lines (A B) arranged in parallel are adopted. Each working line (A B) respectively and sequentially comprises a component material loading position (1 1) a cutting work position (2 2) a sheet material unloading position (3 3) and a carrying and stacking robot (4 4) disposed between the two working lines (A B). The two working lines are opposite a component material loading direction. The cutting work position (2 2) is provided with a laser cutting head (9 9) and a moving block platform (10 10). The moving block platform (10 10) moves longitudinally and materials are fed and discharged in both directions and two material feeding positions (1 2) and a cutting position are provided. An external shaft (41 41) of the carrying and stacking robot (4 4) separately spans the component material loading position (1 1) of the respective working line and the material feeding position of the moving block platform (10 10). The method for loading position (3 3) of the other opposite working line and the other material feeding position of the cutting work and yield and meanwhile the system layout is more appropriate.

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

(22) Date of filing of Application :03/07/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR LOADING UNLOADING AND CUTTING METAL PLATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23K26/38 :201310157674.8 :28/04/2013 :China :PCT/CN2014/076314 :28/04/2014 :WO 2014/177027 :NA :NA :NA	 (71)Name of Applicant : 1)BAOSHAN IRON & STEEL CO. LTD. Address of Applicant :No.885 Fujin Road Baoshan District Shanghai 201900 China (72)Name of Inventor : 1)YANG Saidan 2)WU Ruimin 3)JIN Wenhai 4)WANG Yuming 5)PAN Shengbo 6)XIANG Qian 7)YAN Qi 8)JIN Chengguo 9)QIAO Junliang
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(57) Abstract :

A method and system for loading unloading and cutting a metal plate. The system comprises: a component material cart and a sheet material cart disposed together at a guide rail; a cutting work unit disposed at a side of the guide rail and comprising a first moving block platform and a second moving block platform arranged in parallel and a laser cutting head where the two moving block platforms and the guide rail are arranged vertically a cutting position and a material feeding position are disposed on the two moving block platforms respectively the laser cutting head spans the two cutting positions through the guide rail the material feeding positions correspond to a side of the guide rail of the component material cart and the sheet material cart; a carrying and stacking robot disposed between the cutting work unit and the guide rail of the component material cart and the sheet material cart an external shaft of the robot being parallel to the guide rail of the carts and spanning the material feeding positions on the two moving block platforms of the cutting work unit; and a discard conveying apparatus disposed below the two cutting positions of the cutting work unit. The present invention can effectively increase use efficiency of materials and further expand the range of production and processing and is especially suitable for providing production of small batch car models and trial production of new car models.

No. of Pages : 26 No. of Claims : 17

(22) Date of filing of Application :17/06/2015

(54) Title of the invention : PLUNGER

(21) Application No.5299/DELNP/2015 A

(43) Publication Date : 08/01/2016

(51) International classification	:F04B1/04	(71)Name of Applicant :
(31) Priority Document No	:10 2013 201 335.3	1)SCHAEFFLER TECHNOLOGIES AG & CO. KG
(32) Priority Date	:29/01/2013	Address of Applicant : Industriestrae 1-3, 91074 Herzogenaurach
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE2013/200304	(72)Name of Inventor :
Filing Date	:18/11/2013	1)GEYER ,Norbert
(87) International Publication No	:WO 2014/117762	2)DORN ,Stefan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

(57) Abstract :

The invention relates to a plunger (1) for a fuel injection pump comprising a housing (2) that has a drive- side annular end face (3) at which two flat sections (5), recessed in relation to an outer shell (4) of the housing (2), lie diametrically opposite one another , a bolt (7) that supports a roller (6) being mounted in said sections. A separate bridge section (9) protrudes through an inner shell (8) of the housing (2) , axially below said roller (6) , and the output- side end face (10) of said bridge section acts as a contact point for a plunger follower part (11, the bridge section (9) lying against undersides (12) of said flat sections (5) in the direction of the drive- side annular end face (3) and being held ,in the direction of an output- side annular end face (13) of said housing (2) , by a ring (14) that is fixed to the inner shell (8), is a spring -loaded spring clip, and sits in a complementary groove (15) of the inner shell (8) of the housing (2) so as not to protrude radially out of said groove (15), at least two tabs (17) projecting radially inwards from an upper side (16) of the ring (14) , and the bridge section (9) being fixed thereupon in the direction of the output -side annular end face (3).

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

(19) INDIA

(22) Date of filing of Application :03/07/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : TECHNIQUE FOR REPORTING MEASUREMENTS RELATED TO RANDOM ACCESS ATTEMPTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W24/10 :NA :NA :PA :PCT/EP2013/051467 :25/01/2013 :WO 2014/114346 :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)R • CZ Andr;s 2)PERSSON Hkan 3)REIDER Norbert
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(57) Abstract :

A technique for collecting and reporting measurements related to Random Access RA attempts from a user equipment UE towards an evolved node B eNB is disclosed. In a first method aspect the method is performed in the UE and comprises the steps of collecting at least one measurement from each single one of a plurality of the RA attempts and reporting the collected measurements to one of the eNB and a management entity. In a second method aspect the method is performed in the eNB and comprises the steps of collecting at least one measurement from each single one of a plurality of the RA attempts and reporting the steps of collecting at least one measurement from each single one of a plurality of the RA attempts and reporting the collected measurement entity.

No. of Pages : 40 No. of Claims : 39

(22) Date of filing of Application :03/07/2015

(21) Application No.5863/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : AIR COOLED ROTARY ENGINE

(51) International classification	:F01C1/22.F01C21/06	(71)Name of Applicant :
(31) Priority Document No	:61/757078	1)LIQUIDPISTON INC.
(32) Priority Date	:25/01/2013	Address of Applicant :1292 Blue Hills Avenue Bloomfield
(33) Name of priority country	:U.S.A.	Connecticut 06002 U.S.A.
(86) International Application No	:PCT/US2014/013015	(72)Name of Inventor :
Filing Date	:24/01/2014	1)SHKOLNIK Nikolay
(87) International Publication No	:WO 2014/116994	2)SHKOLNIK Alexander C.
(61) Patent of Addition to Application Number	:NA	3)LYUBOMIRSKIY Alex
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An internal combustion rotary engine includes an air passage configured to allow cool air to flow through the rotor as the rotor moves relative to the housing within the engine. Some embodiments include a removable fuel cartridge.

No. of Pages : 49 No. of Claims : 22

(22) Date of filing of Application :03/07/2015

(21) Application No.5864/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A SIMPLIFIED CONTROL PANEL FOR A FOOD PREPARATION 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 	:A47J31/44,A47J31/00 :NA :NA :NA :PCT/CN2013/071574 :08/02/2013 :WO 2014/121520 :NA :NA :NA :NA	 (71)Name of Applicant : 1)NESTEC S.A. Address of Applicant :Avenue Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : 1)MARTZ Nicolas Louis Robert 2)STECKHAN Markus
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(57) Abstract :

A machine (1) for preparing food or beverage products is provided. Said machine (1) is adapted for injecting a fluid under pressure in an ingredient capsule inserted therein. Said machine (1) comprises a fluid reservoir (3) a fluid system a fluid heating element and a controller for managing at least one preparation parameter and further comprises a selector for allowing a user to manually select at least one food or beverage preparation parameter. Said selector comprises a sliding element (10 16) comprising at least two independent switch actuators (23 24) and a contact panel (11) comprising at least two selector switches (21) linked to the machine controller such that each of said selector switches (21) is actuated or unactuated by the presence or the absence of the corresponding switch actuator (23 24) for each given position of said sliding element (10 16) and such that the simultaneous state of actuation of said switches (21) is interpreted by said controller as a bitmap code for setting at least one corresponding preparation parameter.

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

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : DECORATIVE PANEL HAVING AN ELASTOMER POWDER MODIFIED SUBSTRATE BOARD

:C08L9/00,C08L21/00,E04F15/12	(71)Name of Applicant :
:13151841.7	1)AKZENTA PANEELE + PROFILE GMBH
:18/01/2013	Address of Applicant :Werner von Siemens Str. 18- 20, 56759
:EPO	Kaisersesch Germany
:PCT/EP2013/075233	(72)Name of Inventor :
:02/12/2013	1)HANNIG, Hans -J ¹ /4rgen
:WO 2014/111192	
· NIA	
.NA	
r :NA	
:NA	
	:18/01/2013 :EPO :PCT/EP2013/075233 :02/12/2013 :WO 2014/111192 ':NA :NA

(57) Abstract :

The invention relates to a decorative panel which has a board -like substrate which is at least partly made from a thermoplastic composition modified using an elastomer powder. The decorative panel according to the invention has at least one board- like substrate and a decorative layer arranged thereon , wherein the board- like substrate is at least partly made from a thermoplastic composition modified using an elastomer powder by means of melt blending and having at least one thermoplastic matrix material and at least one fine- grained ,cross -linked and powdery elastomer material incorporated in the matrix material.

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

(22) Date of filing of Application :03/07/2015

(21) Application No.5870/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : CONTROL DEVICE FOR 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 	:NA :NA :PCT/JP2013/051914 :29/01/2013 :WO 2014/118894	 (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyotacho Toyota shi Aichi 4718571 Japan (72)Name of Inventor : 1)HAYASHITA Go 2)AOKI Keiichiro
(87) International Publication No(61) Patent of Addition to Application Number	:WO 2014/118894 :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This control device for an internal combustion engine is equipped with: an air/fuel ratio sensor; and an engine control device that controls the internal combustion engine according to the output of the air/fuel ratio sensor. The air/fuel ratio sensor is configured so that the applied voltage at which the output current reaches zero varies according to the exhaust air/fuel ratio and the output current increases if the applied voltage is increased at the air/fuel ratio sensor the applied voltage at the air/fuel ratio is the stoichiometric air/fuel ratio. When the air/fuel ratio of exhaust gas is to be detected by the air/fuel ratio sensor the applied voltage at the air/fuel ratio sensor is fixed at a constant voltage said constant voltage being different to the voltage at which the output current reaches zero when the exhaust air/fuel ratio is the stoichiometric air/fuel ratio and being the voltage at which the output current reaches zero when the exhaust air/fuel ratio is different to the stoichiometric air/fuel ratio. Thus provided is a control device for an internal combustion engine that uses an air/fuel ratio sensor capable of detecting an absolute value for the air/fuel ratio of exhaust gas even if the air/fuel ratio of the exhaust gas is not the stoichiometric air/fuel ratio.

No. of Pages : 103 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :03/07/2015

(21) Application No.5871/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR IMPLEMENTING SUSPENDED GLOBAL BUTTON ON TOUCH SCREEN TERMINAL INTERFACE

(51) International classification	:G06F3/0488,G06F3/0484,G06F3/041	· · · · · · · · · · · · · · · · · · ·
(31) Priority Document No	:201210512981.9	1)ZTE CORPORATION
(32) Priority Date	:04/12/2012	Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial
(33) Name of priority country	:China	Park Nanshan Shenzhen Guangdong 518057 China
(86) International Application No	:PCT/CN2013/079231	(72)Name of Inventor :
Filing Date	:11/07/2013	1)ZHOU Huihong
(87) International Publication No	:WO 2013/167028	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a method for implementing a suspended global button on a touch screen terminal interface the method comprising: a touch screen terminal determining a gesture operation performed by a user on a global button; if a determination result of the gesture operation is a first gesture operation instruction of moving the global button and displaying an execution result of the operation instruction. Also disclosed is a system for implementing a suspended global button on a touch screen terminal interface. By means of the method and system for implementing a suspended global button on a touch screen terminal interface the effective display area of the screen is increased and the user experience is improved.

No. of Pages : 16 No. of Claims : 8

(22) Date of filing of Application :03/07/2015

(21) Application No.5872/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD AND MACHINE FOR AUTOMATED TIRE AND WHEEL ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:13/750462 :25/01/2013 :U.S.A. :PCT/US2013/074056 :10/12/2013 :WO 2014/116356	 (71)Name of Applicant : 1)DOMINION TECHNOLOGIES GROUP INC. Address of Applicant :15736 Sturgeon Roseville MI 48066 U.S.A. (72)Name of Inventor : 1)MALLETT Steven 2)MATERNE Mark
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2014/116356 :NA :NA :NA	
Filing Date	:NA :NA	

(57) Abstract :

A programmable wheel and tire assembly machine and method of assembly is disclosed which compensates for different wheel and tire combinations as well as dynamically manipulates the present arms during the mounting process. An upper present arm is supported in a manner to provide at least two axes of movement the upper present arms capable of independent manipulation along/about each axis. A lower present arm is supported in a manner to provide at least one axis of movement the lower present arm capable of manipulation in a horizontal plane. Wheel and tire data is collected and used to generate a mounting protocol for individual tire & wheel combination. Continuous position feedback of the present arms may be employed to further control movement throughout the mounting process.

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

(22) Date of filing of Application :03/07/2015

(21) Application No.5867/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : CONTROL DEVICE FOR VEHICLE DRIVE DEVICE

(51) International classification	:F04B49/06,F04B49/10,F16H61/02	(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 Japan
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/JP2012/083955	1)MIZUNO Yasuhide
Filing Date	:27/12/2012	2)ITO Shinichi
(87) International Publication No	:WO 2014/102983	3)KUBONOYA Hideki
(61) Patent of Addition to Application	ⁿ :NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.na	

(57) Abstract :

Provided is a control device for a vehicle drive device with which the size of a surge absorption circuit that absorbs surges occurring during operation of an electromagnetic oil pump can be reduced. The drive frequency (F) that operates an electromagnetic oil pump (86) is set so as to be lower when the oil temperature (Toil) is low than when the oil temperature is high. By means of this setting the discharge volume of the electromagnetic oil pump (86) decreases when the oil temperature (Toil) is low but the amount of leakage of the working oil is less so the required flow volume can be ensured. In addition when the oil temperature is high the amount of leakage is greater so the size of the surge absorption circuit can be reduced. Conversely when the oil temperature is high the amount of leakage is greater so the drive frequency (F) is increased and the discharge volume of the electromagnetic oil pump (86) increases but when the oil temperature is high the viscosity resistance of the working oil is less and the solenoid current (I) is lows than when the oil temperature is low so the size of the surge absorption circuit can be reduced.

No. of Pages : 44 No. of Claims : 9

(22) Date of filing of Application :03/07/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : PRINTING UNIT FOR VARIABLE FORMAT OFFSET PRINTING PRESSES

(51) International classification	:B41F13/30,B41F13/32,B41F13/38	(71)Name of Applicant :
(31) Priority Document No	:TO2013A000033	1)OMET S.R.L.
(32) Priority Date	:15/01/2013	Address of Applicant : Via Caduti Lecchesi a Fossoli 22 I 23900
(33) Name of priority country	:Italy	Lecco Italy
(86) International Application No	:PCT/IB2014/058284	(72)Name of Inventor :
Filing Date	:15/01/2014	1)CASTAGNA Stefano
(87) International Publication No	:WO 2014/111855	2)MANZINI Amerigo
(61) Patent of Addition to Application	I ·N A	3)ROSTAGNO Umberto
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application	:NA	
Number	:NA :NA	
Filing Date	.11/1	

(57) Abstract :

The printing unit (10) comprises: a support structure (20) a plate cylinder (12 12a) supported by the support structure (20) for rotation about a first axis (x1) an intermediate cylinder (14 14a) supported for rotation about a second axis (x2) parallel to the first axis (x1) and an impression cylinder (16) supported for rotation about a third axis (x3) parallel to the first axis (x1) and to the second axis (x2). The intermediate cylinder (14 14a) or the impression cylinder (16) is supported at its axially opposite ends by means of respective supporting members (26 28 28) carried each by a respective tilting lever (22) supported by the support structure (20) so as to tilt about a fixed tilting axis (x4) parallel to the first second and third axes (x1 x2 x3) whereby the second axis (x2) or the third axis (x3) respectively is movable along a circular path with a fixed centre on the tilting axis (x4). The impression cylinder (16) or the intermediate cylinder (14 14a) respectively is supported at its axially opposite ends by means of respectively is supported at its axially opposite ends by means of respectively is supported at its axially opposite ends by means of respectively is supported at its axially opposite ends by means of respectively is supported at its axially opposite ends by means of respective supporting members (32) slidable along respective linear guides (36) carried by the support structure (20) whereby the third axis (x3) or the second axis (x2) respectively is movable along a straight path. Each of the supporting members (26 28 28 ; 32) of the intermediate cylinder (14 14a) is connected to a respective supporting member (32; 26 28 28 ; 0) of the impression cylinder (16) by means of a respective linear actuation device (38) comprising a first element (40) and a second element (42) movable relative to each other along a direction of relative movement (y) the first element (40) being hinged to a respective supporting member (32; 26 28 28 ; 32) of the intermediate cylinder (14 14a) about the second ax

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

(22) Date of filing of Application :03/07/2015

(21) Application No.5869/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SOLAR POWERED LAMP

(51) International classification	:F21S9/03,F21L4/00	(71)Name of Applicant :
(31) Priority Document No	:61/748637	1)MPOWERD INC.
(32) Priority Date	:03/01/2013	Address of Applicant :231 West 29th Street Suite 1105 New York NY
(33) Name of priority country	:U.S.A.	10001 U.S.A.
(86) International Application No	:PCT/US2014/010246	(72)Name of Inventor :
Filing Date	:03/01/2014	1)MUEHLEMANN Michael
(87) International Publication No	:WO 2014/107621	2)SNYDER Jason Alan
(61) Patent of Addition to Application Number	:NA	3)KHATTAB Karim
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lighting element for a solar powered lantern is formed integrally with a bottle closure which can be threaded onto a discarded plastic bottle such that the light emitting diodes (LEDs) of the lighting element extend into the bottle. The lighting element is powered by a rechargeable battery which is recharged by a photovoltaic panel positioned on the top surface of the bottle closure.

No. of Pages : 21 No. of Claims : 17

(22) Date of filing of Application :03/07/2015

(21) Application No.5848/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : TREATMENT OF HYPERHIDROSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K31/7105,A61K48/00,A61P5/00 :61/748592 :03/01/2013 :U.S.A. :PCT/SE2013/051508	 (71)Name of Applicant : 1)HIDROS THERAPEUTICS INTERNATIONAL AB Address of Applicant :c/o Department of Immunology Genetics and Pathology Science for Life Laboratory Uppsala University BMC Box 815 75108 Uppsala Sweden
Filing Date	:13/12/2013	(72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:WO 2014/107124 :NA :NA	1)DAHL Niklas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a composition for reducing sweating in humans characterized in that said composition comprises a compound capable of reduction of ITPR2 protein function and reduction of levels of ITPR2mRNA and/or ITPR2 protein and optionally pharmaceutically acceptable carriers and/or excipients as well as to methods of treatment and specific siRNA molecules and their use in therapy.

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

(22) Date of filing of Application :03/07/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING A DRIVELINE OF A HYBRID VEHICLE

(57) Abstract :

The present invention relates to a method for controlling a driveline (40) of a vehicle which driveline comprises at least one internal combustion engine unit (42) for driving a generator unit (44) for generating electrical energy at least one electric motor unit (49) arranged to be supplied with said electrical energy from said generator unit (44) wherein said driveline comprises an AC/DC conversion unit (48a) configured to convert AC voltage from the generator unit (44) to DC voltage a DC/AC conversion unit (48b) configured to convert said DC voltage to controllable AC voltage said DC voltage being provided in an intermediate DC voltage stage (46) together with means (100 42 46a 46b) for controlling the driveline of the vehicle comprising the steps of by means of said means: i) controlling the driveline (40) based on desired efficiency or ii) controlling the driveline (40) based on desired power output and iii) based on criteria related to the performance of said internal combustion engine unit (42) select control based on desired efficiency or desired power output. The present invention also relates to a system for controlling a driveline of a vehicle. The present invention also relates to a motor vehicle. The present invention also relates to a computer program and a computer program product.

No. of Pages : 38 No. of Claims : 17

(22) Date of filing of Application :03/07/2015

(21) Application No.5850/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : DEVICE AND METHOD FOR PRODUCING A SPUN BONDED WEB FROM FILAMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:12195239.4 :03/12/2012 :EPO :PCT/EP2013/074594 :25/11/2013 :WO 2014/086609	 (71)Name of Applicant : 1)REIFENH, USER GMBH & CO. KG MASCHINENFABRIK Address of Applicant :Spicher Strae 46 48 53844 Troisdorf Germany (72)Name of Inventor : 1)CINQUEMANI Claudio 2)FREY Detlef 3)GEUS Hans Georg 4)SCHL AC Pater
(87) International Publication No(61) Patent of Addition to Application Number	:WO 2014/086609 :NA	3)GEUS Hans Georg 4)SCHLAG Peter
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device for producing a spun bonded web from filaments comprising spinnerets a cooling chamber into which process air can be introduced in order to cool the filaments a monomer suction device arranged between the spinnerets and the cooling chamber a stretching unit and a placing device for placing the filaments so as to form the spun bonded web. The cooling chamber is divided into two cooling chamber portions. Process air can be suctioned out of a first upper cooling chamber portion to the monomer suction device with a volumetric flow rate V and process air exits the first upper cooling chamber portion into a second lower cooling chamber portion with a volumetric flow rate V. The volumetric flow rate ratio V/Vis 0.1 to 0.3.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :03/07/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : GALLING RESISTANT DRILL PIPE TOOL JOINT AND CORRESPONDING DRILL PIPE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E21B17/042,F16L15/00,C25D7/04 :NA :NA :NA :PCT/IB2013/050265 :11/01/2013 :WO 2014/108756 :NA :NA :NA	 (71)Name of Applicant : 1)TENARIS CONNECTIONS LIMITED Address of Applicant :112 Bonadie Street Kingstown ST. Vincent and The Grenadiens (72)Name of Inventor : 1)NARIKAWA Tomoyuki 2)ONO Tatsuo 3)SAKURA Koji 4)FUKUI Toshihiko 5)YOSHIDA Motohisa 6)KUWANO Takeshi 7)KOBAYASHI Nobuo 8)SATO Nobuhide
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(57) Abstract :

A drill pipe tool joint comprising: a pin including a male threaded portion at an outer surface; and a box including a female threaded portion at an inner surface the female threaded portion to be screwed and fastened to the male threaded portion in a contacting zone consisting of a male threaded contacting surface and a female threaded contacting surface wherein at least a portion of the male threaded contacting surface or a portion of the female threaded contacting surface is a surface layer consisting of a hard metal and respectively at least a portion of the female threaded contacting surface portions are contacting surface is a surface is a surface is a surface layer consisting of a soft material and where said both surface portions are contacting surfaces after screwing.

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

(19) INDIA

(22) Date of filing of Application :17/06/2015

(21) Application No.5284/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : POROUS CELLULAR STRUCTURES OF AMORPHOUS FUSED SILICA GLASS AND METHOD OF THEIR MAKING

 (51) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) U.S.A. (7) International Application No (7) International Publication No (87) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application NA Number Filing Date (NA NA 	 (71)Name of Applicant : 1)CORNING INCORPORATED Address of Applicant :1 Riverfront Plaza, Corning, NY 14831 U.S.A. (72)Name of Inventor : 1)BEALL ,Douglas, Munroe 2)TANNER ,Cameron ,Wayne
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(57) Abstract :

A porous cellular body comprising primarily a porous sintered glass material is disclosed. The porous sintered glass material primarily includes a first phase and a second phase , the first phase primarily comprising amorphous fused silica and the second phase comprising amorphous fused silica and a sintering aid. A method of making the porous cellular body is also disclosed ,whereby a precursor batch of amorphous silica and sintering aid is extruded to form a green cellular body , which is heat treated to render porous.

No. of Pages : 51 No. of Claims : 28

(22) Date of filing of Application :03/07/2015

(21) Application No.5858/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : DELAYED RELEASE COMPOSITION COMPRISING BIGUANIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/749307 :05/01/2013 :U.S.A. :PCT/US2014/010240 :03/01/2014 :WO 2014/107617	 (71)Name of Applicant : 1)ELCELYX THERAPEUTICS INC. Address of Applicant :11975 El Camino Real Suite 305 San Diego CA 92130 U.S.A. (72)Name of Inventor : 1)BARON Alain D. 2)FINEMAN Mark S. 3)KIM Terri
(61) Face of Addition to Application Number(62) Divisional to Application Number	:NA :NA :NA	4)DORDUNOO Stephen Kwaku
Filing Date	:NA	

(57) Abstract :

Compositions and methods for improving the pharmacokinetics and reducing the risk of adverse events resulting from biguanide compound administration are provided comprising administering delayed release formulations of such compounds having a lag phase release.

No. of Pages : 130 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :03/07/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR PRODUCING MOTOR VEHICLE LOCKS WITH A TWISTED LOCKING PART EDGE

(57) Abstract :

In order to minimize the sliding friction between the locking parts (30 31) that is between the pawl (5) and the rotary latch (2) of a motor vehicle lock (1) it is advantageous if during the production process the different latch surfaces (12 13) of both locking parts (30 31) are provided with a stamping contour (14) having straight grooves (17) and with a stamping contour (11) characterized in that the provided grooves (18 19) are oblique. Said oblique grooves (18 19) of the latch surface (13) on the pawl (5) are placed in the position indicated in figure (3) such that the entire pawl is twisted (5) about the longitudinal axis (38) thereof. Also at least two overlapping points are provided between the straight grooves (17) and the oblique grooves (18 19) such that both of the locking parts (30 31) come into mutual contact reducing the friction.

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

(22) Date of filing of Application :03/07/2015

(21) Application No.5860/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR PREPARING ASYMMETRICAL IMIDAZOLIUM SALTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:1261969 :12/12/2012 :France :PCT/FR2013/053036 :11/12/2013 p:WO 2014/091156	 1)ECOLE NATIONALE SUPERIEURE DE CHIMIE DE RENNES Address of Applicant :avenue du Gnral Leclerc CS 50837 F 35708 Rennes Cedex 7 France 2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS (72)Name of Inventor : 1)MAUDUIT Marc
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)MAUDUIT Marc 2)BASLE Olivier 3)ROUEN Mathieu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a process for preparing an asymmetrical imidazolium salt of formula (1A) in which R1 is an aromatic group R2 is chosen from a cyclic secondary aliphatic alkyl group and a heteroalkyl group R3 and R4 are chosen independently of one another from the group consisting of hydrogen a halide and an alkyl group and A is an anion. The process comprises a first substep of forming a reaction mixture by bringing one equivalent of an aniline into contact with one equivalent of a compound bearing an amine group in the presence of at least four point five equivalents of a Br₁nsted acid. The process also comprises a second substep of forming a solution comprising one equivalent of a dicarbonyl one equivalent of formaldehyde and at least four point five equivalents of the Br₁nsted acid and adding thereto the reaction mixture formed in the first substep. The mixture is left to stir for a predetermined time at a predetermined temperature. The intermediate asymmetrical imidazolium salt 1A is then isolated.

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

(22) Date of filing of Application :03/07/2015

(21) Application No.5861/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR PRODUCING MOTOR VEHICLE DOOR LOCKS WITH A PAWL PLACED IN AN OBLIQUE MANNER

(51) International classification	:E05B85/26,E05B77/40	(71)Name of Applicant :
(31) Priority Document No	:10 2012 024 285.9	1)KIEKERT AKTIENGESELLSCHAFT
(32) Priority Date	:12/12/2012	Address of Applicant :Hseler Platz 2 42579 Heiligenhaus Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/DE2013/000773	1)BENDEL Thorsten
Filing Date	:11/12/2013	2)POHLE Werner
(87) International Publication No	:WO 2014/090218	3)WALDMANN Thomas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to minimize the sliding friction between the locking parts (30 31) that is between the pawl (5) and the rotary latch (2) of a motor vehicle door lock (1) it is advantageous if during the production process the different latch surfaces (12 13) of both locking parts (30 31) are provided with a stamped contour (14) have straight grooves and also with a stamped contour (11) characterized in that the provided grooves (18 19) are oblique. Said grooves (18 19) which are oblique to the latch surface (13) on the pawl (5) can be produced such that the entire pawl (5) or also the rotary latch (2) are connected in an oblique manner to the base (39) of the lock case housing (40) which can be produced in several ways. Between the straight grooves (17) and the oblique grooves (18 19) at least two coverings are provided which ensure that both locking parts (30 31) are in mutual contact reducing the friction.

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

(22) Date of filing of Application :18/06/2015

(21) Application No.5341/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : DISTRIBUTION DEVICE WITH INCREMENTALLY ADDED SPLITTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:19/12/2013 :WO 2014/096134	 (71)Name of Applicant : 1)TYCO ELECTRONICS RAYCHEM BVBA Address of Applicant :Diestsesteenweg 692, B- 3010 Kessel- Lo Belgium (72)Name of Inventor : 1)LEEMANN ,Samuel 2)VAN BAELEN, David Jan Irma
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)COLLART ,Stephane 4)CNOPS ,Vincent Francois Michel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A fiber distribution systemincludes a fiber distribution hub with a splice field mounting two stacks of pivot splice trays (630) and two stacks of splitter modules (624) on both sides of a central channel for routing fibre pigtails from the splice trays to the slitter adapter ports.

No. of Pages : 92 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :18/08/2015

(21) Application No.7294/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : COMPRESSIBLE WOUND FILLERS AND SYSTEMS AND METHODS OF USE IN TREATING WOUNDS WITH NEGATIVE PRESSURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F13/00,A61M1/00,A61M27/00 :61/784868 :14/03/2013 :U.S.A. :PCT/GB2014/050746 :13/03/2014 :WO 2014/140578 :NA :NA :NA	 (71)Name of Applicant : 1)SMITH & NEPHEW PLC Address of Applicant :15 Adam Street London WC2N 6LA U.K. (72)Name of Inventor : 1)HARTWELL Edward Yerbury 2)HICKS John Kenneth 3)SAXBY Carl 4)HUDDLESTON Elizabeth Mary 5)HOGGARTH John Christian 6)STERN Tim 7)LINTON Andrew
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(57) Abstract :

Apparatuses and methods disclosed herein relate to various embodiments of wound fillers that in some cases preferentially collapse in one direction as compared to another direction. Such apparatuses and methods may aid in the closure of wounds and may further be used in combination with pressure sensors and controllers to provide for controlled collapse of the wound fillers.

No. of Pages : 44 No. of Claims : 14

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : NOVEL PLASTICIZER BLENDS AND PLASTISOL COMPOSITIONS COMPRISED THEREOF

(51) International classification	:C08J3/18	(71)Name of Applicant :
(31) Priority Document No (32) Priority Date	:61/788555 :15/03/2013	1)EMERALD KALAMA CHEMICAL LLC Address of Applicant :1296 Third Street NW Kalama Washington
(33) Name of priority country	:U.S.A.	98625 U.S.A.
(86) International Application No	:PCT/US2014/028071	(72)Name of Inventor :
Filing Date	:14/03/2014	1)ARENDT William D.
(87) International Publication No	:WO 2014/143902	2)MCBRIDE Emily
(61) Patent of Addition to Application Number	:NA	3)HANES Rebecca
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel plasticizer blend(s) useful for plastisol compositions including organisols having good solvating properties good viscosity profiles and compatibility with other plasticizers and solvents traditionally used in plastisols comprising benzoate ester plasticizer(s) and a compatibilizing plasticizer component. Methods for preparing a plastisol having low viscosity and good rheology characteristics and for rendering a benzoate ester plasticizer or blends thereof compatible with organic solvents traditionally used in plastisols by incorporating the novel plasticizer blend(s) which do not require adjusting the solubility parameters of the solvents to accommodate the plasticizer are disclosed.

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

(19) INDIA

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : BONE SUBSTITUTES GRAFTED BY MIMETIC PEPTIDES OF HUMAN BMP 2 PROTEIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61L27/12,A61L27/36,A61L27/54 :1352302 :14/03/2013 :France :PCT/FR2014/050601 :14/03/2014 :WO 2014/140504 :NA :NA	 (71)Name of Applicant : 1)TEKNIMED Address of Applicant :8 rue du Corps Franc Pommies F 65500 Vic en bigorre France (72)Name of Inventor : 1)DURRIEU Marie Christine 2)ZOUANI Omar
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention concerns a bone substitute material for bone and dental surgery, which comprises: i) a solid support made from at least one phosphocalcic compound having free hydroxyl groups on the surface, and ii) a quantity of a mimetic peptide of human BMP-2 protein, having a sequence KX1PKX2Z1Z2X3PTEX4SAISMLYL (SEQ ID No 3) in which X1, X2, X3 and X4 are nonpolar amino acids, identical or different, and Z1 and Z2, identical or different, represent a cysteine or serine residue, said quantity of mimetic peptide of BMP-2 protein being covalently grafted by the N-terminal end of same to said hydroxyl groups, with a density lower than 100.10-12 mol/mm² surface area of the solid support. The material, of which the osteoinductive properties are expressed quickly and strongly, is applicable in all fields of bone surgery. A method for producing the material with a controlled grafting density is also claimed.

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

(19) INDIA

(22) Date of filing of Application :18/08/2015

(21) Application No.7297/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS TO MAKE 1 1 2 3 TETRACHLOROPROPENE FROM 1 1 3 TRICHLOROPROPENE AND/OR 3 3 3 TRICHLOROPROPENE

(51) International classification	:C07C17/25,C07C17/383,C07C21/04	(71)Name of Applicant :
(31) Priority Document No	:61/766405	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:19/02/2013	Address of Applicant :Patent Services M/S/ AB/2B 101 Columbia
(33) Name of priority country	:U.S.A.	Road P.O. Box 2245 Morristown New Jersey 07962 2245 U.S.A.
(86) International Application No	:PCT/US2014/016873	(72)Name of Inventor :
Filing Date	:18/02/2014	1)YANG Terris
(87) International Publication No	:WO 2014/130445	2)TUNG Hsueh Sung
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a process for the synthesis of 1 1 2 3 tetrachloropropene (HCC 1230xa) using 1 1 3 trichloropropene (HCC 1240za) and/or 3 3 3 trichloropropene (HCC 1240zf) and Cl gas as the reactants wherein the process takes place in a single reactor system. Before this invention HCC 1230xa was made in a two step process using HCC 1240za/HCC 1240zf and Cl gas and the processing was conducted using two separate reactors.

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

(22) Date of filing of Application :18/08/2015

(21) Application No.7290/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A FAN ASSEMBLY

(51) International classification	:F24F13/20,F04D25/08,F04D29/46	
(31) Priority Document No	:1301574.8	1)DYSON TECHNOLOGY LIMITED
(32) Priority Date	:29/01/2013	Address of Applicant : Tetbury Hill Malmesbury Wiltshire SN16 0RP
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2014/050023	(72)Name of Inventor :
Filing Date	:06/01/2014	1)STANIFORTH Mark
(87) International Publication No	:WO 2014/118501	2)BEAVIS Daniel
(61) Patent of Addition to Application	ⁿ :NA	3)PULLEN Jude
Number		
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract :

A fan assembly includes a nozzle having a first casing section a second casing section an air inlet an air outlet and an interior passage for conveying air from the air inlet to the air outlet. The nozzle defines a bore through which air from outside the fan assembly is drawn by air emitted from the nozzle. The nozzle is detachably mounted on a body including a motor and impeller unit for generating an air flow through the interior passage and a humidifier for humidifying the air flow before it enters the interior passage. The first casing section defines at least in part the interior passage and is detachable from the second casing section to allow the interior passage to be accessed by a user for cleaning.

No. of Pages : 68 No. of Claims : 29

(22) Date of filing of Application :18/08/2015

(21) Application No.7291/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : WIND TURBINE BLADES

(51) International classification	:F03D11/00,B29C70/88,F03D1/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:NA	Address of Applicant :Hedeager 42 8200 Aarhus N Denmark
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/DK2013/050037	1)SANDERCOCK Stephen
Filing Date	:13/02/2013	2)COLLARD Toby
(87) International Publication No	:WO 2014/124642	
(61) Patent of Addition to Application	-NI A	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	r:NA	
Filing Date	:NA	

(57) Abstract :

A method of making a wind turbine blade incorporating a lightning protection system the method comprising: providing a wind turbine blade mould; arranging a protruding element in the mould; arranging an electrically conductive layer over the protruding element in the mould; arranging one or more structural layers and/or structural components over the electrically conductive layer; consolidating the layers under vacuum to form a blade shell having an integrated electrically conductive layer proximate an outer surface of the shell; separating the protruding element from the blade shell to define a recess in the outer surface of the shell with the electrically conductive layer extending into the recess; providing an electrical component of the lightning protection system adjacent an inner surface of the shell; and electrically connecting the electrically conductive layer to the electrical component via a connecting member; wherein an end portion of the connecting member is housed in the recess such that a surface of the connecting member abuts the electrically conductive layer across an interface region inside the recess and such that the end portion does not substantially protrude from the outer surface of the shell.

No. of Pages : 28 No. of Claims : 38

(22) Date of filing of Application :18/08/2015

(21) Application No.7292/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : GAS TURBINE COMBUSTOR EXIT PIECE WITH HINGED CONNECTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:13/834185 :15/03/2013 :U.S.A.	 (71)Name of Applicant : 1)SIEMENS ENERGY INC. Address of Applicant :4400 Alafaya Trail Orlando Florida 32826 2399 U.S.A. (72)Name of Inventor : 1)CHARRON Richard C. 2)PANKEY William W.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2014/150437 :NA :NA :NA	2)PANKEY William W.
Filing Date	:NA	

(57) Abstract :

An exit piece (66) with an inlet throat (67) that conducts a combustion gas flow (36A) in a path (82) from a combustor (63) to an annular chamber (68) that feeds the first blade section (37) of a gas turbine (26). The exit piece further includes an outlet portion (69) that forms a circumferential segment of the annular chamber. The outlet portion interconnects with adjacent outlet portions by hinges (78A 78B 80A 80B). Each hinge may have a hinge axis (82A 82B) parallel to a centerline (21) of the turbine. Respective gas flows (36A) are configured by an assembly (60) of the exit pieces to converge on the feed chamber (68) into a uniform helical flow that drives the first blade section with minimal circumferential variations in force.

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

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : AUTOMATIC THREE WAY DIVERTER VALVE (51) International classification :A61M5/20,A61M5/28,A61M39/26 (71)Name of Applicant : (31) Priority Document No 1)ETHICON INC. :13/826567 (32) Priority Date :14/03/2013 Address of Applicant : P.O. Box 151 U.S. Route 22 Somerville New (33) Name of priority country Jersev 08876 U.S.A. :U.S.A. (86) International Application No :PCT/US2014/020083 (72)Name of Inventor : Filing Date :04/03/2014 1)GOODMAN John (87) International Publication No :WO 2014/158773 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A fluid delivery apparatus including a three way diverter valve assembly (25) the three way diverter valve assembly including a valve housing having a valve body (26) and a valve cap (30) the valve housing providing a first fluid passageway a second fluid passageway and a third fluid passageway and a resilient valve component (28) within the valve housing where the resilient valve component is movable from a first position which provides a fluid pathway from the first fluid passageway to the second fluid passageway to a second position which provides a fluid pathway from the first fluid passageway.

No. of Pages : 37 No. of Claims : 25

(22) Date of filing of Application :03/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : PLANT GROWTH PROMOTING FORMULATION OF PRIFORMOSPORA INDICA AND AZOTOBACTER CHROOCOCCUM WITH TALCUM POWDER

 (51) International classification (31) Priority Document No (32) Priority Date (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	 (71)Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVESITY CAMPUS, SECTOR- 125, NOIDA-201303, UP, INDIA. Uttar Pradesh India (72)Name of Inventor : 1)DR. AJIT VARMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a plant growth promoting formulation comprising cold shock treated P. indica and Azotobacter chroococcum with talcum powder which acts as a base. The plant growth promoting formulation is prepared by mixing 10 ml of CMC mixed Azotobacter chroococcum culture and 10ml (CMC mixed P. indica broth) with 80g of sterilized talcum powder. The final Azotobacter chroococcum count in the formulation is in the range of $1 \times 107 - 1 \times 109$ cfu.

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

(22) Date of filing of Application :18/08/2015

(21) Application No.7301/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : COMPOSITIONS OF CRUDE ALGAL OIL

:C12P7/64	(71)Name of Applicant :
:61/800114	1)AURORA ALGAE INC.
:15/03/2013	Address of Applicant :3325 Investment Boulevard Hayward
:U.S.A.	California 94545 U.S.A.
:PCT/US2014/031058	(72)Name of Inventor :
:18/03/2014	1)VICK Bertrand
:WO 2014/146098	2)THOMPSON Andrew
:NA	3)COLLINS Michelle L.
:NA	4)HIPPLER Jeffrey Gerard
:NA	5)ASTWOOD James
:NA	
	:61/800114 :15/03/2013 :U.S.A. :PCT/US2014/031058 :18/03/2014 :WO 2014/146098 :NA :NA :NA

(57) Abstract :

The present invention provides compositions for a crude algal oil and methods of making thereof. The compositions can be used to produce a highly pure omega 3 eicosapentaenoic acid (EPA) formulation.

No. of Pages : 33 No. of Claims : 30

(22) Date of filing of Application :18/08/2015

(21) Application No.7302/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING MPSI

 (51) International classification (31) Priority Document No (32) Priority Date (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/US2014/025509 :13/03/2014 :WO 2014/151341	 (71)Name of Applicant : 1)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA Address of Applicant :3160 Chestnut Street Suite 200 Philadelphia PA 19104 6283 U.S.A. (72)Name of Inventor : 1)WILSON James M. 2)GURDA Brittney L.
Number Filing Date		
(62) Divisional to Application Number	· :NA	
Filing Date	:NA	

(57) Abstract :

A vector have an expression cassette containing have a hIDUA gene has a sequence of SEQ ID NO: 1 or a sequence at least about 95% identical thereto which encodes a functional human alpha L iduronidase is provided. The vector may be a production vector or a rAAV8. Also provided are compositions containing these vectors and methods of treating MPSI and the symptoms associated with Hurler Hurler Scheie and Scheie syndromes.

No. of Pages : 77 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : LOCALIZED FLUE GAS DILUTION IN HEAT RECOVERY STEAM 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 	:PCT/US2014/023294 :11/03/2014 :WO 2014/159380 :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¹/₄nchen Germany (72)Name of Inventor : 1)EL ZAHAB Zaher 2)FELLER Gerald J.
Filing Date (62) Divisional to Application Number Filing Date		

(57) Abstract :

A heat recovery steam generator (HRSG) (10) including: an economizer (12) configured to heat a working fluid by extracting heat from a flow of flue gas (20). The HRSG includes a diluting fluid injector arrangement (60) configured to inject a diluting fluid (50) effective to dilute a concentration of a gaseous corrosive when compared to an undiluted concentration of the gaseous corrosive in the flow of flue gas. The HRSG also includes a preheater (18) configured to preheat the diluting fluid prior to injection.

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

(19) INDIA

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : (METHYLCYCLOHEXYL)TOLUENE ISOMER MIXTURES THEIR PRODUCTION AND THEIR USE IN THE MANUFACTURE OF PLASTICIZERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07C13/18,C07C13/28,C07C15/12 :61/781137 :14/03/2013 :U.S.A. :PCT/US2014/021950 :07/03/2014	 (71)Name of Applicant : 1)EXXONMOBIL CHEMICAL PATENTS INC. Address of Applicant :5200 Bayway Drive Baytown TX 77520 5200 U.S.A. (72)Name of Inventor : 1)DAKKA Jihad M.
(87) International Publication No	:WO 2014/159100	2)DECAUL Lorenzo C.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)TANG Wei
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A composition is described comprising a mixture of (methylcyclohexyl)toluene isomers having the following formula: wherein the mixture comprises at least 50 wt% in total of the 3 3 3 4 4 3 and 4 4 isomers of (methylcyclohexyl)toluene.

No. of Pages : 29 No. of Claims : 22

(22) Date of filing of Application :18/08/2015

(21) Application No.7305/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : COOLING DEVICE & METHOD

(51) International classification	:B21B27/10	(71)Name of Applicant :
(31) Priority Document No	:1303863.3	1)SIEMENS PLC
(32) Priority Date	:05/03/2013	Address of Applicant :Faraday House, Sir William Siemens Square,
(33) Name of priority country	:U.K.	Frimley, Camberley GUI 6 8QD (GB). U.K.
(86) International Application No	:PCT/EP2014/051942	(72)Name of Inventor :
Filing Date	:31/01/2014	1)CHRISTOFOROU Peter
(87) International Publication No	:WO 2014/135316	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of controlling a profile of a surface of one or more work rolls (8) of a rolling mill comprises supplying a cryogenic coolant (20) to a nozzle (23) at a substantially constant flow rate; and controlling (58) a gas supply (57) to supply gas (24) to the cryogenic coolant. If the cooling power provided by the coolant at the surface of the work roll (8) is greater than the cooling power required the gas supply to the coolant is controlled such that liquid coolant (20) is atomised (27) by the gas before being sprayed from the nozzle onto the surface of the work roll. If the cooling power provided by the coolant at the surface of the work roll is less than the cooling power required the gas supply is controlled such that the coolant (20) is supplied from the nozzle as a liquid (26) to the surface of the work rolls.

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

(19) INDIA

(22) Date of filing of Application :18/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND ARRANGEMENTS FOR CHECKING CONNECTIVITY AND DETECTING CONNECTIVITY FAILURE

(51) International classification	:H04L29/08,H04L12/28	(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/SE2013/050049	1)KOV • CS, kos
Filing Date	:23/01/2013	2)JOHANSSON ,Lars
(87) International Publication No	:WO 2014/116148	3)SJ–STRAND ,Benny
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is proposed methods and arrangements for connectivity checking and detection of connectivity failure, which is based on a modified Ethernet ARP address resolution mechanism to detect broken connectivity on physical, data- link and network layer between a first and a second node. The detection mechanism uses Periodical Gratuitous ARP messages (PGARP). PGARP messages are sent by a first node, the sender host or Issuer. On the other side of a data path is a second node , receiver host or Listener configured to detect lost connectivity by means of missing PGARP messages. The process on the Listener then informs subscribing services ,host local , or remote, about the state of the connectivity.

No. of Pages : 29 No. of Claims : 18

(22) Date of filing of Application :18/06/2015

(54) Title of the invention : METHODS FOR SCREENING

(43) Publication Date : 08/01/2016

		(71)Name of Applicant :
(51) International classification	:C07K14/435	1)FRED HUTCHINSON CANCER RESEARCH CENTER
(31) Priority Document No	:61/735516	Address of Applicant :1100 Fairview Avenue North Seattle WA
(32) Priority Date	:10/12/2012	98109 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2013/074218	1)OLSON ,James
Filing Date	:10/12/2013	2)MEHLIN, Christopher
(87) International Publication No	:WO 2014/093406	3)STROUD, Mark
(61) Patent of Addition to Application Number	:NA	4)SIMON ,Julian
Filing Date	:NA	5)CORRENTI ,Colin
(62) Divisional to Application Number	:NA	6)PADDISON, Patrick
Filing Date	:NA	7)STRONG, Roland
<u> </u>		8)MAY,Damon

(57) Abstract :

Methods and systems for discovering drug candidates are disclosed. Methods and systems can include generating libraries of potential drug candidates (e.g., libraries of peptides) that can be screened to identify sub-libraries of potential drug candidates (e.g., sub-libraries of peptides) having selected pharmacological properties. Methods of making and using peptide libraries are also provided. D amino acid chlorotoxins and D - amino acid chlorotoxin variants are also provided.

No. of Pages : 189 No. of Claims : 147

(19) INDIA

(22) Date of filing of Application :18/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : NEUROACTIVE 19- ALKOXY -17 -SUBSTITUTED STEROIDS, PRODRUGS THEREOF, AND METHODS OF TREATMENT USING SAME

(51) International classification	:C07J1/00,C07J7/00,C07J9/00	(71)Name of Applicant :
(31) Priority Document No	:61/738822	1)WASHINGTON UNIVERSITY
(32) Priority Date	:18/12/2012	Address of Applicant : One Brookings Drive, St. Louis , MO 63130
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/076214	2)SAGE THERAPEUTICS, INC.
Filing Date	:18/12/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/100228	1)COVEY, Douglas
(61) Patent of Addition to Application	:NA	2)ROBICHAUD ,Albert ,Jean
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure is generally directed to neuroactive 19- alkoxy -17 -substituted steroids as referenced herein , and pharmaceutically acceptable salts thereof , for use as, for example , an anesthetic , and/or in the treatment of disorders relating to GABA function and activity. The present disclosure is further directed to pharmaceutical compositions comprising such compounds.

No. of Pages : 90 No. of Claims : 53

(22) Date of filing of Application :18/06/2015

(21) Application No.5345/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PORCINE PARVOVIRUS 5B METHODS OF USE AND 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K14/015,C12N7/00 :61/765204 :15/02/2013 :U.S.A. :PCT/US2014/016165 :13/02/2014 :WO 2014/127084 :NA :NA :NA	 (71)Name of Applicant : 1)BOEHRINGER INGELHEIM VETMEDICA, INC. Address of Applicant :2621 North Belt Highway, St. Joseph, Missouri 64506 U.S.A. (72)Name of Inventor : 1)IYER, Arun V. 2)JORDAN ,Dianna M. Murphy 3)PATTERSON, Abby Rae 4)ROOF, Michael B. 5)VAUGHN ,Eric Martin 6)VICTORIA, Joseph Gilbert 7)VISEK, Callie Ann
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(57) Abstract :

The present invention provides novel nucleotides sequences, protein sequences, immunogenic compositions, vaccines, and methods that relate to making and using new porcine parvovirus 5B (PPV5B) that infects, inter alia, domestic swine. The compositions and methods provide for the detection of infections by said new virus, monitoring genetic changes in the viral sequences in wild and domestic animals and herds, and making and using novel vaccines for protecting animals from infection by the virus.

No. of Pages : 72 No. of Claims : 27

(22) Date of filing of Application :18/08/2015

(21) Application No.7317/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : RADICAL ORBITAL SWITCHING

(51) International classification	:C07B61/00,C07D211/94,C07D207/46	(71)Name of Applicant :
(31) Priority Document No	:2013900371	1)THE AUSTRALIAN NATIONAL UNIVERSITY
(32) Priority Date	:06/02/2013	Address of Applicant : Acton ACT 2601 Australia
(33) Name of priority country	:Australia	(72)Name of Inventor :
(86) International Application No	:PCT/AU2014/000085	1)COOTE Michelle Louise
Filing Date	:06/02/2014	2)GRYNOVA Ganna
(87) International Publication No	:WO 2014/121327	
(61) Patent of Addition to	.NT 4	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	.NT A	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein are distonic radical anion species of formula (I): RAD L NEG; wherein RAD is a group comprising a radical; NEG is a group comprising an anion which is capable of bonding to a proton or other cation; L is a linker that links NEG to RAD; and the radical of RAD is not p conjugated to the anion of NEG.

No. of Pages : 140 No. of Claims : 94

(22) Date of filing of Application :18/08/2015

(21) Application No.7318/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : WIRELESS ILLUMINATED APPAREL

(51) International classification	:B60Q1/44,B62J6/00	(71)Name of Applicant :
(31) Priority Document No	:13/834149	1)TIMMERBERG Adam
(32) Priority Date	:15/03/2013	Address of Applicant :888 Prospect Street Suite 200 San Diego CA
(33) Name of priority country	:U.S.A.	92037 4260 U.S.A.
(86) International Application No	:PCT/US2014/029003	(72)Name of Inventor :
Filing Date	:14/03/2014	1)TIMMERBERG Adam
(87) International Publication No	:WO 2014/144544	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An illumination device for or in combination with apparel or other worn garments by a rider of a motorcycle or scooter for enhancing recognition of the motorcycle s presence by proximate vehicles. The device features lighting components engaged upon or part of the clothing of the rider which illuminate the rider and human form in concert with one or more lights on the motorcycle. The resulting non constant illuminations provide a visual enhancement of the rider and motorcycle presence to adjacent drivers.

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

(22) Date of filing of Application :19/08/2015

(21) Application No.7320/DELNP/2015 A

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:PCT/US2014/016442	1)SURGIMATIX INC. Address of Applicant :1539 Jarvis Ave. Elk Grove Village IL 60007 U.S.A. (72)Name of Inventor :
Filing Date (87) International Publication No	:14/02/2014 :WO 2014/127216	1)CHIN Wai N. 2)KOBYLEWSKI Gary M.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA	3)HASAN Jafar S.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A medical fastening device is provided. The fastening device may include a first arcuate needle adapted to rotate about a first axis in a first direction entering through a first section of one of a tissue and a prosthetic material and exiting through a second section of one of the tissue and the prosthetic material; a second arcuate needle adapted to rotate about a second axis in a second direction entering through the second section of one of the tissue and the prosthetic material and exiting through the first section of one of the tissue and the prosthetic material; and a drive mechanism operatively coupled to each of the first and second arcuate needles and configured to engage each of the first and second arcuate needles between a retracted position and an extended position.

No. of Pages : 60 No. of Claims : 45

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : THERMOFORMED CONTAINER WITH LID		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65D43/16,B65D51/20,B65D51/24 :PCT/NL2013/050114 :22/02/2013 :Netherlands :PCT/NL2014/050111 :24/02/2014 :WO 2014/129902 :NA :NA :NA	 (71)Name of Applicant : 1)N.V. NUTRICIA Address of Applicant :Eerste Stationsstraat 186 NL 2712 HM Zoetermeer Netherlands (72)Name of Inventor : 1)VAN PUIJENBROEK Alexander Josephus Maricus 2)CRUSIUS Sjors Floris 3)ROBERTS Priya Caroline 4)PIETTE Beno®t Marie Fran§ois 5)VAN BAAL Patrick Michael 6)PEREK Franck

(57) Abstract :

A container assembly (1) comprises a thermo formed tub (2) of relatively thin plastic material having a peripheral wall (16) extending to an upper edge (18) and defining a product containing space (20). A lower rim (8) is connected to the upper edge of the tub the lower rim defining an opening (26) giving access to the product containing space (20) and being formed of a relatively thicker plastic material. An upper rim (10) is connectable to the lower rim and a lid (12) is provided for selectively closing the opening. By the use of a thin walled thermoformed tub the amount of material required for forming the body of the container is limited. Furthermore the lower rim of relatively thicker plastic material provides the required support to the relatively thin material of the peripheral wall allowing effective connection to the upper rim.

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

(19) INDIA

(22) Date of filing of Application :19/08/2015

(21) Application No.7322/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY 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 	:07/03/2014	 (71)Name of Applicant : 1)GALAPAGOS NV Address of Applicant :Industriepark Mechelen Noord Generaal De Wittelaan L11/A3 B 2800 Mechelen Belgium (72)Name of Inventor : 1)DESROY Nicolas 2)HECKMANN Bertrand 3)BRYS Reginald Christophe Xavier 4)JONCOUR Agn[°]s 5)PEIXOTO Christophe 6)BOCK Xavier
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(57) Abstract :

The present invention discloses compounds according to Formula I: Wherein R R R R R R R R R R W X Cy and the subscript a are as defined herein. The present invention relates to compounds inhibiting autotaxin (NPP2 or ENPP2) methods for their production pharmaceutical compositions comprising the same and methods of treatment using the same for the prophylaxis and/or treatment of diseases involving fibrotic diseases proliferative diseases inflammatory diseases autoimmune diseases respiratory diseases cardiovascular diseases neurodegenerative diseases dermatological disorders and/or abnormal angiogenesis associated diseasesby administering the compound of the invention.

No. of Pages : 291 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : FLOORING UNDERLAYMENT AND APPARATUS, FLOORING SYSTEM AND FLOOR INSTALLATION METHOD USING THE SAME

(51) International classification(31) Priority Document No(32) Priority Date	:E04F15/18,E04F15/16,E04F15/00 :61/757580 :28/01/2013	1)ARMSTRONG WORLD INDUSTRIES INC. Address of Applicant :2500 Columbia Avenue Lancaster PA 17603
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2014/013446	(72)Name of Inventor :
Filing Date	:28/01/2014	1)PASTRANA Tony T.
(87) International Publication No	:WO 2014/117181	
(61) Patent of Addition to Application	¹ :NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	er:NA	
Filing Date	:NA	

(57) Abstract :

A flooring underlayment is disclosed that is particularly useful for the installation and formation of floating floor systems. In on embodiment the invention can be an integral composite underlayment comprising: a flexible support layer having an upper surface and a lower surface; a pre applied adhesive layer disposed on the upper surface of the flexible support layer; and a release layer coupled to disposed on the adhesive layer.

No. of Pages : 45 No. of Claims : 65

(22) Date of filing of Application :19/08/2015

(21) Application No.7324/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : QUANTIFICATION METHOD FOR EXPRESSION LEVEL OF WT1 MRNA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 	:2013008984 :22/01/2013 :Japan :PCT/JP2014/051294 :22/01/2014 :WO 2014/115779 :NA :NA :NA	 (71)Name of Applicant : 1)OTSUKA PHARMACEUTICAL CO. LTD. Address of Applicant :9 Kanda Tsukasamachi 2 chome Chiyoda ku Tokyo 1018535 Japan (72)Name of Inventor : 1)SAIJO Yoko 2)ITO Ryuta 3)KOGA Daisuke
Filing Date	:NA	

(57) Abstract :

Provided is a method for quantifying with ease in a short time period and with high sensitivity human WT1 mRNA expression level which can be used to diagnose cancers such as leukaemia and solid carcinoma and which can be used to determine bone marrow transplantation times. This quantification method for human WT1 mRNA expression level uses one step RT PCR to quantify human WT1 mRNA expression level and is characterized in that a reverse transcription reaction and an elongation reaction of human WT1 mRNA and a housekeeping gene (mRNA) are simultaneously and continuously progressed in the same vessel.

No. of Pages : 44 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : INTEGRATED PROCESS FOR THE PRODUCTION OF METHANOL AND METHYL ACETATE

(32) Priority Date:21/12/2012Address of Applicant :Chertsey Road, Sunbury on Thames,(33) Name of priority country:EPOMiddlesex TW16 7BP U.K.(86) International Application No:PCT/EP2013/077477(72)Name of Inventor :Filing Date:19/12/20131)BRISTOW ,Timothy Crispin(61) Patent of Addition to:NA:NAFiling Date:NA:NA(62) Divisional to Application:NANumber:NANumber: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 	:EPO :PCT/EP2013/077477 :19/12/2013 :WO 2014/096249 :NA :NA	1)BP CHEMICALS LIMITED Address of Applicant :Chertsey Road, Sunbury on Thames, Middlesex TW16 7BP U.K. (72)Name of Inventor :
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(57) Abstract :

An integrated process for the production of methyl acetate and methanol by carbonylating dimethyl ether with synthesis gas, recovering methyl acetate and unreacted synthesis gas and supplying unreacted synthesis gas and fresh synthesis gas for methanol synthesis.

No. of Pages : 47 No. of Claims : 36

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : HIGH CONTENT SODIUM IBUPROFEN GRANULES, THEIR PREPARATION AND THEIR USE IN PREPARING NON EFFERVESCENT SOLID DOSAGE FORMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/714768 :14/12/2012 :U.S.A.	 (71)Name of Applicant : 1)ALBEMARLE CORPORATION Address of Applicant :45 1 Florida Street, Baton Rouge, LA 70801-1765 U.S.A. (72)Name of Inventor : 1)BOUDOIN, Latria, N. 2)LAMBETH ,Gregory ,H. 3)LIIMATTA, Eric, W. 4)HU, Patrick, C.
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(57) Abstract :

Disclosed is a method for the preparation of easily -swallowed, reliably- dosed, esthetically- improved tablets of sodium ibuprofen dihydrate, the method comprising the formation of the tablets with punches or presses comprising contact surfaces which are chrome or chrome- plated.

No. of Pages : 59 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :17/06/2015

(21) Application No.5292/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SOLUTION FOR PRESERVING VASCULAR CONDUITS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (80) International Application No. 	:A01N1/02,A61K38/48,A61K31/375 :61/848349 :31/12/2012 :U.S.A.	1)SOMAHLUTION, LLC Address of Applicant :225 Chimney Corner Lane, Jupiter ,FL 33458 U.S.A.
 (86) International Application No Filing Date (27) International Publication No 	:PCT/US2013/078064 :27/12/2013	(72)Name of Inventor : 1)SURYAN, Mahendra 2)MENON Sector
(87) International Publication No(61) Patent of Addition toApplication NumberFiling Date	:WO 2014/106091 :NA :NA	2)MENON, Satish
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Organ and tissue preservation formulations with improved stability shelf life are provided by separating the formulation into a first solution having a pH of at least 7 and a second solution having a pH of less than 7. The first solution includes components with improved stability when stored at a pH of 7.0 or above, and the second solution includes components with improved stability when stored at a pH below 7.0. The first solution includes water, a balanced salt solution , a sugar , and L- arginine at a pH of at least 7.0. The second solution includes water , ascorbic acid , and reduced glutathione at a pH of less than 7.0 and preferably from pH 6.9 to about pH 2.8. During use, the first and second solutions are mixed to form a final formulation that can be used at a physiological pH to preserve the function of the tissue or organ.

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

(19) INDIA

(22) Date of filing of Application :19/08/2015

(21) Application No.7331/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : COMBINATION THERAPY FOR NEOPLASIA TREATMENT

(51) International classification	:A61K39/395,C07K16/22,C07K16/28	(71)Name of Applicant :
(31) Priority Document No	:13158228.0	1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(32) Priority Date	:07/03/2013	Address of Applicant : Binger Strasse 173 55216 Ingelheim am Rhein
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2014/054300	(72)Name of Inventor :
Filing Date	:06/03/2014	1)ADAM Paul
(87) International Publication No	:WO 2014/135611	2)FRIEDBICHLER Katrin
 (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 insulin like growth factor (IGF) receptor antagonist for use in the treatment of prostate neoplasia including benign prostatic hyperplasia (BPH) prostate cancer and particularly CRPC wherein the antagonist is used in combination with an androgen receptor antagonist. An embodiment of the invention is where the androgen receptor antagonist is enzalutamide.

No. of Pages : 73 No. of Claims : 14

(22) Date of filing of Application :19/08/2015

(21) Application No.7333/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : REACTIVE SURFACE COATING HAVING CHEMICAL DECONTAMINATION AND BIOCIDAL PROPERTIES

(51) International classification	:A01N25/26,C09D5/16	(71)Name of Applicant :
(31) Priority Document No	:13/836364	1)AMERICAN STERILIZER COMPANY
(32) Priority Date	:15/03/2013	Address of Applicant :5960 Heisley Road Mentor 44060 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2014/017135	1)KAISER Herbert J.
Filing Date	:19/02/2014	2)SHAVER Miranda C.
(87) International Publication No	:WO 2014/149321	3)GIDDENS Timothy Lee
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Reactive compositions are provided having biocidal and chemical decon tamination/neutralization properties comprising a hygroscopic polymer and an active which are useful in a variety of commercial healthcare and military applications and a wide variety of contaminants including without limitation chemical and biological warfare agents. The reactive compositions are renewable or rechargeable after use by exposure to an additional application of the active and do not require removal disposal or replacement of the originally applied composition. Methods for preparing and applying the reactive compositions are disclosed.

No. of Pages : 78 No. of Claims : 15

(22) Date of filing of Application :19/08/2015

(21) Application No.7334/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : ENTERIC COATED TABLET

(51) International classification(31) Priority Document No(32) Priority Date	:A61K9/36,A61K31/606,A61K45/00 :2013032759 :222/02/2013	1)ZERIA PHARMACEUTICAL CO. LTD. Address of Applicant :10 11 Nihonbashi Kobuna cho Chuo ku Tokyo
(33) Name of priority country	:Japan	1038351 Japan
(86) International Application No	:PCT/JP2014/054104	(72)Name of Inventor :
Filing Date	:21/02/2014	1)RYU Akio
(87) International Publication No	:WO 2014/129568	2)OSADA Miyako
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is an enteric coated tablet that has a large amount of a drug component and that has sufficient impact strength without having to make the enteric coating film thick. The enteric coated tablet has the following: (A) a drug component containing plain tablet weighing 1 000 mg or more; on the surface of the plain tablet (B) a water soluble polymer containing coating film; and on the surface of the water soluble polymer containing coating film; C) an enteric coating film that dissolves at a pH of 7 or higher. The enteric coated tablet is characterized in that the total amount of coating film (B) and coating film (C) is 10 18 mg/cm coating film (B) is 6 12 mg/cm and coating film (C) is 3 6 mg/cm.

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

(19) INDIA

(22) Date of filing of Application :19/08/2015

(21) Application No.7340/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : CLEANSING BARS COMPRISING SUPERHYDROPHILIC AMPHIPHILIC COPOLYMERS AND METHODS OF USE THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K8/73,A61Q19/00,A61K8/00 :13/804211 :14/03/2013 :U.S.A.	 (71)Name of Applicant : 1)JOHNSON & JOHNSON CONSUMER INC. Address of Applicant :199 Grandview Road Skillman NJ 08550 U.S.A.
(86) International Application No Filing Date	:PCT/US2014/017052 :19/02/2014	(72)Name of Inventor :1)BRUNING Elizabeth
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:WO 2014/158472 :NA :NA	2)FEVOLA Michael J. 3)GEORGE Edmund Donald 4)GUNN Euen T. Ekman 5)RAYMOND David Joseph
(62) Divisional to Application Number Filing Date	r :NA :NA	6)SUN Frank C.

(57) Abstract :

Provided are low irritation high foaming personal care compositions comprising superhydrophilic amphiphilic copolymers. Also provided are methods of making and using such compositions.

No. of Pages : 63 No. of Claims : 34

(22) Date of filing of Application :19/08/2015

(21) Application No.7341/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : IMPROVEMENTS IN AND RELATING TO IMPLANTS

(51) International classification(31) Priority Document No(32) Priority Date	:A61B17/68,A61B17/04,A61B17/88 :13/789422 :07/03/2013	 (71)Name of Applicant : 1)DEPUY SYNTHES PRODUCTS INC. Address of Applicant :325 Paramount Drive Raynham Massachusetts
(33) Name of priority country		02767 U.S.A.
(86) International Application No	:PCT/US2014/015920	(72)Name of Inventor :
Filing Date	:12/02/2014	1)GEDET Philippe
(87) International Publication No	:WO 2014/137557	2)FRIGG Robert
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An implant assembly includes a first implant member a second implant member and a contractible element that is connected between the first and second implant members. The first implant member is configured to be placed against a first bone portion and the second implant member is configured to be placed against a second bone portion. The contractible element is fixed at a first end to one of the first and second implant members and movable at a second end with respect to one of the first and second implant members so as to induce tension in the suture thereby providing a compressive force against the first and second bone portions. The second end can then be fixed with respect to the first and second implant members. The contractible element can contract in length in response to bodily fluids thereby ensuring adequate post operative compression. An instrument is also disclosed that is configured to implant the first and second implant members adjacent the first and second bone portions respectively.

No. of Pages : 52 No. of Claims : 26

(22) Date of filing of Application :19/08/2015

(21) Application No.7342/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : BICYCLIC PYRROLE DERIVATIVES USEFUL AS AGONISTS OF GPR120

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	a :C07D401/04,C07D207/333,A61K31/401 :61/783158 :14/03/2013 :U.S.A.	 (71)Name of Applicant : 1)JANSSEN PHARMACEUTICA NV Address of Applicant :Turnhoutseweg 30 B 2340 Beerse Belgium (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:PCT/US2014/021740 :07/03/2014 :WO 2014/149987	1)SUI Zhihua 2)WINTERS Michael P.
 (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 directed to bicyclic pyrrole derivatives pharmaceutical compositions containing them and their use in the treatment of disorders and conditions modulated by GPR120. More particularly the compounds of the present invention are agonists of GPR120 useful in the treatment of such as for example Type II diabetes mellitus.

No. of Pages : 108 No. of Claims : 29

(22) Date of filing of Application :19/08/2015

(21) Application No.7343/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : NEEDLE PROTECTION DEVICE

(51) International classification	:A61M5/32,B29C45/16,A61M5/31	(71)Name of Applicant :
(31) Priority Document No	:1351841	1)APTAR STELMI SAS
(32) Priority Date	:01/03/2013	Address of Applicant :Le Raspail Paris Nord 2 22 avenue des Nations
(33) Name of priority country	:France	F 93420 Villepinte France
(86) International Application No	:PCT/FR2014/050389	(72)Name of Inventor :
Filing Date	:25/02/2014	1)FOURNIER Arnaud
(87) International Publication No	:WO 2014/131979	2)FOURNIER Ghislain
(61) Patent of Addition to Application	1 .NTA	3)SWAL Micka«l
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	. NT A	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

Device (100) for injection of fluid product having a syringe body (101) and a needle (110) fixed in an axial end projection (102) of the syringe body said end projection (102) having an axial end surface (103) said injection device having a needle protection device (200) said protection device being fixed on said injection device in a storage position said protection device being removable from said injection device said protection device having an internal body (210) made of substantially flexible and/or deformable material and an external body (220) made of substantially rigid material said internal body (210) in the storage position closing the dispensing orifice (111) of said needle (110) in a leaktight manner and cooperating with said injection device (100) in a leaktight manner and said external body (220) having a fastening part (228) which in the storage position cooperates with a shoulder (104) of said injection device (100) in order to fix said protection device (200) on said injection device (100) said internal body (210) having a proximal axial end edge (213) which in the storage position is designed to cooperate in a leaktight manner with the syringe body (101) exclusively via said axial end surface (103) said internal body (210) being made of a material with the following properties: a hardness greater than 55 Shore A in particular greater than 60 Shore A an elasticity greater than 8 MPa in particular greater than 10 MPa a compression set of less than 30% in particular less than 25% a density greater than 1 in particular greater than 1.3.

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

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR OBTAINING A PROBIOTIC PREPARATION OF PARTICULATE ANTIGENS OF CORYNEBACTERIA, PROBIOTIC BACTERIAL PREPARATION FOR PREVENTING AND TREATING TUBERCULOSIS, AND SYMBIOTIC STRAIN

(57) Abstract :

A symbiotic probiotic bacterial preparation for preventing and treating tuberculosis in human beings and animals and a method for preparing same is proposed. The strain Corynebacterium diphtheriae tox - No.5047 is used to manufacture the preparation , said strain having been deposited in the State Collection of Microorganisms of Normal Microflora of the Federal Budgetary Institute for Science G.N. Gabrichevskii Moscow Scientific and Research Institute for Epidemiology and Microbiology [MNIIEM] of the Federal Inspectorate Service for Consumer Rights Protection and Personal Welfare [Rospotrebnadzor]. The obtained preparation is harmless and effective in producing both non -specific and specific anti- tuberculous immunity.

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

(19) INDIA

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : RESPIRABLE AGGLOMERATES OF POROUS CARRIER PARTICLES AND MICRONIZED DRUG

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61K47/02,A61K45/06,A61K9/00 :61/784842 :14/03/2013 :U.S.A. :PCT/IB2014/059739 :13/03/2014 :WO 2014/141135 ":NA :NA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)HARTMAN Michael 2)TARARA Thomas 3)TEUNG Patrick 4)WEERS Jeffry
	:NA :NA :NA	

(57) Abstract :

A pharmaceutical composition for pulmonary delivery that is a dry powder that contains a porous carrier particles and active agent particles. The porous carrier particles and the active agent particles form an ordered mixture of respirable agglomerates that are useful to treat diseases of the lung. The active agent particles can comprise one two three or more active ingredients. A spray drying process for preparing the respirable agglomerates is also described.

No. of Pages : 69 No. of Claims : 15

(22) Date of filing of Application :19/08/2015

(21) Application No.7352/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND COMPOSITIONS FOR COATING SUBSTRATES

(51) International classification	:B05D7/00	(71)Name of Applicant :
(31) Priority Document No	:13/780628	1)PPG INDUSTRIES OHIO INC.
(32) Priority Date	:28/02/2013	Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2014/018333	(72)Name of Inventor :
Filing Date	:25/02/2014	1)SWARUP Shanti
(87) International Publication No	:WO 2014/134045	2)XU Xiangling
(61) Patent of Addition to Application Number	:NA	3)SADVARY Richard J.
Filing Date	:NA	4)CHASSER Anthony M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for applying a multilayer coating comprising a basecoat and a clearcoat is disclosed. The basecoat is a curable aqueous composition comprising (1) polymeric particles containing carboxylic acid functionality and prepared from ethylenically unsaturated compounds including a multi ethylenically unsaturated monomer and (2) a polycarbodiimide.

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

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MANUFACTURING METHODS AND APPARATUS FOR TARGETED LUBRICATION IN HOT METAL ROLLING

(51) International classification(31) Priority Document No(32) Priority Date	:B21B27/10,B21B45/02 :61/798769 :15/03/2013	 (71)Name of Applicant : 1)NOVELIS INC. Address of Applicant :3560 Lenox Road Suite 2000 Atlanta Georgia
(33) Name of priority country	:U.S.A.	30326 U.S.A.
(86) International Application No	:PCT/US2014/026343	(72)Name of Inventor :
Filing Date	:13/03/2014	1)JANUSZKIEWICZ Krzysztof Ryszard
(87) International Publication No	:WO 2014/151731	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Rolling mill apparatus and methods of hot rolling with targeted lubrication are provided herein. A rolling mill apparatus having multiple roll stacks (A B C) may include a cooling fluid pump (10) and a lubricant pump (20) fluidly coupled with cooling nozzles (24) and lubrication nozzles (25) through a piping system. The piping system may be configured such that the lubricant pump (20) introduces neat lubricant that mixes with the cooling fluid to form a lubricating fluid as loose lubricant emulsion for discharge to select roll stacks (A B C) through one or more lubrication nozzles (25) while one or more cooling nozzles (24) discharge the cooling fluid without the added lubricant. The lubrication nozzles (25) may be aimed to target discharge of the lubricant emulsion to the bite roll. Modifications to mill headers (24) to provide targeted lubrication in accordance with the invention are also provided.

No. of Pages : 26 No. of Claims : 20

(22) Date of filing of Application :19/08/2015

(21) Application No.7354/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : TERMINAL BLOCK ARRANGEMENT			
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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)PHOENIX CONTACT GMBH & CO. KG Address of Applicant :Flachsmarktstrae 8 32825 Blomberg Germany (72)Name of Inventor : 1)MESTARS Jochen 	

(57) Abstract :

Terminal block arrangement (100) comprising a terminal block (1) with a housing (2) and a plurality of connection terminals (3 4 5). Each connection terminal (3 4 5) comprises a terminal unit (6) for contacting a conductor (7) which can be accommodated on the connection terminal (3 4 5) and comprises an associated actuation unit (8) for actuating the terminal unit (6) in order to transfer the terminal unit (6) selectively between two positions (9 10). One of the positions is an open position (9) and one of the positions is a contact position (10). A blocking device (11) is provided. In a blocking position (13) the blocking device (11) can prevent actuation of the actuation units (8) of a plurality of connection terminal (3 4 5) in unison.

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

(22) Date of filing of Application :17/06/2015

(21) Application No.5297/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : DEVICE WITH TWO RIGID BUSBARS AND A SECTION INSULATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B60M1/18 :13002679.2 :22/05/2013 :EPO :PCT/EP2014/060104 :16/05/2014 :WO 2014/187745	2)ROTHLISBERGER, Beat
Filing Date (87) International Publication No	:16/05/2014 :WO 2014/187745	2)ROTHLISBERGER, Beat 3)CASALI, Bruno
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The section insulator for rigid busbars has a conductive skid, a ramp, and an insulating skid connected to each busbar. The conductive skid (7, 7) and the ramp (11, 11) are connected to each other at one end (10) and to the busbar at the other end, the latter ends being offset relative to one another in the longitudinal direction (3). The two busbars (1, 2) are connected to each other in a torsionally rigid manner by means of profiled insulating sections (5, 6). Insulating skids (14, 14) are attached to the profiled insulating sections opposite the respective conductive skids such that a current collector is correctly guided when moved by. An insulating distance is provided between the ends of the conductive skids (7, 7) and the ends of the closest insulating skid (14, 14).

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

(19) INDIA

(22) Date of filing of Application :19/08/2015

(21) Application No.7357/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : INFRARED FURNACE INFRARED HEATING METHOD AND STEEL PLATE MANUFACTURED BY 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 	:C21D8/02,C21D9/46,C21D1/18 :2013018878 :01/02/2013 :Japan :PCT/IB2014/058655 :30/01/2014 :WO 2014/118724	 (71)Name of Applicant : 1)AISIN TAKAOKA CO. LTD. Address of Applicant :1 Tennoh Takaoka Shin machi Toyota shi Aichi 4738501 Japan (72)Name of Inventor : 1)ISHIGURO Katsunori
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An infrared heating method for a steel plate contributing to laborsaving of the forming step of the steel plate and simplification of forming apparatus while contributing to exact realization of the demanded temperature distribution. An infrared furnace is able to heat a first region and a second region of a work in different temperature regions provided with a plurality of infrared lamps opposing the work and a member positioned between the work and the plurality of infrared lamps to be arranged on a boundary region between the first and second regions.

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

(22) Date of filing of Application :19/08/2015

(21) Application No.7358/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : INFRARED FURNACE AND METHOD FOR INFRARED HEATING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F27B17/00,F27D99/00,F27B9/06 :2013018876 :01/02/2013 :Japan :PCT/IB2014/058653	 (71)Name of Applicant : 1)AISIN TAKAOKA CO. LTD. Address of Applicant :1 Tennoh Takaoka Shin machi Toyota shi Aichi 4738501 Japan (72)Name of Inventor :
Filing Date	:30/01/2014	1)ISHIGURO Yuki
(87) International Publication No	:WO 2014/118722	2)ISHIGURO Katsunori
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA	
(62) Divisional to Application Number		
Filing Date	:NA	

(57) Abstract :

In applying infrared heating to a mass production process of car body components it is desirable that reduction in the temperature elevating time is compatible to energy saving and that an infrared furnace is simplified in structure. The infrared furnace includes a plurality of infrared lamps arrayed on one surface side of a work and a reflective surface provided on its opposite surface side. Outputs of the infrared lamps are locally adjusted or intensity of the infrared rays incident on one work surface is locally adjusted by a member disposed between the infrared lamps and the one surface of the work. In this manner variations in strength may be imparted to one and the same car part.

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

(22) Date of filing of Application :19/08/2015

(21) Application No.7359/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : LOAD SHARING METHOD AND APPARATUS

(51) International classification	:H04L12/803,H04L29/12	(71)Name of Applicant :
(31) Priority Document No	:201310032141.7	1)ZTE CORPORATION
(32) Priority Date	:28/01/2013	Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial
(33) Name of priority country	:China	Park Nanshan Shenzhen Guangdong 518057 China
(86) International Application No	:PCT/CN2013/083587	(72)Name of Inventor :
Filing Date	:16/09/2013	1)WANG Feng
(87) International Publication No	:WO 2014/114097	2)CHEN Guixiang
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed in the present invention is a load sharing method the method comprising: configuring public network addresses in the form of address pools; after receiving traffic transmitted by customer premise equipment grouping the customer premise equipment according to a traffic model transmitted by the customer premise equipment allocating the public network addresses to the customer premise equipment by central processing units (CPU) and performing public network address translation on the private network addresses of the customer premise equipment wherein each address pool comprises a plurality of address blocks and each address block corresponds to one CPU; each user group comprises a plurality of user blocks and each user block corresponds to one CPU. Further disclosed in the present invention is a load sharing apparatus. By using the method and apparatus of the present invention the problem of uneven sharing of public network resources on a plurality of CPUs and loads of the customer premise equipment is solved the processing speed of the CPUs for address translation can be increased and an excellent load sharing effect can also be realized.

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

(22) Date of filing of Application :03/07/2015

(21) Application No.5873/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : INVERTER SYSTEM ENABLING SELF 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 	:H02M7/00,H02J3/40,H02M7/48 :61/749251 :04/01/2013 :U.S.A. :PCT/GB2014/050005 :02/01/2014 :WO 2014/106745	 (71)Name of Applicant : 1)ENECSYS LIMITED Address of Applicant :Harston Mill Royston Road Cambridge Cambridgeshire CB22 7GG U.K. (72)Name of Inventor : 1)MUMTAZ Asim
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

A method of configuring an installed energy harvesting device to comply with a local grid connection standard is provided. The method identifies a local grid connection standard for an energy harvesting device that has been installed in a physical installation. The method then configures the energy harvesting device to apply the identified grid connection standard. To identify the local grid connection standard the method determines a physical location for the installation of the energy harvesting device. The method then identifies the local grid connection standard based on the determined physical location.

No. of Pages : 44 No. of Claims : 29

(22) Date of filing of Application :03/07/2015

(61) Patent of Addition to Application Number

(21) Application No.5874/DELNP/2015 A

2)JUNGREIS Aaron Michael

3)GARRITY Paul

(43) Publication Date : 08/01/2016

(34) The of the invention : POWER BALANCING IN A MULTI PHASE STSTEM			
(51) International classification	:H02J3/26	(71)Name of Applicant :	
(31) Priority Document No	:61/749252	1)ENECSYS LIMITED	
(32) Priority Date	:04/01/2013	Address of Applicant :Harston Mill Royston Road Cambridge	
(33) Name of priority country	:U.S.A.	Cambridgeshire CB22 7GG U.K.	
(86) International Application No	:PCT/GB2014/050004	(72)Name of Inventor :	
Filing Date	:02/01/2014	1)CHISENGA Lesley	

:WO 2014/106744

:NA

:NA

:NA

:NA

(54) Title of the invention : POWER BALANCING IN A MULTI PHASE SYSTEM

(57) Abstract :

Filing Date

Filing Date

Some embodiments of the invention provide a method for balancing the power output to each phase of a set of micro inverters. The method of some embodiments is performed by a gateway which receives output messages from a plurality of micro inverters. The gateway identifies the phase of each micro inverter and calculates the output of the plurality of micro inverters to each power line of a multi phase system. The gateway then sends control signals to the micro inverters to control the output of each micro inverter to maintain a balanced aggregate power output to each phase of the power grid.

No. of Pages : 56 No. of Claims : 23

(87) International Publication No

(62) Divisional to Application Number

(22) Date of filing of Application :03/07/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : FILM COMPRISING A CONTACT LAYER FOR THE WALL OF A SINGLE USE POUCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No (37) International Application No (37) PCT/EP2014/050958 (38) Filing Date (37) International Publication No (37) International Publication Number (38) Filing Date (39) Patent of Addition to Application Number (30) Patent of Addition to Application Number (31) Priority Date (32) Priority Date (33) Name of priority country (34) PCT/EP2014/050958 (35) Filing Date (36) Patent of Addition to Application Number (37) PCT/EP2014/111549 (37) PCT/EP2014/111549 (37) PCT/EP2014/111549 (38) PCT/EP2014/111549 (39) PCT/EP2014/050958 (30) PCT/EP2014/111549 (31) PCT/EP2014/111549 (31) PCT/EP2014/050958 (32) PCT/EP2014/111549 (31) PCT/EP2014/111549 (32) PCT/EP2014/050958 (32) PCT/EP2014/111549 (33) PCT/EP2014/050958 (34) PCT/EP2014/050958 (35) PCT/EP2014/111549 (36) PCT/EP2014/050958 (37) PCT/EP2014/050958 (38) PCT/EP2014/050958 (39) PCT/EP2014/050958 (31) PCT/EP2014/050958 (31) PCT/EP2014/050958 (32) PCT/EP2014/050958 (31) PCT/EP2014/050958 (32) PCT/EP2014/050958 (31) PCT/EP2014/050958 (32) PCT/EP2014/050958 (31) PCT/EP2014/050958 (32) PCT/EP2014/050958 (32) PCT/EP2014/050958 (33) PCT/EP2014/050958 (34) PCT/EP2014/050958 (35) PCT/EP2014/050958 (36) PCT/EP2014/050958 (37) PCT/EP2014/050958 (38) PCT/EP2014/050958 (39) PCT/EP2014/050958 (39) PCT/EP2014/050958 (31) PCT/EP2014/050958 (31) PCT/EP2014/050958 (31) PCT/EP2014/050958	aluds F 13400
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(57) Abstract :

The present invention relates to a film for manufacturing a pouch said film comprising a contact layer comprising (A) a copolymer of ethylene and a olefin having a density in the range of 0.870 g/cm to 0.910 g/cm alone or in mixture with (B) a polyolefin having a density in the range of 0.870 g/cm to 0.910 g/cm alone or in mixture with (B) a polyolefin having a density in the range of 0.910 g/cm to 0.940 g/cm said contact layer comprising less than 0.10 wt % preferably less than 0.07 wt % of additives able to release a degradation compound further to gamma irradiation in the range of 25 kGy 50 kGy that can slow down or delay cellular growth. The invention also relates to the process for manufacturing such a film as well the single use pouch manufactured from that film.

No. of Pages : 19 No. of Claims : 13

(22) Date of filing of Application :03/07/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MULTILAYER FILM COMPRISING A CORE LAYER AND AN OUTER LAYER FOR THE WALL OF A SINGLE USE POUCH

(51) International classification	:B32B27/32,B32B27/30	(71)Name of Applicant :
(31) Priority Document No	:13305070.8	1)SARTORIUS STEDIM FMT SAS
(32) Priority Date	:18/01/2013	Address of Applicant : Avenue de Jouques ZI des Paluds F 13400
(33) Name of priority country	:EPO	Aubagne France
(86) International Application No	:PCT/EP2014/050962	(72)Name of Inventor :
Filing Date	:17/01/2014	1)BARBAROUX Magali
(87) International Publication No	:WO 2014/111551	2)DELAUNAY Lucie
(61) Patent of Addition to Application Number	:NA	3)HUSEMANN Ute
Filing Date	:NA	4)GRELLER Gerhard
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a multilayer film for manufacturing a pouch said multilayer film comprising: a core layer and an outer layer wherein: the outer layer and the core layer are made integral with a tie layer the core layer comprises (C) an ethylene vinyl alcohol copolymer having a content of ethylene in the range of 25 to 48 mol % alone or in mixture with (D) an ionomer acid ethylene copolymer the outer layer comprises (E) a polyolefin having a density in the range of 0.910 g/cm to 0.940 g/cm or (F) a copolymer of ethylene and a olefin having a density in the range of 0.870 g/cm to 0.910 g/cm or a mixture thereof the tie layer comprises (G) a copolymer of polyolefin grafted with a carboxylic acid or an anhydride of carboxylic acid alone or in mixture with (H) a copolymer of polyolefin. The invention also relates to the process for manufacturing such a film as well the single use pouch manufactured from that film.

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

(22) Date of filing of Application :19/08/2015

(21) Application No.7370/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : NETWORK RESOURCE MATCHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:21/04/2014 :WO 2014/173264 :NA :NA	 (71)Name of Applicant : 1)HANGZHOU H3C TECHNOLOGIES CO. LTD. Address of Applicant :466 Changhe Road Binjiang District Hangzhou Zhejiang 310052 China (72)Name of Inventor : 1)LIU Hao 2)ZHANG Yumei 3)CHENG Lihao

(57) Abstract :

According to an example a service request may be received. A service template providing a service may be found according to type of the service in the service request. A resource zone matching the service template may be found from a resource pool. A network resource may be found from the resource zone matching the service template according to a network model role zone of a service unit in the service template. The network resource and the service unit belong to the same network model role zone and the network resource may match the service unit.

No. of Pages : 56 No. of Claims : 15

(22) Date of filing of Application :03/07/2015

(21) Application No.5865/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : NON ALCOHOLIC BEER TASTE BEVERAGE HAVING TANGY TASTE

(51) International classification	:A23L2/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUNTORY HOLDINGS LIMITED
(32) Priority Date	:NA	Address of Applicant :1 40 Dojimahama 2 chome Kita ku Osaka shi
(33) Name of priority country	:NA	Osaka 5308203 Japan
(86) International Application No	:PCT/JP2012/084062	(72)Name of Inventor :
Filing Date	:28/12/2012	1)TERANISHI Takeshi
(87) International Publication No	:WO 2014/103011	2)MOTOHASHI Itsuki
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The purpose of the present invention is to provide a non alcoholic beer taste beverage having a tangy taste. A non alcoholic beer taste beverage in which the weight ratio of polyphenols with respect to the total extract content falls within a specific range is provided.

No. of Pages : 30 No. of Claims : 26

(22) Date of filing of Application :03/07/2015

(21) Application No.5866/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR ROLE SWITCHING IN MULTI REALITY ENVIRONMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:26/12/2013	 (71)Name of Applicant : 1)VIPAAR LLC Address of Applicant :1500 First Avenue North Birmingham AL 35203 U.S.A. (72)Name of Inventor : 1)DILLAVOU Marcus W.
Filing Date (87) International Publication No	:26/12/2013 :WO 2014/105961	1)DILLAVOU Marcus W. 2)DEATON Drew Steven
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)MAY Matthew Benton

(57) Abstract :

Provided herein are methods and systems for role designation with multiple sources. A method for role designation can comprise rendering a common field of interest that reflects a presence of a plurality of elements wherein at least one of the elements is a remote element located remotely from another of the elements receiving a role designation and updating the common field of interest based upon the role designation.

No. of Pages : 55 No. of Claims : 20

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR PERFORMING CARBON CARBON COUPLING REACTIONS WITH CATIONIC EXCHANGE RESIN SUPPORTED PALLADIUM CATALYST

(51) International classification	:C07B37/04	(71)Name of Applicant :
(31) Priority Document No	:61/759435	1)ROHM AND HAAS COMPANY
(32) Priority Date	:01/02/2013	Address of Applicant :100 Independence Mall West Philadelphia PA
(33) Name of priority country	:U.S.A.	19106 U.S.A.
(86) International Application No	:PCT/US2014/013098	(72)Name of Inventor :
Filing Date	:27/01/2014	1)TREJO O REILLY Jose A.
(87) International Publication No	:WO 2014/120585	2)YAMAMOTO John
(61) Patent of Addition to Application Number	:NA	3)TATE James F.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for performing a carbon carbon coupling reaction including the step of combining coupling reactants in the presence of a heterogeneous catalyst to yield a coupled reaction product wherein the heterogeneous catalyst includes a palladium loaded strong acid cationic exchange resin.

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

(22) Date of filing of Application :19/08/2015

(21) Application No.7362/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : DAMPER WITH INTEGRATED ELECTRONICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16F9/32,F16F9/34,F16F9/50 :61/770426 :28/02/2013 :U.S.A. :PCT/US2014/019534 :28/02/2014 :WO 2014/134500 :NA :NA :NA	 (71)Name of Applicant : 1)TENNECO AUTOMOTIVE OPERATING COMPANY INC. Address of Applicant :500 North Field Drive Lake Forest Illinois 60045 U.S.A. (72)Name of Inventor : 1)BLANKENSHIP David R. 2)KAZMIRSKI Karl C. 3)DUNAWAY Scott S. 4)PAENHUYSEN Jeroen K. 5)ROESSLE Matthew L. 6)SCHELOSKY Matthew R.
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(57) Abstract :

A damper system for a vehicle comprises an electrically adjustable hydraulic shock absorber and a printed circuit board assembly. The printed circuit board assembly includes power drive electronics and is electrically coupled to the shock absorber. The printed circuit board assembly is disposed with the shock absorber.

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

(22) Date of filing of Application :19/08/2015

(21) Application No.7363/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : NETWORK CONFIGURATION AUTO DEPLOYMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:21/04/2014 :WO 2014/173263 :NA	 (71)Name of Applicant : 1)HANGZHOU H3C TECHNOLOGIES CO. LTD. Address of Applicant :466 Changhe Road Binjiang District Hangzhou Zhejiang 310052 China (72)Name of Inventor : 1)LIU Hao 2)ZHANG Yumei 3)CHENG Lihao
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number	:NA :NA :NA	3)CHENG Lihao
Filing Date	:NA	

(57) Abstract :

According to an example of the present disclosure a service template providing a service may be found according to type of the service. A resource zone matching the service template may be found from a resource pool. A network resource matching a service unit in the service template may be found from the resource zone. A network parameter configured for the service unit may be sent to the network resource.

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

(22) Date of filing of Application :19/08/2015

(21) Application No.7364/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : TRACKING APPLICATION USAGE IN A COMPUTING ENVIRONMENT

(51) International classification	:G06F3/048	(71)Name of Applicant :
(31) Priority Document No	:13/792399	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:11/03/2013	Address of Applicant :P.O. Box 81226 Seattle WA 98108 1226
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2014/022678	(72)Name of Inventor :
Filing Date	:10/03/2014	1)STICKLE Thomas Charles
(87) International Publication No	:WO 2014/164521	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

Disclosed are various embodiments for reporting as well as tracking usage and/or installation of an application in a machine instance in a computing environment. A machine instance can execute an application and can be associated with a storage volume on which the application is installed. The application or an installer utility associated with the application can report installation and/or usage of the application to an application usage service.

No. of Pages : 44 No. of Claims : 15

(22) Date of filing of Application :19/08/2015

(21) Application No.7365/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : POLYNUCLEOTIDE BARCODE GENERATION

(51) International classification	:C40B50/06,C40B20/00	(71)Name of Applicant :
(31) Priority Document No	:61/762435	1)10X GENOMICS INC.
(32) Priority Date	:08/02/2013	Address of Applicant :7068 Koll Center Parkway Suite 401
(33) Name of priority country	:U.S.A.	Pleasanton CA 94566 U.S.A.
(86) International Application No	:PCT/US2014/015427	(72)Name of Inventor :
Filing Date	:07/02/2014	1)HINDSON Benjamin
(87) International Publication No	:WO 2014/124338	2)JAROSZ Mirna
(61) Patent of Addition to Application Number	:NA	3)HARDENBOL Paul
Filing Date	:NA	4)SCHNALL LEVIN Michael
(62) Divisional to Application Number	:NA	5)NESS Kevin
Filing Date	:NA	6)SAXONOV Serge

(57) Abstract :

The present disclosure provides compositions methods systems and devices for polynucleotide processing. Such polynucleotide processing may be useful for a variety of applications including polynucleotide sequencing. In some cases this disclosure provides methods for the generation of polynucleotide barcode libraries and for the attachment of such polynucleotides to target polynucleotides.

No. of Pages : 132 No. of Claims : 72

(22) Date of filing of Application :04/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : TRIETHYLENE TETRAMMONIUM LACTATE IONIC LIQUID AS CARBON DIOXIDE ABSORBER, METHOD OF ITS SYNTHESIS, COMPOSITIONS AND USE THEREOF •

(87) International Publication No : NA (61) Patent of Addition to Application Number : NA Filing Date : NA (62) Divisional to Application Number : NA	(51) International classification31//(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	 Address of Applicant :Hauz Khas, New Delhi-110016, India Delhi India (72)Name of Inventor : 1)BHASKARWAR, Ashok Niwritti 2)CHAUDHARY, Amita
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(57) Abstract :

This invention describes ionic liquid [TETA][Lactate] for carbon dioxide (CO2) absorption and method of its synthesis. The invention also relates to methods for CO2 absorption in ionic liquid [TETA][Lactate]. More particularly, the invention relates to compositions of ionic liquid [TETA][Lactate] for CO2 absorption at high temperature.

No. of Pages : 38 No. of Claims : 13

(22) Date of filing of Application :17/06/2015

(21) Application No.5309/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : RACK ORIENTATION DETECTION WITH MULTIPLE TAGS

 (51) International classification (31) Priority Document No (32) Priority Date 	:61/768350 :22/02/2013	 (71)Name of Applicant : 1)BECKMAN COULTER, INC. Address of Applicant :250 S. Kraemer Boulevard, Brea ,California
(33) Name of priority country(86) International Application No Filing Date	:U.S.A. :PCT/US2014/016576 :14/02/2014	92821 U.S.A. (72)Name of Inventor : 1)JOHNS ,Charles W.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/130368 :NA :NA :NA :NA	

(57) Abstract :

A first embodiment of the invention relates to systems and methods for detecting the orientation of sample carriers using two or more RFID tags. One or two dimensional matrix of equally spaced RFID reader antennas may be positioned beneath or within an area on which racks are placed. The first RFID tag defines the origin of the sample carrier and its geometry. The second and additional RFID tags define the orientations of the sample carrier relative to the matrix of the RFID reader antennas. At least two of the tag antennas on the rack align uniquely with two antennas on the reader matrix. The system energizes each reader antenna and associates the RFID tags aligned with them to the RFID reader antenna s physical position.

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

(22) Date of filing of Application :17/06/2015

(21) Application No.5310/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR IDENTIFYING AND VISUALIZING ELEMENTS OF QUERY RESULTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F17/30 :13/689049 :29/11/2012 :U.S.A. :PCT/US2013/071233 :21/11/2013 :WO 2014/085189 :NA :NA :NA :NA	 (71)Name of Applicant : 1)LEXISNEXIS, A DIVISON OF REED ELSEVIER INC. Address of Applicant :9443 Springboro Pike, Miamisburg ,OH 45342 U.S.A. (72)Name of Inventor : 1)MILLER, Richard, D. 2)BASHAM, Christopher, Scott 3)MYERS ,Jacob, Aaron 4)SHARMA ,Sanjay
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(57) Abstract :

The systems and methods described herein generally relate to increasing user productivity in reviewing query results by visually depicting the presence/absence set of query terms in a set of paragraphs across a set of documents.

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

(22) Date of filing of Application :17/06/2015

(21) Application No.5311/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : EARTH BORING TOOL WITH IMPROVED ARRANGMENT OF CUTTER SIDE RAKES

(51) International classification	:E21B10/43	(71)Name of Applicant :
(31) Priority Document No	:61/732897	1)ULTERRA DRILLING TECHNOLOGIES, L.P.
(32) Priority Date	:03/12/2012	Address of Applicant :420 Throckmorton Street, Suite 1110, Fort
(33) Name of priority country	:U.S.A.	Worth ,TX 76102 U.S.A.
(86) International Application No	:PCT/US2013/072615	(72)Name of Inventor :
Filing Date	:02/12/2013	1)SIMMONS, Rob, A.
(87) International Publication No	:WO 2014/088946	2)DEEN ,Carl ,Aron
(61) Patent of Addition to Application Number	:NA	3)MURDOCK ,Andrew ,David
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Earth boring tools with a plurality of fixed cutters have side rake or lateral rakes configured for improving chip removal and evacuation, drilling efficiency, and/or depth of cut management as compared with conventional arrangements.

No. of Pages : 33 No. of Claims : 38

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : EXCITATION AND USE OF GUIDED SURFACE WAVE MODES ON LOSSY 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 	:13/789525 :07/03/2013 :U.S.A.	 (71)Name of Applicant : 1)CPG TECHNOLOGIES LLC. Address of Applicant :10142 Fairmount Rd Newbury OH 44065 U.S.A. (72)Name of Inventor : 1)CORUM James F. 2)CORUM Kenneth L.
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(57) Abstract :

Disclosed are various embodiments for transmitting and/or receiving energy conveyed in the form of a guided surface waveguide mode along the surface of a lossy conducting medium by exciting a polyphase waveguide probe.

No. of Pages : 89 No. of Claims : 27

(22) Date of filing of Application :19/08/2015

(21) Application No.7368/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PREDICTIVE STOR	AGE SERVICE	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F17/30 :13/776498 :25/02/2013 :U.S.A. :PCT/US2014/018416 :25/02/2014 :WO 2014/131041 :NA :NA :NA :NA	 (71)Name of Applicant : 1)AMAZON TECHNOLOGIES INC. Address of Applicant :P.O. Box 8102 Reno Nevada 89507 U.S.A. (72)Name of Inventor : 1)EISNER Noah Anthony

(57) Abstract :

A predictive storage application selectively determines files from a computing system to send to a predictive storage service that makes the files available for use in another computing system. The predictive storage application may receive events indicating a use of files. The predictive storage application may determine that a file has enough importance and send it to a predictive storage service. Other aspects of the disclosure are described in the detailed description figures and claims.

No. of Pages : 41 No. of Claims : 15

(22) Date of filing of Application :19/08/2015

(21) Application No.7369/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PREVENTING A LOOP IN A VERTICAL STACK 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 	:201310158433.5 :28/04/2013 :China	 (71)Name of Applicant : 1)HANGZHOU H3C TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Hangzhou Manufacturing Base 310 Liuhe Road Zhijiang Hi Tech Park Hangzhou Hi Tech Industry Development Zone Hangzhou Zhejiang 310053 China (72)Name of Inventor : 1)WANG Minghui 2)HU Hai
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to an example a Port Extender (PE) device is bundled with a Core Backbone (CB) device to prevent a loop in a vertical stack network including the PE device and the CD device.

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

(22) Date of filing of Application :04/07/2014

(21) Application No.1820/DEL/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD, SYSTEM AND MOBILE CLIENT FOR TRANSFERRING DATA FILES BETWEEN MOBILE COMMUNICATION DEVICES

(51) International classification	:H04L9/14,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Imran Amirali Ladiwala
(32) Priority Date	:NA	Address of Applicant :K-1006, 10th Floor, Sispal Vihar, Sohna Road,
(33) Name of priority country	:NA	Sector 49, Gurgaon, Haryana, India Haryana India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Imran Amirali Ladiwala
(87) 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 transferring at least one data file from a source device to at least one destination device via a file transfer system is disclosed. The method comprises the steps of identifying, at the source device, at least one data file to be transferred as per the user requirements and generating, at the source device, a unique parameter comprising an unique identification component having a unique number and a data component having a copy of the selected at least one data file. The method further comprises of uploading the unique parameter to the file transfer system and selecting, at the source device, a transmission distance indicating a coverage radius for identifying at least one destination device located within the selected transmission distance. Based on selecting, the method further comprises of identifying at least one destination device for transmitting the data file and uploading the information relating to identified destination device at the file transfer system such that the unique parameter having the unique number and selected at least one data files are updated with the information relating to identified destination devices via the file transfer system. Figure 6

No. of Pages : 50 No. of Claims : 33

(22) Date of filing of Application :03/07/2015

(21) Application No.5877/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : MODULAR TANKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B65D90/02,B65D90/04,E03B11/00 :2012905471 :12/12/2012 :Australia :PCT/AU2013/001455 :12/12/2013	 1)GREENCO WATER PTY LTD Address of Applicant :Level 10 600 St Kilda Road Melbourne Victoria 3004 Australia (72)Name of Inventor : 1)BLAIR Nigel
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/089626 :NA :NA :NA :NA	2)MCMAHON Simon

(57) Abstract :

A modular tank comprises one or more wall modules coupled together and one or more liner bags supported by the one or more wall modules wall modules for the containment of liquid in particular water. The wall modules can be planar or curved and the edges of the wall modules are coupled together via joining members. The modular tank comprises one or more layers of the wall modules. One or more of the wall modules comprise a hole and the one or more liner bags which can be coupled together comprise one or more ports that protrude through the holes in the wall modules to support the liner bags.

No. of Pages : 39 No. of Claims : 28

(22) Date of filing of Application :30/08/2012

(21) Application No.7559/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : AGITATOR RELEASE FOR A FOOD MIXER

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:12/660,707	1)VITAMIX CORPORATION
(32) Priority Date	:04/03/2010	Address of Applicant :8615 Usher Road Cleveland Ohio 44138
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/000311	(72)Name of Inventor :
Filing Date	:22/02/2011	1)EUGENE J. KOZLOWSKI
(87) International Publication No	:WO/2011/109066	2)DAVID J. KOLAR
(61) Patent of Addition to Application Number	:NA	3)GLENN F. BRASDOVICH
Filing Date	:NA	4)KENNETH W. BAIR
(62) Divisional to Application Number	:NA	5)RICHARD D. BOOZER
Filing Date	:NA	6)ROBERT M. ULANSKI

(57) Abstract :

A machine (10) for mixing food products includes a motor (22) which turns a hollow shaft assembly (28) that carries an agitator (40). The agitator (40) has an I-beam shaped stem (41) with a blade (43) in the shape of the bowl of a spoon on one end of the stem (41). A socket (44) is formed at the other end of the stem (41) and has a bottom surface (45). An assembly (70) for releasing the agitator (40) from the shaft assembly (28) includes a solenoid (71) which pivots an arm (74) that engages a plunger (80). The plunger (80) includes a pin (81) which is received in the hollow shaft assembly (28) and which engages the bottom surface (45) of the socket (44) of the agitator (40) upon activation of the solenoid (71) to release the agitator (40) from the hollow shaft assembly (28).

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

(22) Date of filing of Application :30/08/2012

(21) Application No.7560/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : WIRELESS CONTROL DEVICE

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:1006459.0	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:19/04/2010	Address of Applicant :Wittelsbacherplatz 2 80333 Munchen
(33) Name of priority country	:U.K.	Germany
(86) International Application No	:PCT/GB2011/050712	(72)Name of Inventor :
Filing Date	:11/04/2011	1)PAUL BEASLEY
(87) International Publication No	:WO/2011/131962	2)OLIVER HEID
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wireless control device (1) comprises an antenna (5) and a power harvester (2) to generate power for the device from a radio frequency signal (7) incident on the antenna. The device further comprises an upconverter stage; the upconverter stage comprising a first port (21) to receive a control signal (13) to be upconverted and a second port (34) to receive the incident radio frequency signal (7) and to output the upconverted control signal at upper and lower sideband frequencies (8). The antenna is coupled to the second port.

No. of Pages : 21 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MINIATURIZED DUAL DRIVE OPEN ARCHITECTURE SUTURE ANCHOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61B17/04,A61B17/86,A61F2/08 :13/838942 :15/03/2013 :U.S.A. :PCT/US2014/022539	 (71)Name of Applicant : 1)SMITH & NEPHEW INC. Address of Applicant :150 Minuteman Road Andover Massachusetts 01810 U.S.A. (72)Name of Inventor :
Filing Date	:10/03/2014	1)HOUSMAN Mark Edwin
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:WO 2014/150194 ⁿ :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The disclosure provides examples of an open architecture anchor (100) for securing soft tissue to bone for example to repair a torn rotor cuff. The anchor includes at least one open helical coil (105) defining a polygonal internal volume (110) and at least one rib (120) disposed within the polygonal internal volume and connected to at least two turns of the at least one open helical coil. The at least one rib is sized to engage a driver (300) and a combination of the at least one rib and the polygonal internal volume is sized to provide an anchor drive torque required to drive the anchor into bone.

No. of Pages : 20 No. of Claims : 6

(22) Date of filing of Application :18/08/2015

(21) Application No.7299/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : CELLULOSE CONTAINING PAINT 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 	:C09D7/00 :10 2013 004 554.1 :15/03/2013 :Germany :PCT/EP2014/000557 :05/03/2014 :WO 2014/139644 :NA :NA	 (71)Name of Applicant : 1)CLARIANT INTERNATIONAL LTD Address of Applicant :Rothausstrasse 61 4132 Muttenz Switzerland (72)Name of Inventor : 1)NIEDERLEITNER Tobias 2)HERRLICH Timo 3)BR-HMER Manuel 4)G-RES Stefanie
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention relates to a paint system containing a) chemically unmodified cellulose and b) optionally polyolefin waxes and/or Fischer Tropsch waxes and/or amide waxes and/or biologically based waxes and c) film formers and d) optionally solvents or water and e) optionally pigments and f) optionally volatile and/or nonvolatile additives wherein the chemically unmodified cellulose has a mean fibre length between 7 μ m and 100 μ m and a mean aspect ratio of less than 5.

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

(22) Date of filing of Application :30/08/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : CIRCUIT ARRANGEMENT FOR A DATA PROCESSING SYSTEM AND METHOD FOR DATA PROCESSING

		(71)Name of Applicant :
		1)ROBERT BOSCH GmbH
		Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
		(72)Name of Inventor :
(51) International classification	:H04N	1)BOEHL Eberhard
(31) Priority Document No	:10158595.8	2)BARTHOLOMAE Ruben
(32) Priority Date	:31/03/2010	3)KNAUSS Matthias
(33) Name of priority country	:EPO	4)SCHMITT Stephen
(86) International Application No	:PCT/EP2011/054109	5)WAGNER Thomas
Filing Date	:18/03/2011	6)HEMPEL Andreas
(87) International Publication No	:WO/2011/120823	7)THOSS Dieter
(61) Patent of Addition to Application Number	:NA	8)MADER Bernhard
Filing Date	:NA	9)SCHAEFER Achim
(62) Divisional to Application Number	:NA	10)HANISCH Juergen
Filing Date	:NA	11)SCHEURER Uwe
		12)MERKER Andreas
		13)KURRER Rolf
		14)BECKER Bernd
		15)PAWLOK Bernard

(57) Abstract :

The invention relates to a circuit arrangement for a data processing system for processing data in multiple modules whereas the circuit arrangement is configured to provide a clock as well as a time base and/or a base of at least one further physical quantity for each of the multiple modules. Furthermore the circuit arrangement comprises a central routing unit (ARU) which is connected to several of the multiple modules. Via the central routing unit (ARU) the modules can periodically exchange data based on the time base and/or on the base of the at least one further physical quantity. The several modules are configured to process data independently and in parallel to other modules of the several modules.

No. of Pages : 395 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :30/08/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROSTHESIS FOR SPINAL COLUMN INSTRUMENT FOR ITS GUIDING AND METHOD FOR IMPLANTATION THEREOF

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:P-390601	1)LfC Sp³lka z.o.o.
(32) Priority Date	:03/03/2010	Address of Applicant :ul. Kozuchowska 41 65-364 Zielona G ³ ra
(33) Name of priority country	:Poland	Poland
(86) International Application No	:PCT/PL2011/000013	(72)Name of Inventor :
Filing Date	:11/02/2011	1)CIUPIK Lechoslaw Franciszek
(87) International Publication No	:WO/2011/108950	2)POWCHOWICZ Pawel
(61) Patent of Addition to Application Number	:NA	3)ASHKENAZI Ely
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The application relates to a prosthesis of the anterior spinal column, which consists of a perforated sleeve body provided with at least one anchoring element, teeth and overgrowth holes and a positioner (2) situated within the body (1). The body has got in its wall at least one through manipulative hole (6) and at least one through positioning hole (7) cooperating with it, whose longitudinal axes are parallel with each other, whereas the positioner is provided with at least one situating element (8) cooperating with at least one positioning hole of the body and at least one hole (12), where the length of the manipulative hole of the body corresponds to the distance between extreme locations of the positioners hole situated within the inside diameter of the manipulative hole. At least one end face (3) of the body or/and bodys wall are provided with at least one pair of opposite guidelines (14). For introducing the prosthesis into the intervertebral space a guiding instrument is used in the form of a rod ended from one side with a holder and from the other side with a shaped working element. The application relates also to the method of implantation of the prosthesis with the use of the prosthesis guiding instrument.

No. of Pages : 39 No. of Claims : 33

(22) Date of filing of Application :19/08/2015

(21) Application No.7327/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : BASE PAPER FOR DECORATIVE COATING MATERIALS

(57) Abstract :

The invention relates to a base paper for decorative coating materials having a raw paper that is not internally sized comprising a surface application on the raw paper which surface application contains an alkaline earth salt and is substantially free of a polymeric binder; the base paper can be printed on by means of ink jet methods and can be impregnated with a thermally curable impregnating resin.

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

(22) Date of filing of Application :19/08/2015

(21) Application No.7328/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : VIEWING TROCAR WITH INTERGRATED PRISM FOR USE WITH ANGLED ENDOSCOPE

(51) International classification	:A61M25/02	(71)Name of Applicant :
(31) Priority Document No	:61/791935	1)OLIVE MEDICAL CORPORATION
(32) Priority Date	:15/03/2013	Address of Applicant :2302 South Presidents Drive Suite D Salt Lake
(33) Name of priority country	:U.S.A.	City UT 84120 U.S.A.
(86) International Application No	:PCT/US2014/029642	(72)Name of Inventor :
Filing Date	:14/03/2014	1)HENLEY Jeremiah D.
(87) International Publication No	:WO 2014/145008	2)TALBERT Joshua D.
(61) Patent of Addition to Application Number	:NA	3)DEAN Brian
Filing Date	:NA	4)CROLL Perry W.
(62) Divisional to Application Number	:NA	5)DENTON Marshall
Filing Date	:NA	6)BROWN J. Michael

(57) Abstract :

Endoscopic light refraction imaging techniques are described for configuring a viewing trocar and/or angled endoscope with a light refracting element such as glass and/or plastic prism for instance. The light refracting element can be utilized in and/or with the viewing trocar to refract (i.e. bend) light passing into the trocar through the trocar s window. As a result the angled endoscope s field of view can be substantially aligned with the field of view of the trocar s window thus allowing the angled endoscope and viewing trocar to be used together to create ports in a patient including initial ports of endoscopic surgical procedures.

No. of Pages : 23 No. of Claims : 26

(22) Date of filing of Application :19/08/2015

(21) Application No.7329/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : FLEXIBLE CONVEYANCE SYSTEM

(51) International classification	:B65G35/06	(71)Name of Applicant :
(31) Priority Document No	:61/781147	1)KUKA SYSTEMS CORPORATION NORTH AMERICA
(32) Priority Date	:14/03/2013	Address of Applicant :6600 Center Drive Sterling Heights MI 48312
(33) Name of priority country	:U.S.A.	2666 U.S.A.
(86) International Application No	:PCT/US2014/028819	(72)Name of Inventor :
Filing Date	:14/03/2014	1)LAURENCE Kevin J.
(87) International Publication No	:WO 2014/153045	2)LAROSE Michael P.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A conveyance system includes a plurality of feed forward track segments aligned end to end each having an upwardly facing channel and at least one carrier drive member disposed in the channel. At least one carrier is supported for movement along the feed forward track segments. Each carrier includes at least one drive engagement member that cooperates with the at least one carrier drive member to move the carrier along the respective feed forward track segments. The conveyance system may further include a plurality of return track segments spaced from the plurality of feed forward track segments.

No. of Pages : 57 No. of Claims : 16

(22) Date of filing of Application :19/08/2015

(21) Application No.7330/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SILICONE CONTAINING CONTACT LENS HAVING REDUCED AMOUNT OF SILICON ON THE SURFACE

 (71)Name of Applicant : JJOHNSON & JOHNSON VISION CARE INC. Address of Applicant :7500 Centurion Parkway Jacksonville Florida 32256 U.S.A. (72)Name of Inventor : MAHADEVAN Shivkumar VANDERLAAN Douglas G. SCALES Charles W. PATTON Jaqunda VENKATASUBBAN Kumisi
4)PATTON Jaqunda 5)VENKATASUBBAN Kunisi
4

(57) Abstract :

The present invention relates to a method of reducing the amount of silicon on a surface of a contact lens wherein the method includes reacting the surface of a contact lens containing at least one silicone component with a fluoride reagent.

No. of Pages : 49 No. of Claims : 18

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

(21) Application No.7622/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : BATTERY GRIDS AND METHODS FOR MANUFACTURING SAME

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/310,023	1)JOHNSON CONTROLS TECHNOLOGY COMPANY
(32) Priority Date	:03/03/2010	Address of Applicant :912 E 32nd Street Holland MI 49423 United
(33) Name of priority country	:U.S.A.	States of America U.S.A.
(86) International Application No	:PCT/US2011/026836	(72)Name of Inventor :
Filing Date	:02/03/2011	1)RICHARD R BINDER
(87) International Publication No	:WO/2011/109493	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A grid for a battery is disclosed. The battery grid includes an electrically conductive grid body having opposed top and bottom frame elements. At least one of the frame elements has a cross section with coined edges. The battery grid also includes a plurality of interconnecting electrically conductive grid elements spanning between the opposed top and bottom frame elements defining a grid pattern. Methods of forming a battery grid are also disclosed.

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

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : PHARMACEUTICALLY ACTIVE DISUBSTITUTED TRIAZINE DERIVATIVES

		(71)Name of Applicant :
(51) International classification	:A61K	1)LEAD DISCOVERY CENTER GMBH
(31) Priority Document No	:10075131.2	Address of Applicant :Emil-Figge-Str. 76a 44227 Dortmund
(32) Priority Date	:22/03/2010	Germany
(33) Name of priority country	:EPO	2)BAYER INTELLECTUAL PROPERTY GMBH
(86) International Application No	:PCT/EP2011/001445	(72)Name of Inventor :
Filing Date	:02/03/2011	1)JAN EICKHOFF
(87) International Publication No	:WO/2011/116951	2)PETER NUSSBAUMER
(61) Patent of Addition to Application Number	:NA	3)GERD RUHTER
Filing Date	:NA	4)CARSTEN SCHULTZ-FADEMRECHT
(62) Divisional to Application Number	:NA	5)ULRICH LUCKING
Filing Date	:NA	6)AXEL CHOIDAS
		7)BERT KLEBL

(57) Abstract :

The present invention relates to disubstituted triazine derivatives and/or pharmaceutically acceptable salts thereof, the use of these derivatives as pharmaceutically active agents, especially for the prophylaxis and/or treatment of infectious diseases, including opportunistic diseases, immunological diseases, autoimmune diseases, cardiovascular diseases, cell proliferative diseases, inflammation, erectile dysfunction and stroke, and pharmaceutical compositions containing at least one of said disubstituted triazine derivatives and/or pharmaceutically acceptable salts thereof. Furthermore, the present invention relates to the use of said disubstituted triazine derivatives as inhibitors for a protein kinase. formula (I) wherein R1 is formula (II), formula (II) or formula (IV).

No. of Pages : 104 No. of Claims : 12

(22) Date of filing of Application :07/05/2015

(21) Application No.3896/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : LONG RANGE SMALL TARGET RANGEFINDING

(51) International classification	:G01S7/481,G01S17/08,G01S17/66	(71)Name of Applicant :
(31) Priority Document No	:FR1202785	1)THALES
(32) Priority Date	:18/10/2012	Address of Applicant : Tour Carpe Diem Place des Corolles Esplanade
(33) Name of priority country	:France	Nord F 92400 Courbevoie France
(86) International Application No	:PCT/EP2013/071895	(72)Name of Inventor :
Filing Date	:18/10/2013	1)ROUSSEAU Pascal
(87) International Publication No	:WO 2014/060599	
(61) Patent of Addition to	NT 4	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	NT 4	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a device for measuring a distance of a target by means of a rangefinder (1) comprising: a laser pulse transmitter (2) a receiver (3) for the laser echoes (31) backscattered by the target comprising a spatial detection device (10) that comprises at least one photodiode mounted as an integrator and that is capable of providing a so called spatial signal and a time detection device (11) that comprises at least one photodiode coupled to a transimpedance circuit and that is capable of providing a so called time signal means (4) for processing the spatial signal and the time signal comprising a unit (17) for calculating the distance of the target the time signal being in the form of a data frame that is the recording of data detected during a predefined time period characterised in that the processing means (4) comprise: post integration means (16) for the post integration of time signals linked at the output to the unit for calculating the distance of the target means (14) for selecting the time signals to be transmitted to the post integration means on the basis of the spatial signal linked to the spatial detection device (10) and to the time detection device (11).

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

(22) Date of filing of Application :19/08/2015

(21) Application No.7338/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : GPR120 AGONISTS FOR THE TREATMENT OF TYPE II 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 Filing Date (62) Divisional to Application 	:NA :NA	 (71)Name of Applicant : 1)JANSSEN PHARMACEUTICA NV Address of Applicant :Turnhoutseweg 30 B 2340 Beerse Belgium (72)Name of Inventor : 1)SUI Zhihua 2)CAI Chaozhong 3)ZHANG Xuqing
No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:07/03/2014 b :WO 2014/159054 :NA	2)CAI Chaozhong

(57) Abstract :

Disclosed are compounds compositions and methods for treating of disorders that are affected by the modulation of the GPR120 receptor. Such compounds are represented by Formula (I) and Formula (II) as follows: Formula (I) wherein Y R G and Q are defined herein; and Formula (II) wherein R R R R and G are defined herein.

No. of Pages : 359 No. of Claims : 40

(22) Date of filing of Application :19/08/2015

(21) Application No.7339/DELNP/2015 A

(43) Publication Date : 08/01/2016

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

(51) International algorithmation	A (11 15/42	(71)Nome of Applicants
(51) International classification	:A61L15/42	(71)Name of Applicant :
(31) Priority Document No	:61/800040	1)SMITH & NEPHEW PLC
(32) Priority Date	:15/03/2013	Address of Applicant :15 Adam Street London WC2N 6LA U.K.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/GB2014/050781	1)COLLINSON Sarah Jenny
Filing Date	:14/03/2014	2)HARTWELL Edward Yerbury
(87) International Publication No	:WO 2014/140606	3)PHILLIPS Marcus Damian
(61) Patent of Addition to Application Number	:NA	4)FRY Nicholas Charlton
Filing Date	:NA	5)GOWANS Philip
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments disclosed herein are directed to negative pressure treatment systems and wound dressing systems apparatuses and methods that may be used for the treatment of wounds. In particular some embodiments are directed to improved wound dressings comprising a bridge portion connecting two or more portions of an absorbent layer that facilitates trimming of the wound dressing to suitable sizes. Some embodiments provide for trimming the dressing in a gap between two or more portions of an absorbent layer and sealing the exposed portion of dressing after trimming when the dressing is applied to skin surrounding a wound.

No. of Pages : 159 No. of Claims : 116

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

(21) Application No.7636/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : GPU SUPPORT FOR GARBAGE COLLECTION

	COLE	
(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:12/715,835	1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:02/03/2010	Address of Applicant :One AMD Place P.O. Box 3453 Sunnyvale
(33) Name of priority country	:U.S.A.	California 94088 U.S.A.
(86) International Application No	:PCT/US2011/025779	(72)Name of Inventor :
Filing Date	:22/02/2011	1)CASPOLE Eric R.
(87) International Publication No	:WO/2011/109191	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for efficient garbage collection. A general-purpose central processing unit (CPU) partitions an allocated heap according to a generational garbage collection technique. The generations are partitioned into fixed size cards. The CPU marks indications of qualified dirty cards during application execution since the last garbage collection. When the CPU detects a next garbage collection start condition is satisfied the CPU sends a notification to a special processing unit (SPU) corresponding to a determination of one or more card root addresses each card root address corresponding to one of said marked indications. The SPU has a single instruction multiple data (SIMD) parallel architecture and may be a graphics processing unit (GPU). The SPU may utilize the parallel architecture of its SIMD core to simultaneously compute multiple card root addresses. Following the SPU sends these addresses to the CPU to be used in a garbage collection algorithm.

No. of Pages : 35 No. of Claims : 20

(22) Date of filing of Application :30/08/2012

(21) Application No.7585/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : CDC7 KINASE INHIBITORS AND USES THEREOF

(51) International classification	:A61K31/122,A61P35/00	(71)Name of Applicant :
(31) Priority Document No	:61/311741	1)SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH
(32) Priority Date	:08/03/2010	Address of Applicant : Office Of Industrial Affairs 1275 York Avenue
(33) Name of priority country	:U.S.A.	New York NY 10065 U.S.A.
(86) International Application No	:PCT/US2011/027619	(72)Name of Inventor :
Filing Date	:08/03/2011	1)FRATTINI Mark G.
(87) International Publication No	:WO 2011/112635	2)DJABALLAH Hakim
(61) Patent of Addition to Application Number	:NA	3)KELLY Thomas J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides compounds methods pharmaceutical compositions and kits for the treatment of proliferative disorders such as cancer. In one aspect the methods comprise compounds that inhibit the activity of protein kinases such as cell division cycle (Cdc) kinase. In another aspect the methods comprise compounds that inhibit Cdc7 and/or Dbf4 activity. In another aspect the methods comprise compounds that exhibit anti proliferative properties useful in treating diseases such as cancer. Compounds useful for any of the methods include compounds of the Formula (A) or (B) or pharmaceutically acceptable salts thereof. Exemplary compounds of Formula (A) or (B) include granaticin A granaticin B dihydrogranaticin A dihydrogranaticin B medermycin and actinorhodin.

No. of Pages : 125 No. of Claims : 21

(22) Date of filing of Application :30/08/2012

(21) Application No.7586/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : FRICTION REDUCING ADDITIVE

(51) International classification	:B60P	(71)Name of Applicant :
(31) Priority Document No	:1003579.8	1)CRODA INTERNATIONAL PLC
(32) Priority Date	:04/03/2010	Address of Applicant :Cowick Hall Snaith Goole East Yorkshire
(33) Name of priority country	:U.K.	DN14 9AA United Kingdom U.K.
(86) International Application No	:PCT/GB2011/000287	(72)Name of Inventor :
Filing Date	:03/03/2011	1)LEE THOMPSON
(87) International Publication No	:WO/2011/107739	2)STEVEN JAMES RANDLES
(61) Patent of Addition to Application Number	:NA	3)STEPHEN BOYDE
Filing Date	:NA	4)JOHN GAMWELL
(62) Divisional to Application Number	:NA	5)NICOLA READMAN
Filing Date	:NA	

(57) Abstract :

An automotive engine oil and/or fuel comprising a base stock and an organic polymeric friction reducing additive is claimed. A method of reducing friction in an automotive engine oil and/or fuel by the addition of the organic polymeric friction reducing additive to the base stock is also claimed.

No. of Pages : 25 No. of Claims : 17

(22) Date of filing of Application :30/08/2012

(21) Application No.7587/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : ADIPIC ACID COMPOSITION

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	C07C 61/311,190 05/03/2010 U.S.A. PCT/US2010/060147 13/12/2010 WO/2011/109051 NA NA NA	 (71)Name of Applicant : 1)RENNOVIA INC` Address of Applicant :1080 Hamilton Avenue Menlo Park California 94025 USA U.S.A. (72)Name of Inventor : 1)THOMAS R BOUSSIE 2)ERIC L DIAS 3)ZACHARY M FRESCO 4)VINCENT J MURPHY 5)JAMES SHOEMAKER 6)RAYMOND ARCHER 7)HONG JIANG
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(57) Abstract :

Disclosed are compositions of matter comprising an adipic acid product of formula (1) wherein R is independently a salt-forming ion, hydrogen, hydrocarbyl, or substituted hydrocarbyl, and at least one constituent selected from the group consisting of formula (2) wherein R is as defined above and each of R1 is, independently, H, OH, acyloxy or substituted acyloxy provided, however, that at least one of R1 is OH, and formula (3) wherein R is as above defined and R1 is OH, acyloxy or substituted acyloxy. Also disclosed are compositions of matter comprising at least about 99 wt% adipic acid and least two constituents selected from the group consisting of formula (3), above.

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

(22) Date of filing of Application :30/08/2012

(21) Application No.7588/DELNP/2012 A

(43) Publication Date : 08/01/2016

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

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:2010-048751	1)SONY CORPORATION
(32) Priority Date	:05/03/2010	Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2011/000616	(72)Name of Inventor :
Filing Date	:03/02/2011	1)KIMU HIGASHIMOTO
(87) International Publication No	:WO/2011/108190	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

An image processing device may include a control unit. The control unit may be operable, in a first mode, to control display on a display screen of a representative image of a group of images and, in a second mode, to control display on the display screen of an image of the group of images corresponding to a posture of the device. In addition, the control unit may be operable to switch between operation in the first mode and the second mode.

No. of Pages : 58 No. of Claims : 21

(22) Date of filing of Application :21/09/2012

(21) Application No.8250/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A COMPOUND OF FORMULA (I) •

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:60/565623	1)GLAXO GROUP LIMITED,
(32) Priority Date	:27/04/2004	Address of Applicant :980 GREAT WEST ROAD, BRENTFORD,
(33) Name of priority country	:U.S.A.	MIDDLESEX TW8 9GS, ENGLAND, U.K.
(86) International Application No	:PCT/US05/14386	(72)Name of Inventor :
Filing Date	:27/07/2005	1)DRAMANE IBRAHIM LAINE
(87) International Publication No	:WO 2005/104745	2)MICHAEL R. PALOVICH
(61) Patent of Addition to Application Number	:NA	3)BRENT W. MCCLELAND
Filing Date	:NA	4)CHRISTOPHER E. NEIPP
(62) Divisional to Application Number	:5413/DELNP/2006	5)SONIA M. THOMAS
Filed on	:19/09/2006	

(57) Abstract :

The present invention relates to a compound of formula (I) as indicated below (I) wherein R, R2, R3 are as hereinbefore described.

No. of Pages : 97 No. of Claims : 12

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROPYNYLAMINOINDAN TRANSDERMAL COMPOSITIONS •

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/330,018	1)TEIKOKU PHARMA USA INC.
(32) Priority Date	:30/04/2010	Address of Applicant :1718 Ringwood Avenue San Jose California
(33) Name of priority country	:U.S.A.	95131 U.S.A. U.S.A.
(86) International Application No	:PCT/US2011/029238	(72)Name of Inventor :
Filing Date	:21/03/2011	1)WEN Jianye
(87) International Publication No	:WO 2011/139420	2)HAMLIN Richard
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Propynylaminoindan (e.g. Rasagiline) transdermal compositions are provided. Aspects of the transdermal compositions include a matrix of the propynylaminoindan in a pressure sensitive adhesive comprising a carboxylated polymer. In some instances the matrix further includes a cationic acrylic copolymer. Also provided are methods of using the transdermal compositions and kits containing the transdermal compositions.

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

(19) INDIA

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS FOR THE DEHYDROCHLORINATION OF 1 1 1 3 TETRACHLOROPROPANE TO 1 1 3 TRICHLOROPEOPENE

(51) International classification	:C07C17/23,C07C21/04,B01J27/128	
(31) Priority Document No	:61/766380	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:19/02/2013	Address of Applicant :Patent Services M/S/ AB/2B 101 Columbia
(33) Name of priority country	:U.S.A.	Road P.O. Box 2245 Morristown NJ 07962 2245 U.S.A.
(86) International Application No	:PCT/US2014/016855	(72)Name of Inventor :
Filing Date	:18/02/2014	1)YANG Terris
(87) International Publication No	:WO 2014/130436	2)TUNG Hsueh Sung
(61) Patent of Addition to	.NT 4	3)JOHNSON Robert
Application Number	:NA	4)CLOSE Joshua
Filing Date	:NA	
(62) Divisional to Application	N7.4	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a method to improve 1 1 3 trichloropropene selectivity in HCC 250fb (1 1 1 3 tetrachloropropane) dehydrochlorination. In normal practice FeCl3 is used as the catalyst for the dehydrochlorination of HCC 250fb to produce 1 1 3 tri chloropropene. In this invention as source of water is added into the reaction system to inhibit the formation of high boiling compounds such as pentachlorocyclohexene and/or hexachlorocyclohexane. Once source of water is HO itself. Another source of water is one or more hydrated metal halides.

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

(19) INDIA

(22) Date of filing of Application :18/08/2015

(21) Application No.7307/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : TURBINE ENGINE TEMPERATURE CONTROL SYSTEM WITH HEATING ELEMENT FOR A GAS 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 		 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen Germany (72)Name of Inventor : 1)RODRIGUEZ Jose L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A turbine engine temperature control system configured to limit thermal gradients from being created within an outer casing surrounding a turbine airfoil assembly during shutdown of a gas turbine engine and for preheating an engine during a cold startup is disclosed. By reducing thermal gradients caused by hot air buoyancy within the mid region cavities in the outer casing arched and sway back bending of the outer casing is prevented thereby reducing the likelihood of blade tip rub and potential blade damage during a warm restart. The turbine engine temperature control system may also be used for cold startup conditions to heat engine components such that gaps between turbine airfoil tips and adjacent blade rings can be made larger from thermal expansion thereby reducing the risk of damage. The turbine engine temperature control system may operate during turning gear system operation after shutdown of the gas turbine engine or during a cold startup

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

(19) INDIA

(22) Date of filing of Application :02/11/2012

(21) Application No.9476/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : JOINT POWER CONTROL METHOD IN MULTI USER MULTIPLEXING TECHNIQUE AND APPARATUS THEREOF

(51) International classification	:H04W52/18	(71)Nome of Applicant
		(71)Name of Applicant :
(31) Priority Document No	:201010213126.9	1)ZTE CORPORATION
(32) Priority Date	:24/06/2010	Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial
(33) Name of priority country	:China	Park Nanshan Shenzhen Guangdong 518057 China
(86) International Application No	:PCT/CN2011/072471	(72)Name of Inventor :
Filing Date	:06/04/2011	1)HAO Ruijing
(87) International Publication No	:WO 2011/160481	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for joint power control in multi-user multiplexing technology are disclosed in the present invention, and the present invention relates to the communication technology field. The method of the present invention includes: according to the reference power values of the two Voice services over Adaptive Multi-user channels on One Slot (VAMOS) users, determining the initial power ratio (SCPIR) value of the two VAMOS users, and if the initial SCPIR value is out of the set SCPIR range, adjusting the reference power value of at least one VAMOS user in the two VAMOS users so that the SCPIR value of the two VAMOS users after adjustment is in the set SCPIR range, wherein the reference power value of the VAMOS user is determined according to the single user power calculation method. The technical scheme of the present invention adjusts the power ratio of two users according to the real-time communication state of the users, which optimizes the performance of the whole system.

No. of Pages : 30 No. of Claims : 13

(22) Date of filing of Application :02/11/2012

(21) Application No.9477/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SELF LOCKING MODULAR ARTICULATED FRAME

 (31) Priority Document No (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 :NA	 (71)Name of Applicant : 1)CORCOST LIMITED Address of Applicant :22 Great Close Cawood Selby North Yorkshire YO8 3UG U.K. (72)Name of Inventor : 1)CORCORAN Steven
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An articulating frame comprising parallel aligned base frame elements (2A 2B) in a first plane adjustably connected to parallel aligned upper frame elements (4A 4B) in a second plane parallel to the first plane the adjustable connection between any pair of connected base frame (2A 2B) and upper frame (4A 4B) elements comprising one or more knuckles (10A 10B 10C 10D) each knuckle being capable of a combination of rotational and linear movement and operable independently of the others to provide both linear and rotational repositioning of a frame element (2A 2B; 4A 4B) relative to the other of the connected pair at the point of connection.

No. of Pages : 31 No. of Claims : 27

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHYL SUBSTITUTED BIPHENYL COMPOUNDS THEIR PRODUCTION AND THEIR USE IN THE MANUFACTURE OF PLASTICIZERS

(51) International classification	:C07C7/14,C07C13/28	(71)Name of Applicant :
(31) Priority Document No	:61/781129	1)EXXONMOBIL CHEMICAL PATENTS INC.
(32) Priority Date	:14/03/2013	Address of Applicant :5200 Bayway Drive Baytown TX 77520 5200
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2014/021964	(72)Name of Inventor :
Filing Date	:07/03/2014	1)DAKKA Jihad M.
(87) International Publication No	:WO 2014/159104	2)DECAUL Lorenzo C.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a process for producing methyl substituted biphenyl compounds a feed comprising at least one aromatic hydrocarbon selected from the group consisting of toluene xylene and mixtures thereof is contacted with hydrogen in the presence of a hydroalkylation catalyst under conditions effective to produce a hydroalkylation reaction product comprising (methylcyclohexyl)toluenes and/or (dimethylcyclohexyl)xylenes. At least part of the hydroalkylation reaction product is then dehydrogenated in the presence of a dehydrogenation catalyst under conditions effective to produce a dehydrogenation reaction product comprising a mixture of methyl substituted biphenyl compounds.

No. of Pages : 28 No. of Claims : 25

(21) Application No.7309/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : TIRE HAVING A SPLIT BODY PLY CONSTRUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:15/03/2013 :U.S.A. :PCT/US2014/015087 :06/02/2014 :WO 2014/149214 ¹ :NA :NA	 (71)Name of Applicant : 1)BRIDGESTONE AMERICAS TIRE OPERATIONS LLC Address of Applicant :535 Marriott Drive Nashville Tennessee 37214 U.S.A. (72)Name of Inventor : 1)MARELLA Anthony 2)WALTERS Jacob 3)CLEMMER Kathleen 4)STUCKEY Jon 5)WEATHERWAX Kent 6)WRIGHT Richard 7)COPELAND Shawn 8)GEHRES Justin 9)SALEHI Makameh 10)NORWOOD John
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(57) Abstract :

Various embodiments of a tire having a split body ply construction are disclosed.

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

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CHLOROPHYLL DEFICIENT ALGAL CELL WITH IMPROVED GROWTH AND PRODUCTION

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:61/800029	1)AURORA ALGAE INC.
(32) Priority Date	:15/03/2013	Address of Applicant :3325 Investment Boulevard Hayward
(33) Name of priority country	:U.S.A.	California 94545 U.S.A.
(86) International Application No	:PCT/US2014/031127	(72)Name of Inventor :
Filing Date	:18/03/2014	1)VICK Bertrand
(87) International Publication No	:WO 2014/146133	2)TAM Yuen Yee
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Chlorophyll deficient algal strains methods of making chlorophyll deficient algal strains and methods of their use are provided.

No. of Pages : 76 No. of Claims : 16

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : DUST LINE WITH OPTICAL SENSOR AND METHOD FOR MEASURING THE COMPOSITION OF DUST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N15/00,G01N21/15,G01N21/53 :10 2013 203 109.2 :26/02/2013 :Germany :PCT/EP2014/052594 :11/02/2014 :WO 2014/131611 :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 Ml/4nchen Germany (72)Name of Inventor : 1)GIGLER Alexander Michael 2)HACKSTEIN Holger 3)PASTUSIAK Remigiusz 4)WIESNER Kerstin
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(57) Abstract :

The invention relates to a dust line with an optical sensor and to a method for measuring a property of dust. The dust line according to the invention for transporting dust in an automated process comprises at least one optical sensor for monitoring the property of the dust. The optical sensor is arranged in an indentation of the dust line said indentation being equipped with at least one gas inlet nozzle for removing the dust from the optical sensor. In the method according to the invention for measuring a property of dust in a dust line dust is transported through a dust line. An optical property of the dust is measured using at least one optical sensor arranged in an indentation of the dust is then removed from the optical sensor by blowing in air using at least one gas inlet nozzle arranged in the indentation.

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

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

(21) Application No.7618/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : OPTICAL FIBRE FIXED ON SUBSTRATES •

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:10275024.7	1)BAE SYSTEMS PLC
(32) Priority Date	:02/03/2010	Address of Applicant :6 Carlton Gardens London SW1Y 5AD
(33) Name of priority country	:EPO	United Kingdom U.K.
(86) International Application No	:PCT/GB2011/050392	(72)Name of Inventor :
Filing Date	:28/02/2011	1)JAGJIT SIDHU
(87) International Publication No	:WO 2011/107779	2)HENRY JAMESON WHITE
(61) Patent of Addition to Application Number	:NA	3)NIGEL BRUCE ALDRIDGE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein is a method and apparatus for the formation of optical fibre structures. A fibre laying head (200) houses a source of optical fibre material (204) to which an adhesive coating is applied prior to laying the adhesive-coated optical fibre material onto a substrate (214). The fibre laying head (200) also houses a radiation source (212) that generates a radiation beam (216) to cure the adhesive in the adhesive-coated optical fibre material to form a bond between the adhesive-coated optical fibre material and the substrate.

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

(22) Date of filing of Application :02/11/2012

(21) Application No.9470/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : MYCOBACTERIAL ANTIGEN 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 	:A61K39/04,C12Q1/68,G01N33/569 :1008512.4 :21/05/2010 :U.K. :PCT/GB2011/050972 :23/05/2011 :WO 2011/144951 :NA :NA :NA	 (71)Name of Applicant : 1)HEALTH PROTECTION AGENCY Address of Applicant :Porton Down Salisbury Wiltshire SP4 0JG U.K. (72)Name of Inventor : 1)CARROLL Miles 2)HALL Yper 3)WILLIAMS Ann
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(57) Abstract :

There is provided an antigenic composition comprising (a) a first mycobacterial antigenic polypeptide or a first mycobacterial polynucleotide; and (b) a second mycobacterial antigenic polypeptide or a second mycobacterial polynucleotide; wherein: (i) said first mycobacterial antigenic polypeptide comprises a polypeptide sequence having at least 70% amino acid sequence identity to the amino acid sequence of SEQ ID NO: 1 or 7 or a fragment thereof having at least 7 consecutive amino acids thereof; (ii) said first mycobacterial polynucleotide comprises a polypeptide sequence encoding said first mycobacterial antigenic polypeptide; (iii) said second mycobacterial antigenic polypeptide comprises a polypeptide sequence having at least 70% amino acid sequence of SEQ ID NO: 5 or a fragment thereof having at least 7 consecutiveamino acids thereof; and (iv) said second mycobacterial polynucleotide comprises a polypeptide.

No. of Pages : 265 No. of Claims : 30

(22) Date of filing of Application :19/08/2015

(21) Application No.7325/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : TENSION ADJUSTMENT 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 	:28/01/2014	 (71)Name of Applicant : 1)GATES CORPORATION Address of Applicant :1551 Wewatta Street Denver Colorado 80202 U.S.A. (72)Name of Inventor : 1)HAO Minchun
(87) International Publication No(61) Patent of Addition to Application Number	:WO 2014/121719 :NA	2)FU Hongliang 3)ZHOU Huabin
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

Disclosed is a tension adjustment device (100) for transmission equipment. The tension adjustment device (100) comprises: a swing arm (10) the swing arm (10) being rotatably fixed via a fixing assembly (60); and a tensioning assembly (20) the tensioning assembly (20) being rotatably fixed to the swing arm (10) wherein the swing arm (10) is provided with a swing arm shaft (11) a hole (12) is formed in the swing arm shaft (11) the fixing assembly (60) is assembled in the hole (12) a bearing assembly (62) is arranged between the fixing assembly (60) and the hole (12) a first sealing cover (63) is arranged at one end portion of the fixing assembly (60) an electro static discharge member (65) is arranged between the first sealing cover (63) and the swing arm shaft(11) and the electro static discharge member (65) makes contact with the first sealing cover (63) and the swing arm shaft (11) respectively so as to form an electro static discharge path. By means of this structure the static electricity generated during the operation of the tension adjustment device (100) can be eliminated.

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

(19) INDIA

(22) Date of filing of Application :19/08/2015

(21) Application No.7326/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SEMI FINISHED MATERIAL FOR INDUCTION HARDENED COMPONENT AND METHOD FOR PRODUCING SAME

(51) International classification	:C23C8/26,C21D1/06,C21D9/32	(71)Name of Applicant :
(31) Priority Document No	:2013047013	1)NIPPON STEEL & SUMITOMO METAL CORPORATION
(32) Priority Date	:08/03/2013	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1008071 Japan
(86) International Application No	:PCT/JP2013/078201	(72)Name of Inventor :
Filing Date	:17/10/2013	1)YOSHIDA Suguru
(87) International Publication No	:WO 2014/136307	2)KOYAMA Tatsuya
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This semi finished material for an induction hardened component has a chemical composition of the base metal steel comprising by mass% 0.35 0.6% of C 0.02 2.0% of Si 0.35 1.5% of Mn 0.001 0.5% of Al 0.05 2.0% of Cr 0.0001 0.05% of S 0.003 0.0120% of N no greater than 0.03% of P and no greater than 0.0050% of O there is an iron nitrogen compound layer at the surface layer portion having a thickness in the thickness direction of 0.1 50 µm and the volume ratio of a phase that is iron nitride at the iron nitrogen compound layer is at least 80%.

No. of Pages : 67 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : AGRICULTURAL FORMULATIONS WITH ACYL MORPHOLINES AND POLAR APROTIC CO-SOLVENTS •

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:61/348,935	1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
(32) Priority Date	:27/05/2010	Address of Applicant :Stationsstraat 77 NL-3811 MH Amersfoort
(33) Name of priority country	:U.S.A.	the Netherlands Netherlands
(86) International Application No	:PCT/EP2011/058460	(72)Name of Inventor :
Filing Date	:24/05/2011	1)WESTBYE Peter
(87) International Publication No	:WO 2011/147822	
(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 formulation comprising a pesticide and/or a plant growth regulator; an acyl morpholine of the formula (I) where R is H CH3 or C2H5; and a polar aprotic co-solvent different from an acyl morpholine of formula (I). The formulation can be used in treatment of plants and is especially well suited for use as a soluble liquid formulation.

No. of Pages : 20 No. of Claims : 26

(22) Date of filing of Application :02/11/2012

(21) Application No.9494/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PRODUCTION OF JET AND OTHER HEAVY FUELS FROM ISOBUTANOL

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/333,111	1)CATALYTIC DISTILLATION TECHNOLOGIES
(32) Priority Date	:10/05/2010	Address of Applicant :10100 Bay Area Blvd. Pasadena TX 77507
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/035919	(72)Name of Inventor :
Filing Date	:10/05/2011	1)CROSS William M. Jr.
(87) International Publication No	:WO 2011/143215	2)PODREBARAC Gary G.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

A process for the production of jet and other heavy fuels the process including: contacting at least one C3 to C5 isoalkanol with a first catalyst to convert at least a portion of the isoalkanol to isoalkene isoalkene dimers and water; contacting at least a portion of the isoalkene dimers with a second catalyst to convert at least a portion of the isoalkene dimers to isoalkene trimers; hydrotreating the isoalkene trimers to form isoalkanes useful as a jet fuel kerosene or other heavy fuels.

No. of Pages : 41 No. of Claims : 26

(22) Date of filing of Application :03/11/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS FOR THE TREATMENT OF IL-1 RELATED CONDITIONS

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:61/332,658	1)XOMA TECHNOLOGY LTD.
(32) Priority Date	:07/05/2010	Address of Applicant :c/o 2910 Seventh Street Berkeley California
(33) Name of priority country	:U.S.A.	94710 U.S.A.
(86) International Application No	:PCT/US2011/035646	(72)Name of Inventor :
Filing Date	:06/05/2011	1)SOLINGER Alan M.
(87) International Publication No	:WO 2011/140522	2)GUL Ahmet
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are methods and materials for inhibiting (e.g. treating or preventing) uveitis in a subject including treatment refractory uveitis using anti-IL-1 binding molecules (e.g. IL-1 binding antibodies or binding fragment thereof).

No. of Pages : 114 No. of Claims : 122

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : AIR FILTER SYSTEMS AND METHODS OF 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 	:B01D46/04,B01D46/02,B01D46/42 :61/772198 :04/03/2013 :U.S.A. :PCT/US2014/020241 :04/03/2014 :WO 2014/138034 :NA :NA	 (71)Name of Applicant : 1)DONALDSON COMPANY INC. Address of Applicant :1400 West 94th Street P. O. Box 1299 Minneapolis MN 55440 1299 U.S.A. (72)Name of Inventor : 1)RAETHER Thomas D.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The air filter systems described herein include one or more pulse collectors and pulse generators aligned along pulse axes. The pulse generators and filter elements may be arranged along a pulse distance as measured from a pulse outlet to a filter element opening. The pulse collectors and the filter elements may have openings with a relationship between them within parameters described herein. The pulse collectors may have a relationship between their hydraulic diameter and their length within parameters described herein. The pulse collectors may include a filter section and a pulse section that meet at a junction along a length of the pulse collector. The pulse sections may have a hydraulic diameter that increases when moving from the junction to the tube sheet opening of the pulse section. The filter sections may have a hydraulic diameter that remains constant when moving from the junction to the filter end opening of the filter section. Filter elements/cartridges used in the air filter systems may have filter media shaped or formed into ovate cross sections

No. of Pages : 112 No. of Claims : 51

(19) INDIA

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : INFRARED HEATING METHOD INFRARED HEATING AND FORMING METHOD OF STEEL SHEET AND AUTOMOBILE COMPONENT OBTAINED THEREBY AND INFRARED HEATING FURNACE

(51) International classification	:C21D1/18,C21D1/673,C21D9/46	
(31) Priority Document No	:2013018877	1)AISIN TAKAOKA CO. LTD.
(32) Priority Date	:01/02/2013	Address of Applicant :1 Tennoh Takaoka Shin machi Toyota shi
(33) Name of priority country	:Japan	Aichi 4738501 Japan
(86) International Application No	:PCT/IB2014/058654	(72)Name of Inventor :
Filing Date	:30/01/2014	1)WADA Ryozo
(87) International Publication No	:WO 2014/118723	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is desired to provide an infrared heating method of a steel sheet that can contribute to manufacture a steel sheet with a desirable characteristic distribution and that can contribute to save labor in a steel sheet forming step and to simplify steel sheet forming facilities. The infrared heating method comprises the steps of: wholly infrared heating a steel sheet uniformly up to a temperature which is A3 point or above; and temperature distribution controlling wherein after the wholly infrared heating step partial lowering of a light intensity of infrared rays irradiated toward the steel sheet is performed to provide a first region having a temperature of A3 point or above and a second region having a temperature less than A1 point in the steel sheet.

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

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : NEW POLYESTER ETHERS DERIVED FROM ASYMMETRICAL MONOMERS BASED UPON BISANHYDROHEXITOLS

(51) International classification	:G11B5/706	(71)Name of Applicant :
(31) Priority Document No	:61/315227	1)NEW JERSEY INSTITUTE OF TECHNOLOGY
(32) Priority Date	:18/03/2010	Address of Applicant : University Heights Newark New Jersey 07102
(33) Name of priority country	:U.S.A.	1982 U.S.A.
(86) International Application No	:PCT/US2011/028966	(72)Name of Inventor :
Filing Date	:18/03/2011	1)EAST Anthony
(87) International Publication No	:WO 2011/116270	2)JAFFE Michael
(61) Patent of Addition to Application Number	:NA	3)HAMMOND Willis
Filing Date	:NA	4)FENG Xianhong
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Asymmetrically substituted compounds of bisanhydrohexitols are described, including the bisanhydrohexitol isosorbide. The compounds are useful as monomers. The synthesis of polymers from the monomers is also described.

No. of Pages : 27 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :02/11/2012

(21) Application No.9627/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : USE OF COLD-STABILIZED METHYLATED VEGETABLE OILS AS AN AGRICULTURAL CHEMICAL COFORMULANT

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/331,033	1)DOW AGROSCIENCES LLC
(32) Priority Date	:04/05/2010	Address of Applicant :9330 Zionsville Road Indianapolis Indiana
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2011/034881	(72)Name of Inventor :
Filing Date	:03/05/2011	1)CHRISTOPHER VOGLEWEDE
(87) International Publication No	:WO 2011/140005	2)KAREN SWAYZE
(61) Patent of Addition to Application Number	:NA	3)HOLGER TANK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes the use of a methylated vegetable oil having less than 10 percent by weight of saturated O fatty acid methyl esters and less than 10 percent by weight of fatty acid methyl esters of carbon chain length less than C lo as a low- \$ cloud point cofonnulant in pesticidal compositions.

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

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : REDUCTION OF MERCURY EMISSIONS FROM CEMENT PLANTS

(51) International classification (31) Priority Document No	:C07C :61/331,219	(71)Name of Applicant : 1)ALBEMARLE CORPORATION
(32) Priority Date	:04/05/2010	Address of Applicant :451 Florida Street Baton Rouge LA 70801-
(33) Name of priority country	:U.S.A.	1765 U.S.A.
(86) International Application No		(72)Name of Inventor :
Filing Date	:27/04/2011	1)XIN LIU
(87) International Publication No	:WO 2011/139789	2)JON E. MILLER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

1. A method for reducing mercury emissions from a cement plant comprising at least a particulate collection device and a preheater tower comprised of one or more 5 preheater cyclones, the vvh-ieh method characterized by eemp :2 nij eting pulverized coal into at least one preheater cyclone of said cement plant, wherein said inlectin is into at least one preheater eyelope at temierattu e in ranaof about 400° C to about 400° C.

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

(22) Date of filing of Application :19/08/2015

(21) Application No.7344/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : INJECTION DEVICE HAVING A NEEDLE PROTECTION DEVICE

(51) International classification	·A61M5/32 A61M5/31	(71)Name of Applicant :
(31) Priority Document No	:13 51842	1)APTAR STELMI SAS
•		
(32) Priority Date	:01/03/2013	Address of Applicant :Le Raspail Paris Nord 2 22 avenue des Nations
(33) Name of priority country	:France	F 93420 Villepinte France
(86) International Application No	:PCT/FR2014/050401	(72)Name of Inventor :
Filing Date	:25/02/2014	1)FOURNIER Arnaud
(87) International Publication No	:WO 2014/131985	2)FOURNIER Ghislain
(61) Patent of Addition to Application Number	:NA	3)SWAL Micka«l
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Device (100) for injection of fluid product having a syringe body (101) and a needle (110) fixed in an axial end projection (102) of the syringe body said injection device having a needle protection device (200) said protection device being fixed on said injection device in a storage position said protection device being removable from said injection device said protection device having an internal body (210) made of substantially flexible or deformable material and an external body (220) made of substantially rigid material said internal body (210) in the storage position closing the dispensing orifice (111) of said needle (110) in a leaktight manner and cooperating with said injection device (100) in a leaktight manner and said external body (220) in the storage position cooperating with said injection device (100) and a protection part (220) on said injection device (100) said external body (220) having a fastening part (228) fixed on said injection device (100) and a protection part (229) fixed on said internal body (210) said protection part (229) being connected to said fastening part (228) by at least one bridge (227) of divisible material being broken in order to withdraw said protection part (229) and said internal body (210).

No. of Pages : 27 No. of Claims : 11

(22) Date of filing of Application :19/08/2015

(21) Application No.7345/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR THE SURFACE TREATMENT OF A METERING 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 	:1352433 :19/03/2013 :France :PCT/FR2014/050620 :18/03/2014 :WO 2014/147331 :NA :NA :NA	 (71)Name of Applicant : 1)APTAR FRANCE SAS Address of Applicant :BP G Le Prieur F 27110 Le Neubourg France (72)Name of Inventor : 1)BROUET Guillaume
Filing Date	:NA	

(57) Abstract :

Process for the surface treatment of a metering valve said metering valve comprising a valve body and a gate that slides in said valve body said process comprising a first step of forming by chemical grafting a thin silicone film on at least one support surface of said valve body and/or of said gate and a second step of applying free silicone to said grafted thin silicone film so that said treated support surface simultaneously comprises grafted silicone and free silicone the siloxane chains of the grafted silicone and of the free silicone combining chemically with one another in order to strengthen the holding of the free silicone on said grafted thin silicone film.

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

(22) Date of filing of Application :02/11/2012

(21) Application No.9624/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS COMPRISING PIOGLITAZONE AND LINAGLIPTIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K :10162067.2 :05/05/2010 :EPO :PCT/EP2011/057163 :04/05/2011 :WO 2011/138380 :NA :NA :NA	 (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH Address of Applicant :Boehringer Ingelheim GmbH Corporate Patents Binger Str. 173 55216 Ingelheim Am Rhein Germany (72)Name of Inventor : 1)PETER SCHNEIDER 2)THORSTEN NEUHAUS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to pharmaceutical compositions comprising fined dose combinations of a DPP-4 in hibitor drug and pioglitamne, processes for the prepaxation thereof, and their use to treat certain diseases.

No. of Pages : 47 No. of Claims : 20

(22) Date of filing of Application :02/11/2012

(21) Application No.9625/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : DEVICE FOR SECURING A TOOL TO A SPINDLE •

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:61/331,039	1)THE GLEASON WORKS
(32) Priority Date	:04/05/2010	Address of Applicant :1000 University Avenue P.O. Box 22970
(33) Name of priority country	:U.S.A.	Rochester NY 14692-2970 U.S.A.
(86) International Application No	:PCT/US2011/034226	(72)Name of Inventor :
Filing Date	:28/04/2011	1)CRAIG R. RONALD
(87) International Publication No	:WO 2011/139808	2)MATTHEW C. MEYER
(61) Patent of Addition to Application Number	:NA	3)DAVID J. SENECAL
Filing Date	:NA	4)DANIEL D. WOOD
(62) Divisional to Application Number	:NA	5)KENNETH E. GLASOW
Filing Date	:NA	

(57) Abstract :

A tool securing device (2) capable of clamping a tool to a machine spindle as well as assisting in the removal of a tool from a machine spindle, all in a tool-less manner. The tool securing device includes distal means (10) to be releasably gripped by a machine draw bar as well as means (6) to releasably engage a tool.

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

(22) Date of filing of Application :18/06/2015

(21) Application No.5337/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : MANUAL LIFTING SLING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61G7/10 :NA :NA :NA :PCT/CN2013/071651 :18/02/2013	 (71)Name of Applicant : 1)U.S. PACIFIC NONWOVENS INDUSTRY LIMITED Address of Applicant :18/F CAC Tower 165 Hoi Bun Road Kwun Tong Kowloon Hong Kong China (72)Name of Inventor : 1)WONG Cho Kee
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2014/124565 :NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a manual lifting sling apparatus (10) made of fabric comprising: a bottom support part (12) used for supporting the buttocks and legs of a patient; a rear support part (11) joined to the bottom support part (12) to form an inclined angle and used for supporting the back of the patient; a left blocking part (13) and a right blocking part (14) restraining the patient respectively on the left and right sides , the left blocking part (13) and the right blocking part (14) restraining the bottom support part (12) and the rear support part (11); and at least two lifting handles (15) provided on both the left blocking part (13) and the right blocking part (14). The fabric used for the apparatus is a woven fabric or non- woven fabric , and is made of a non biodegradable material or biodegradable polymer material. The apparatus has a simple structure , a rational design a high degree of comfort and is low in cost , and can be a manual lifting sling apparatus deployed specially for each patient for finite use.

No. of Pages : 25 No. of Claims : 13

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR VERIFYING A SURVEYING INSTRUMENT S EXTERNAL ORIENTATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No. 	:G01C15/00 :10166558.6 :18/06/2010 :EPO :PCT/EP2011/059695	 (71)Name of Applicant : 1)LEICA GEOSYSTEMS AG Address of Applicant :Heinrich Wild Strasse CH 9435 Heerbrugg Switzerland (72)Name of Inventor :
		11 66
(86) International Application No		(72)Name of Inventor :
Filing Date	:10/06/2011	1)METZLER Bernhard
(87) International Publication No(61) Patent of Addition to Application Number	:WO 2011/157652 :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for verifying a surveying instrument s external orientation during a measurement process. The method comprises the initialization steps of: directing the imaging means of the surveying instrument onto a reference object (2) and detecting a first photographing direction of the imaging means taking a first image of the reference object (2) in the first photographing direction memorizing the first image and the first photographing direction as being indicative of the surveying instrument s external orientation. According to the invention in a proceeded state of the measurement process the following verifying steps are carried out particularly in an automatic and preprogrammed way: re directing the imaging means onto the reference object (2) and detecting a second photographing direction of the imaging means taking a second image of the reference object (2) in the second photographing direction and comparing a first with a second imaged position of the reference object (2) in the first respectively the second image by image processing as well as the first with the second photographing direction and verifying the surveying instrument s external orientation based on disparities between the first and the second imaged position and/or between the first and the second photographing direction.

No. of Pages : 41 No. of Claims : 15

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(51) International classification	:A24F47/00	(71)Name of Applicant :
(31) Priority Document No	:13159544.9	1)PHILIP MORRIS PRODUCTS S.A.
(32) Priority Date	:15/03/2013	Address of Applicant : Quai Jeanrenaud 3 CH 2000 Neuchtel
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/077645	(72)Name of Inventor :
Filing Date	:20/12/2013	1)THORENS Michel
(87) International Publication No	:WO 2014/139609	2)NA
(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 : AN AEROSOL GENERATING SYSTEM WITH A REPLACABLE MOUTHPIECE COVER

(57) Abstract :

There is provided an aerosol generating device comprising: a housing containing or configured to receive an aerosol forming substrate (210); an outlet (220) formed in the housing wherein in use aerosol generated from the aerosol forming substrate is delivered through the outlet; wherein the housing comprises a first wall (230) surrounding the outlet and a second wall (235) surrounding the first wall such that an open ended annular recess (240) is defined between the first and second walls the annular recess being suitable for retaining a compliant mouthpiece cover (300) to the housing the compliant mouthpiece cover being readily compressed but resilient. In use the mouthpiece cover is placed into a user s mouth in order to directly inhale an aerosol generated by the aerosol generating device. There is also provided a removable mouthpiece cover for an electrically operated smoking device comprising a compliant readily compressed but resilient tubular portion defining a central bore and a filter portion covering the bore of the filter portion.

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

(19) INDIA

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ROLLER DEVICE USING SUCTION ROLLER AND PRODUCTION METHOD FOR MEMBER HAVING UNEVEN STRUCTURE

(51) International classification	:B29C59/04,B29C33/10,B29C33/42	(71)Name of Applicant :
(31) Priority Document No	:2013023239	1)JX NIPPON OIL & ENERGY CORPORATION
(32) Priority Date	:08/02/2013	Address of Applicant :6 3 Otemachi 2 chome Chiyoda ku Tokyo
(33) Name of priority country	:Japan	1008162 Japan
(86) International Application No	:PCT/JP2014/052477	(72)Name of Inventor :
Filing Date	:04/02/2014	1)TAKAHASHI Madoka
(87) International Publication No	:WO 2014/123093	2)TORIYAMA Shigetaka
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.1474	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11A	

(57) Abstract :

A roller device (300) provided with: a rotatable suction roller (25) wherein a suction force acts at the outer peripheral surface (25a) from the outside towards the inside; a suction mechanism (65) which generates the suction force; and a gas permeable member (81) which covers the outer peripheral surface (25a) of the suction roller (25). Due to the roller device (300) being provided with the gas permeable member (81) and the suction roller (25) water gas can be uniformly extracted from a workpiece while the workpiece is impelled by the gas permeable member (81). By using this roller device (300) a member having an uneven structure to be used for light diffraction and scattering can be produced at a good yield and a high throughput.

No. of Pages : 43 No. of Claims : 20

(22) Date of filing of Application :18/08/2015

(21) Application No.7288/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PLASMA SOURCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H05H1/46,H01J37/32 :PCT/EP/2013/052340 :06/02/2013 :PCT :PCT/EP2013/052340 :06/02/2013 :WO 2014/121831 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ARCELORMITTAL INVESTIGACIN Y DESARROLLO SL Address of Applicant :CL/Chavarri 6 E 48910 Sestao Bizkaia Spain (72)Name of Inventor : 1)DUMINICA Florin Daniel 2)LECLERCQ Vincent 3)SILBERBERG Eric 4)DANIEL Alain
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(57) Abstract :

The invention relates to a plasma source (1) for depositing a coating onto a substrate (9) which is connectable to a power source (P) and includes: an electrode (2); a magnetic assembly (4) located circumferentially relative to said electrode and including a set of magnets mutually connected by a magnetic bracket (46) including a first and second central magnet (43 44) and at least one head magnet (45); and an electrically insulating enclosure (5) arranged such as to surround the electrode and the magnets.

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

(19) INDIA

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : PRODUCTION OF HIGHER ALCOHOLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to 	:C07C29/80,C07C31/12,C07C31/125 :61/766484 :19/02/2013 :U.S.A. :PCT/US2014/016957 :18/02/2014 :WO 2014/130465	 (71)Name of Applicant : 1)GREENYUG LLC Address of Applicant :861 Ward Drive Santa Barbara California 93111 U.S.A. (72)Name of Inventor : 1)GADEWAR Sagar B. 2)VICENTE Brian Christopher 3)STOIMENOV Peter K.
(86) International Application No	:PCT/US2014/016957	(72)Name of Inventor :
Filing Date	:18/02/2014	1)GADEWAR Sagar B.
(87) International Publication No	:WO 2014/130465	2)VICENTE Brian Christopher
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A reactive distillation method comprises introducing a feed stream to a reactive distillation column contacting the feed stream with one or more catalysts in the reactive distillation column during a distillation and removing one or more higher alcohols during the distillation from the reactive distillation column as a bottoms stream. The feed stream comprises one or more alpha hydrogen alcohols and the feed stream reacts in the presence of the one or more catalysts to produce a reaction product comprising the one or more higher alcohols.

No. of Pages : 129 No. of Claims : 41

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : FLAVIN DERIVATIVES •

		(71)Name of Applicant :
		1)BIORELIX INC.
		Address of Applicant :5 Science Park at Yale 401 Winchester Avenue
		New Haven CT 06511 U.S.A.
		(72)Name of Inventor :
		1)PHILIP D G COISH
		2)Brian R DIXON
(51) International classification	:C07C	3)David OSTERMAN
(31) Priority Document No	:61/321,347	4)Paul Adrian ARISTOFF
(32) Priority Date	:06/04/2010	5)Manuel NAVIA
(33) Name of priority country	:U.S.A.	6)Frank SCIAVOLINO
(86) International Application No	:PCT/US2011/000617	7)Stephanie AVOLA
Filing Date	:06/04/2011	8)Nick BABOULAS
(87) International Publication No	:WO 2011/126567	9)Thomas R BELLIOTTI
(61) Patent of Addition to Application Number	:NA	10)Angelica BELLO
Filing Date	:NA	11)Judd BERMAN
(62) Divisional to Application Number	:NA	12)Robert A CHRUSCIEL
Filing Date	:NA	13)Bruce R EVANS
C C		14)Harpreet KAUR
		15)David MOON
		16)Vinh PHAM
		17)Andrew ROUGHTON
		18)Phil WICKENS
		19)Jeffrey WILSON
		20)Heinrich J SCHOSTAREZ
(57) Abstract :		<u> </u>

(57) Abstract :

The present invention relates novel flavin derivatives, their use and compositions for use as riboswitch ligands and/ or anti-infectives.

No. of Pages : 385 No. of Claims : 50

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN ELLIPTICAL COMPRESSOR COVER FOR A TURBOCHARGER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F01D25/24,F01D25/00,F02B39/00 :61/759479 :01/02/2013 :U.S.A.	 (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A.
(86) International Application No Filing Date	:PCT/US2014/012729 :23/01/2014	(72)Name of Inventor : 1)FRASER Brock
(87) International Publication No(61) Patent of Addition to Application	·WO 2014/120549	2)HENDERSON Kurt
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A turbocharger (10) having a compressor housing (15) and a bearing housing (17). The compressor housing (15) including an elliptical shaped wall (16) extending between an air inlet (11) and a volute (13) formed by the compressor housing (15). The bearing housing (17) forms a flat bearing housing wall (14) opposing the compressor wall (16) wherein the compressor wall (16) and bearing housing wall (14) form an elliptical diffuser (12) between the air inlet (11) and the volute (13).

No. of Pages : 9 No. of Claims : 6

(22) Date of filing of Application :03/07/2015

(21) Application No.5855/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SUPPORTING FRAME WITH MESH FLOOR FOR RACKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:20 2013 000 832.6 :21/01/2013 :Germany :PCT/EP2014/050660 :15/01/2014 :WO 2014/111401	 (71)Name of Applicant : 1)TEGOMETALL INTERNATIONAL AG Address of Applicant :Industriestrae 7 CH 8574 Lengwil Switzerland (72)Name of Inventor : 1)BOHNACKER Ulrich
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	:WO 2014/111401 :NA :NA	
(62) Divisional to Application NumberFiling Date	:NA :NA :NA	

(57) Abstract :

In a supporting frame which is intended for being placed onto a crossmember pair of a rack and has two angled profile rails (22) and a plurality of C profile rails (21) which run transversely with respect thereto a mesh floor (10) can be integrated as anti drop means in such a way that it bears against the underside of the C profile rails (21) whereas supporting rods (13) which are welded to said mesh floor (10) and protrude beyond the dimension thereof rest on the angled profile rails (22). The mesh floor (10) is therefore fixed firmly in the supporting frame without fastening means.

No. of Pages : 7 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :03/07/2015

(21) Application No.5856/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PURELY MECHANICAL DEVICE FOR CONTROLLING THE INCLINATION OF A TILTING VEHICLE HAVING AT LEAST THREE WHEELS

(51) International classification	:B62D9/02,B62D24/00	(71)Name of Applicant :
(31) Priority Document No	:1300555	1)MARIE FRANCOISE David
(32) Priority Date	:13/03/2013	Address of Applicant :7 rue Klock F 92110 Clichy France
(33) Name of priority country	:France	2)LEHONGRE Claude
(86) International Application No	:PCT/EP2013/077196	(72)Name of Inventor :
Filing Date	:18/12/2013	1)MARIE FRANCOISE David
(87) International Publication No	:WO 2014/041210	2)LEHONGRE Claude
(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 purely mechanical device for controlling the inclination of a narrow tilting vehicle such as to guarantee equilibrium regardless of speed. The device is formed by a nacelle (1) suspended by two pivots (2 and 3) from two half frames (4 and 5) that can be moved apart from the nacelle like the arms of a compass. A mechanical system (12) controls the respective angles of the two half frames (4 and 5) and the nacelle (1). A steering system (16) allows a greater turning angle to be applied to the inner wheel than the outer wheel on turns and a correction is made by the mechanical system (14) by means of which the steered wheels (6 and 7) are toed in or out depending on whether the nacelle is over or under inclined in relation to its equilibrium. The device of the invention is particularly suitable for the production of narrow tilting vehicles offering the circulation capabilities of a two wheeled vehicle without the steering difficulties.

No. of Pages : 12 No. of Claims : 9

(22) Date of filing of Application :03/07/2015

(21) Application No.5857/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR MANUFACTURING A MONOLITHIC ALL SOLID STATE BATTERY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01M4/1391,H01M10/0525,H01M10/0562 :13 51810 :28/02/2013 :France :PCT/FR2014/050424 :27/02/2014 :WO 2014/131997 :NA :NA :NA	 (71)Name of Applicant : 1)I TEN Address of Applicant :6 rue des Aulnes F 69410 Champagne Au Mont DOr France (72)Name of Inventor : 1)GABEN Fabien
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(57) Abstract :

The invention relates to a process for manufacturing all solid state batteries said batteries comprising at least one dense layer containing anode materials (anode layer) at least one dense layer containing solid electrolyte materials (electrolyte layer) and at least one dense layer containing cathode materials (cathode layer) in order to obtain an all solid state battery consisting of an assembly of a plurality of elementary cells.

No. of Pages : 61 No. of Claims : 27

(22) Date of filing of Application :17/06/2015

(21) Application No.5317/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : FOOTWEAR ITEM HAVING A SIMPLIFIED STRUCTURE

(62) Divisional to Application Number :NA Filing Date :NA		:12 03567 :21/12/2012 :France :PCT/FR2013/000325 :06/12/2013 :WO 2014/096561 :NA :NA :NA	 (71)Name of Applicant : 1)SALOMON SAS. Address of Applicant :Les Croiselets, F- 74370 Metz Tessy France (72)Name of Inventor : 1)BOUCHER Batrice 2)GAUTIER Grard
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(57) Abstract :

The invention relates to a footwear item (1) comprising a first casing (21) that extends lengthwise from a rear end (24) to a front end (25), widthwise between a side edge (26) and a medial margin (27) and heightwise from a base (28) to an upper end (29), said first casing (21) comprising yarns (44, 45, 46, 47, 48) linked mechanically to one another and at least part of said yarns comprising at least one hot- melt filament. The yarns (44, 45, 46, 47, 48) that comprise at least one hot- melt filament are distributed over all of the first casing (21) and the shape of the first casing (21) is set by means of the melting of the yarns that comprise at least one hot -melt filament.

No. of Pages : 31 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SQUARIC DERIVATIVES FOR THE TREATMENT OF HEPATITIS C

 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D251/52,A61P31/12,A61K31/53 :61/756557 :25/01/2013 :U.S.A. :PCT/US2014/012650 :23/01/2014 :WO 2014/116772 :NA :NA	 (71)Name of Applicant : 1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant :Route 206 and Province Line Road Princeton New Jersey 08543 U.S.A. (72)Name of Inventor : 1)WANG Tao 2)ZHANG Zhongxing 3)SCOLA Paul Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Compounds of Formula I including pharmaceutically acceptable salts thereof are set forth in addition to compositions and methods of using these compounds. The compounds have activity against hepatitis C virus (HCV) and may be useful in treating those infected with HCV.

No. of Pages : 82 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :18/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : AMMONIUM DERIVATIVES FOR THE TREATMENT OF HEPATITIS C

(57) Abstract :

Compounds of Formula I including pharmaceutically acceptable salts thereof are set forth in addition to compositions and methods of using these compounds. The compounds have activity against hepatitis C virus (HCV) and may be useful in treating those infected with HCV.

No. of Pages : 58 No. of Claims : 9

(22) Date of filing of Application :18/08/2015

(21) Application No.7314/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : GUANIDINE DERIVATIVES FOR THE TREATMENT OF HEPATITIS C

 (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/US2014/012639 :23/01/2014	 (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)WANG Tao 2)ZHANG Zhongxing 3)HAN Ying 4)YIN Zhiwei 5)SCOLA Paul Michael
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)SCOLA Paul Michael

(57) Abstract :

Compounds of Formula I including pharmaceutically acceptable salts thereof are set forth in addition to compositions and methods of using these compounds. The compounds have activity against hepatitis C virus (HCV) and may be useful in treating those infected with HCV.

No. of Pages : 103 No. of Claims : 9

(22) Date of filing of Application :18/08/2015

(21) Application No.7315/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : NOVEL PEPTIDE HAVING 5 LINKED CTL EPITOPES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 (34) NA 	 3/00,A61P35/00 (71)Name of Applicant : 1)TAIHO PHARMACEUTICAL CO. LTD. Address of Applicant :1 27 Kandanishiki cho Chiyoda ku Tokyo 1018444 Japan (72)Name of Inventor : 1)FUKAYA Satoshi 2)OSADA Toshihiro 3)WADA Hiroshi 4)UTSUGI Teruhiro
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(57) Abstract :

Provided is a cancer antigen peptide that does not require HLA type inspection that is not restricted to patients having a specific HLA type and that can be administered to a wide range of cancer patients as a cancer peptide vaccine. A peptide having 5 linked CTL epitopes the peptide being obtained by linking via a linker 5 CTL epitope peptides selected from a group of CTL epitope peptides reported to be capable of CTL induction and derived from tumor antigen molecules.

No. of Pages : 38 No. of Claims : 10

(22) Date of filing of Application :18/08/2015

(21) Application No.7316/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : ONLINE MONITORING OF POLYMERIZATION INHIBITORS FOR CONTROL OF UNDESIRABLE

POLYMERIZATION		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08F2/38,C08F2/40,C08J3/00 :13/765508 :12/02/2013 :U.S.A. :PCT/US2014/011276 :13/01/2014 :WO 2014/126663 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ECOLAB USA INC. Address of Applicant :370 N. Wabasha Street St. Paul Minnesota 55102 U.S.A. (72)Name of Inventor : 1)COLORADO JR. Ramon 2)LEWIS Vincent 3)GEIGER Robert A. 4)HANCOCK Jessica 5)NEILSON Andrew R.

(57) Abstract :

Disclosed herein are systems and methods for monitoring and controlling a nitroxide based polymerization inhibitor in vinyl based monomers. A dosage of the nitroxide based polymerization inhibitor is provided in the vinyl based monomers. A residual concentration of the nitroxide based polymerization inhibitor is measured substantially in real time and an optimized dosage of the nitroxide based polymerization inhibitor is provided in response to the measured residual concentration.

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

(19) INDIA

(22) Date of filing of Application :17/06/2015

(21) Application No.5305/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : APPARATUS AND METHOD FOR WATER TREATMENT MAINLY BY SUBSTITUTION USING A DYNAMIC ELECTRIC FIELD

(51) International classification	:C02F1/46,C02F1/42,C02F1/48	(71)Name of Applicant :
(31) Priority Document No	:13/683212	1)AANENSEN Ove T.
(32) Priority Date	:21/11/2012	Address of Applicant :Hyllebakken 2, 4622 Kristiansand Norway
(33) Name of priority country	:U.S.A.	2)VALAND ,Dag Arild
(86) International Application No	:PCT/EP2013/003523	(72)Name of Inventor :
Filing Date	:21/11/2013	1)AANENSEN Ove T.
(87) International Publication No	:WO 2014/079577	2)VALAND ,Dag Arild
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus, method, process, and system for the treatment of a water stream are provided. Such apparatus, method, process, and system characterized by applying a voltage to a pair of electrodes to generate an electric field with such electric field applied across a water stream passing there between the pair of electrodes. At least one of the pair of electrodes comprises a metal, and one or more of a plurality of positively charged ions in the water stream are substituted with one or more positively charged ions of the metal. Additionally, one or more of a plurality of negatively charged ions may react with the one or more positively charge ions of the metal to form an ionic compound. One or more of any remaining of the plurality of positively charged ions may reaction with another one or more of the plurality of negatively charged ions.

No. of Pages : 32 No. of Claims : 20

(22) Date of filing of Application :17/06/2015

(21) Application No.5306/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : ARYL SUBSTITUTED FUSED BICYCLIC PYRIDAZINE COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C07D487/04,A61K31/495,A61P35/00 :61/739522 :19/12/2012 :U.S.A. :PCT/US2013/075613	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35, 4056 Basel Switzerland (72)Name of Inventor : 1)BURGER, Matthew
Filing Date	:17/12/2013	2)NISHIGUCHI,Gisele
(87) International Publication No	:WO 2014/099880	3)RICO, Alice
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)TAFT ,Benjamin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a compound of formula (I) as described herein, and pharmaceutically acceptable salts, enantiomers rotamers, tautomers, or racemates thereof. Also provided are methods of treating a disease or condition mediated by PIM kinase using the compounds of Formula (I), and pharmaceutical compositions comprising such compounds.

No. of Pages : 193 No. of Claims : 25

(22) Date of filing of Application :17/06/2015

(21) Application No.5307/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : TRICYCLIC COMPOUNDS AS CFTR INHIBITORS

(51) International classification (31) Priority Document No	:C07D487/14,C07D498/14,A61K31/519 :61/739337	(71)Name of Applicant : 1)NOVARTIS AG
(32) Priority Date	:19/12/2012	Address of Applicant :Lichtstrasse 35, CH -4056 Basel Switzerland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2013/061041 :17/12/2013	1)AHMED ,Mahbub 2)ASHALL- KELLY, Alexander 3)BLOOMFIELD ,Graham Charles
(87) International Publication No.	p:WO 2014/097147	4)GUERITZ, Louisa
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)MCKENNA, Jeffrey 6)MCKENNA, Joseph 7)MUTTON, Simon
(62) Divisional to Application Number Filing Date	:NA :NA	8)PARMAR ,Rakesh 9)SHEPHERD, Jon 10)WRIGHT ,Paul

(57) Abstract :

The present invention provides a CFTR inhibitor of formula (I) or a pharmaceutically acceptable salt thereof; and its therapeutic uses , e.g. in the treatment of diarrhea. The present invention further provides a combination of pharmacological active agents and a pharmaceutical composition.

No. of Pages : 152 No. of Claims : 17

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : TRICYCLIC COMPOUNDS FOR INHIBITING THE CFTR 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 N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D487/14,C07D487/04,C07D495/14 :61/739335 :19/12/2012 :U.S.A. :PCT/IB2013/061043 :17/12/2013 o :WO 2014/097148 :NA :NA :NA	 (71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35, CH -4056 Basel Switzerland (72)Name of Inventor : 1)AHMED ,Mahbub 2)ASHALL- KELLY ,Alexander 3)GUERITZ, Louisa 4)MCKENNA ,Jeffrey 5)MCKENNA ,Joseph 6)MUTTON ,Simon 7)PARMAR, Rakesh 8)SHEPHERD ,Jon 9)WRIGHT ,Paul
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(57) Abstract :

The present invention provides a compound of formula I or a pharmaceutically acceptable salt thereof; and its therapeutic uses. The present invention further provides a combination of pharmacologically active agents and a pharmaceutical composition.

No. of Pages : 274 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD OF FABRICATION OF A BACK-CONTACTED PHOTOVOLTAIC CELL, AND BACK-CONTACTED PHOTOVOLTAIC CELL MADE BY SUCH A METHOD •

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:2004310	1)STICHTING ENERGIEONDERZOEK CENTRUM
(32) Priority Date	:26/02/2010	NEDERLAND
(33) Name of priority country	:Netherlands	Address of Applicant :Westerduinweg 3 NL-1755 LE Petten The
(86) International Application No	:PCT/NL2011/050137	Netherlands Netherlands
Filing Date	:25/02/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/105907	1)GUILLEVIN Nicolas
(61) Patent of Addition to Application Number	:NA	2)GEERLIGS Lambert Johan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for manufacturing a solar cell from a silicon semiconductor substrate of a first conductivity type the substrate having a front and a rear surface; and -creating on the rear surface a doped layer of the first conductivity type as rear surface doped layer as back surface field in the solar cell; -creating on the front surface a doped layer of a second conductivity type as front surface doped layer as an emitter layer in the solar cell the second conductivity type being opposite to the first conductivity type; wherein the method further includes: creating recesses in the rear surface to pattern the rear surface doped layer of the first conductivity type so as to create back surface field areas the recesses being void of rear surface doped layer material and creating via holes in the substrate each via hole being positioned within an associated recess.

No. of Pages : 50 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : MOLTEN METAL LEAKAGE CONFINEMENT AND THERMAL OPTIMIZATION IN VESSELS USED FOR CONTAINING MOLTEN METALS

(51) International classification	:B22D41/02	(71)Name of Applicant :
(31) Priority Document No	:61/342841	1)NOVELIS INC.
(32) Priority Date	:19/04/2010	Address of Applicant :191 Evans Avenue Toronto Ontario M8Z 1J5
(33) Name of priority country	:U.S.A.	Canada
(86) International Application No	:PCT/CA2011/000393	(72)Name of Inventor :
Filing Date	:13/04/2011	1)REEVES Eric W.
(87) International Publication No	:WO 2011/130825	2)BOORMAN James
(61) Patent of Addition to Application Number	:NA	3)WAGSTAFF Robert Bruce
Filing Date	:NA	4)WOMACK Randal Guy
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Exemplary embodiments of the invention relate to a vessel used for containing molten metal e.g. a trough section for conveying molten metal from one location to another. The vessel has a refractory liner made of at least two refractory liner units positioned end to end with a joint between the units the units each having an exterior surface and a metal contacting interior surface. A housing at least partially surrounds the exterior surfaces of the refractory liner units with a gap present between the exterior surfaces and the housing. Molten metal confinement elements impenetrable by molten metal are positioned on opposite sides of the joint within the gap at least below a horizontal level corresponding to a predetermined maximum working height of molten metal held within the vessel in use to partition the gap into a molten metal confinement region between the elements and at least one other region that may be used to hold equipment such as electrical heaters that may be damaged by contact with molten metal. Another embodiment employs refractory liner units of different thermal conductivity to maximize heat penetration into the molten metal from heaters in the gap but to minimize heat loss at the inlet and outlet of the vessel where the end units contact the housing.

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

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : APPARATUS AND METHOD FOR DISTRIBUTING LIQUID SAMPLES IN SMALL VOLUMES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C07C :MX/a/2010/002036 :22/02/2010 :Mexico :PCT/MX2011/000032 :22/02/2011 :WO 2011/105884	(72)Name of Inventor : 1)BARRENECHEA OAR JOS‰ CARLOS
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/105884 :NA :NA :NA :NA	1)BARRENECHEA OAR JOS‰ CARLOS 2)GRANDE GUTIERREZ Raºl

(57) Abstract :

Apparatus for dispensing liquids in small sample volumes comprising a preformed rigid duct of impermeable material with one inlet and one or more outlets characterized in that the duct dimensions vary along it forming communicating ducts bifurcations and reservoirs; and a process for its manufacture. Refer to Figure 6

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

(22) Date of filing of Application :21/09/2012

(21) Application No.8265/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : IMAGE PROCESSING APPAR TUS, METHOD, AND COMPUTER PROGRAM STORAGE DEVICE •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04N :2010-079189 :30/03/2010 :Japan :PCT/JP2011/001547 :16/03/2011	 (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan (72)Name of Inventor : 1)MASAYA KINOSHITA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2011/121917 :NA :NA :NA	2)YUTAKA YONEDA 3)TAKASHI KAMEYA
Filing Date	:NA	

(57) Abstract :

An image processing apparatus, method and non-transitory computer program storage device cooperate to process successive images. Respective frames are created and positioned within the successive images, where each frame has a border. When changes between the frame borders are detected, a controller triggers the capturing of an image. This approach results in the capturing of interesting moments, even if the subject is not a human subject. The change in frame boundaries may be categorized in a variety of ways, including change in aspect ratio, shape, orientation, and position, for example. By detecting the changes in this way, an imaging device can capture images of interesting events automatically.

No. of Pages : 68 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : MACROMOLECULAR WATER-TREATMENT MEMBRANE AND MANUFACTURING METHOD THEREFOR

(57) Abstract :

A polymer membrane for water treatment composed of a vinyl chloride copolymer comprising a vinyl chloride monomer and a hydrophilic monomer.

No. of Pages : 41 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : MACROMOLECULAR WATER-TREATMENT MEMBRANE, MANUFACTURING METHOD THEREFOR, AND WATER TREATMENT METHOD

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:2010-047798	1)SEKISUI CHEMICAL CO. LTD.
(32) Priority Date	:04/03/2010	Address of Applicant :2-4-4 Nishitenma Kita-ku Osaka-shi Osaka
(33) Name of priority country	:Japan	530-8565 Japan Japan
(86) International Application No	:PCT/JP2011/054745	(72)Name of Inventor :
Filing Date	:02/03/2011	1)Toshihiro TAMAI
(87) International Publication No	:WO 2011/108579	2)Naotaka OYABU
(61) Patent of Addition to Application Number	:NA	3)Saki TANIMURA
Filing Date	:NA	4)Takashi OSUGI
(62) Divisional to Application Number	:NA	5)Ryuichi MATSUO
Filing Date	:NA	

(57) Abstract :

A polymer membrane for water treatment characterized in comprising a hollow fiber membrane having a self-supporting design composed of the substantially single principal structural material with an outer diameter of 3.6 mm to 10 mm and a ratio of outer diameter to thickness SDR of 3.6 to 34.

No. of Pages : 52 No. of Claims : 15

(22) Date of filing of Application :03/11/2012

(21) Application No.9497/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : LIQUID SUPPLY

(51) International classification	:A47J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
(32) Priority Date	:NA	Address of Applicant :11445 Compaq Center Drive W. Houston
(33) Name of priority country	:NA	Texas 77070 U.S.A.
(86) International Application No	:PCT/US2010/034272	(72)Name of Inventor :
Filing Date	:10/05/2010	1)STATHEM Ralph L.
(87) International Publication No	:WO 2011/142742	2)DONNING Mark C.
(61) Patent of Addition to Application Number	:NA	3)OLSEN David
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A liquid supply (30 130 330) includes a lever (48 348) that moves in response to expansion and contraction of a variable chamber (42 342) within a liquid reservoir (56 356). Movement of the lever (48 348) moves a ball (52 352) or sealing member (154 354) to open or close an opening (60 360) out of the liquid reservoir (56 356).

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

(22) Date of filing of Application :03/11/2012

(21) Application No.9498/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : POLYURETHANE-CONTAINING INKJET INK

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
(32) Priority Date	:NA	Address of Applicant :11445 Compaq Center Drive West Houston
(33) Name of priority country	:NA	Texas 77070 U.S.A.
(86) International Application No	:PCT/US2010/039060	(72)Name of Inventor :
Filing Date	:17/06/2010	1)IU Kai-Kong
(87) International Publication No	:WO 2011/159306	2)LI Shao-Wei
(61) Patent of Addition to Application Number	:NA	3)GUO Dennis Z.
Filing Date	:NA	4)BI Yubai
(62) Divisional to Application Number	:NA	5)GUZMAN Minedys Macias
Filing Date	:NA	

(57) Abstract :

The present disclosure provides inks ink sets and method for manufacturing inkjet inks. The inkjet ink comprises a colorant; a liquid vehicle; a surfactant; and a polyurethane binder the polyurethane binder including polymerized monomers of a polyether polyol a diisocyanate and an acid polyol where the polyurethane binder has a Mw from about 35K to 50K and an acid number from 51 to 60.

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

(22) Date of filing of Application :03/11/2012

(21) Application No.9499/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : BLUE INK FOR POSTAGE PRINTING

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
(32) Priority Date	:NA	Address of Applicant :11445 Compaq Center Drive W. Houston
(33) Name of priority country	:NA	Texas 77070 U.S.A.
(86) International Application No	:PCT/US2010/038908	(72)Name of Inventor :
Filing Date	:16/06/2010	1)MA Zeying
(87) International Publication No	:WO 2011/159298	2)LITTLE Robert F.
(61) Patent of Addition to Application Number	:NA	3)MORRIS Peter C.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A blue ink for postage printing which contains a blue pigment a black dye and an aqueous carrier wherein the weight ratio of blue pigment to black dye is in the range of 50:1 to 2:1. The blue pigment is a copper phthalocyanine pigment or an anthraquinone pigment and the black dye is an azo dye.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :17/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : IMPROVED POWER DENSITY OF A REVERSIBLE VARIABLE TRANSMISSION - RVT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F16H61/664,F16H15/38,F16H55/34 :1223469.6 :27/12/2012 :U.K. :PCT/EP2013/078018 :26/12/2013 :WO 2014/102300 :NA	 (71)Name of Applicant : 1)MAZARO NV Address of Applicant :Bommelsrede 38b, B- 9070 Destelbergen Belgium (72)Name of Inventor : 1)DE MAZI^RE, Filip
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides design modifications to increase the power density of a reversible variable transmission system for vehicles such as cars, buses, trucks, off- road vehicles, lift trucks, telescopic boom handlers and the like. The transmission can also be used in systems such as windmills etc. and other industrial applications that require power to be transferred at variable speeds.

No. of Pages : 40 No. of Claims : 6

(22) Date of filing of Application :19/08/2015

(21) Application No.7347/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR OPTIMISING A RESOURCE ALLOCATION PLAN

(51) International classification	:G06Q10/06	(71)Name of Applicant :
(31) Priority Document No	:13/00286	1)MBDA FRANCE
(32) Priority Date	:08/02/2013	Address of Applicant :1 avenue Raumur F 92350 Le Plessis Robinson
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2014/000029	(72)Name of Inventor :
Filing Date	:05/02/2014	1)LEBOUCHER Cdric
(87) International Publication No	:WO 2014/122372	2)LE MENEC Stphane
(61) Patent of Addition to Application Number	:NA	3)SHIN S. Hyosang
Filing Date	:NA	4)KOTENKOFF Alexandre
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The optimisation device (1) comprises means (4) for inputting data means (2) for defining on the basis of input data time windows of availability and efficiency relative to resources in consideration an element (6) for expressing a space of solutions i.e. said time windows as probabilities generating time continuous functions in compliance with said time windows an element (8) for optimising the resource allocation plan from the solutions space expressed as probabilities in this way and user means (11) for using an optimal allocation plan defined in this way.

No. of Pages : 21 No. of Claims : 14

(22) Date of filing of Application :19/08/2015

(21) Application No.7348/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : MULTIPLE OBJECTIVE OPTIMIZATION METHOD AND 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 	:13/00285 :08/02/2013 :France :PCT/FR2014/000030 :05/02/2014 :WO 2014/122373	 (71)Name of Applicant : 1)MBDA France Address of Applicant :1 avenue Raumur F 92350 Le Plessis Robinson France (72)Name of Inventor : 1)LEBOUCHER Cdric 2)LE MENEC Stphane
(61) Patent of Addition to Application Number Filing Date		3)SHIN S. Hyosang 4)KOTENKOFF Alexandre
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention relates to an optimization system (1) which comprises means (4) for entering data means (2) for defining a criterion for each one of the objectives considered using the data entered an element (6) for optimizing each one of the criteria individually in order to obtain an optimal person for each one of said criteria an optimal person including at least one optimal value feasible for the criterion an element (8) for determining by means of an evolutionary game algorithm the survival coefficients of said optimal persons and an element (10) for determining an optimal solution by mutating the optimal persons by means of the survival coefficients and of the application of a mutation operator the optimal solution including at least one final optimal value enabling the achievement of all the objectives considered to be optimized.

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

(19) INDIA

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : FORMULATIONS OF ORGANIC COMPOUNDS

(51) International classification	:A61K9/16,A61K9/20,A61K47/14	
(31) Priority Document No	:61/773492	1)NOVARTIS AG
(32) Priority Date	:06/03/2013	Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2014/059424	1)KOCHHAR Charu
Filing Date	:04/03/2014	2)QUINTON Jacques
(87) International Publication No	:WO 2014/136048	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	r :NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to solid pharmaceutical compositions comprising the phosphatidylinositol 3 kinase inhibitor compound 4 (trifluoromethyl) 5 (2 6 dimorpholinopyrimidin 4 yl)pyridin 2 amine or a pharmaceutically acceptable salt thereof sodium stearyl fumarate and optionally at least one additional pharmaceutically acceptable carrier. The present invention also relates to the processes for their preparation and to their use as medicaments for the treatment of cancer.

No. of Pages : 43 No. of Claims : 18

(22) Date of filing of Application :17/06/2015

(21) Application No.5328/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : INTERACTIVITY ANALYSES OF WEB RESOURCES BASED ON RELOAD EVENTS

(51) International classification	:G06F17/00,G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:13/720138	1)AMAZON TECHNOLOGIES ,INC.
(32) Priority Date	:19/12/2012	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/US2013/076033	1)KATTIL CHERIAN ,George
Filing Date	:18/12/2013	2)ROOT, Andrew Thomas
(87) International Publication No	:WO 2014/100130	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The initiation of a reload event by a user of a client -side application who requests a web resource from a server is an implicit indication that the user is dissatisfied with at least some aspect of the loading of the web resource by the client- side application. Information regarding the operational condition of the application at the time of a reload event may be instructive in identifying any issues or deficiencies exist regarding the web resource, the client- side application or the server. Code for displaying the web page may include one or more detection scripts which instruct the client- side application and/or the server- side application to detect a reload event, to capture the information upon the initiation of the reload event and to transfer the captured information back to the server , where the information may be compared against thresholds or tolerances to determine whether any such issues or deficiencies exist.

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

(22) Date of filing of Application :18/06/2015

(21) Application No.5329/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : IMPROVEMENTS RELATING TO MULTIFUNCTION COUPON PROCESSING SYSTEMS

(51) International classification	:G06Q40/00	(71)Name of Applicant :
(31) Priority Document No	:1220796.5	1)OMARCO NETWORK SOLUTIONS LIMITED
(32) Priority Date	:19/11/2012	Address of Applicant :First Floor, Millennium House, Victoria Road,
(33) Name of priority country	:U.K.	Douglas, Isle of Man British Isles IM2 4RW U.K.
(86) International Application No	:PCT/IB2013/060245	(72)Name of Inventor :
Filing Date	:19/11/2013	1)OMAR ,Ralph, Mahmoud
(87) International Publication No	:WO 2014/076684	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multi-function coupon processing system for issuing and processing a plurality of multi function coupons is described. The system comprises: a plurality of multi-function coupon-issuing terminals provided at unregulated locations; a unique identifier generator for generating on demand a unique identifier which is to be provided with an issued multi- function coupon; and a central coupon processing server located remotely from but in data communication with the plurality of terminals; the central o coupon server comprising: a master function processor for processing redemption of the multi-function coupon in relation to a first function of the coupon; a proxy function processor being responsive to the issuance of the coupon to conduct a purchase of a longterm investment product on a proxy basis; a personal information module for receiving and storing personal information about a purchaser from a secure regulated location; wherein the master function processor is arranged to accept rights to use the personal information of the customer and in exchange to assign the rights in the purchased long-term investment product to the customer.

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

(19) INDIA

(22) Date of filing of Application :18/06/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : LED DRIVER CIRCUIT USING FLYBACK CONVERTER TO REDUCE OBSERVABLE OPTICAL FLICKER BY REDUCING RECTIFIED AC MAINS RIPPLE

(51) International classification	:H05B33/08	(71)Name of Applicant :
(31) Priority Document No	:1223042.1	1)ACCURIC LTD
(32) Priority Date	:20/12/2012	Address of Applicant :1 Conference Grove, Crowle, Worcester
(33) Name of priority country	:U.K.	Worcestershire WR7 4SF U.K.
(86) International Application No	:PCT/GB2013/053142	(72)Name of Inventor :
Filing Date	:27/11/2013	1)BANNISTER, Dave
(87) International Publication No	:WO 2014/096771	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application describes a driver circuit for supplying a drive current to an LED lighting scheme. In particular, the present invention relates to an AC input driver circuit operable in conjunction with a current regulator device which utilizes a plurality of Zener diodes connected in parallel combinations. The driver circuit comprises a feedback mechanism that is operable to maintain a constant voltage across the current regulator. Embodiments of the present invention seek to address LED ripple and , thus , optical flicker arising from an LED driver , connected at its input , to an AC supply.

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

(22) Date of filing of Application :03/07/2014

(21) Application No.1796/DEL/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : COMPOSITION FOR CARING FOR KERATIN FIBERS AND USE THEREOF FOR CLEANSING AND CONDITIONING THE KERATIN FIBERS

(51) International classification	:A61K8/89	(71)Name of Applicant :
(31) Priority Document No	:NA	1)L [™] OREAL
(32) Priority Date	:NA	Address of Applicant :14, rue Royale, 75008 Paris, France France
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ROY, Dhimoy
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a composition for caring for keratin fibers and use thereof for cleansing and conditioning the keratin fibers, especially the hair, which comprises : A) at least one surfactant selected from the group consisting of anionic, nonionic, amphoteric surfactant, or a mixture thereof; B) at least one cationic polymer with a charge density greater than 4 meq/g; C) at least one aminated silicone; D) at least one insoluble, non-aminated silicone; E) at least one pearlescent agent; and F) at least one oxyethylenated polymer having a molecular weight (MW) of greater or equal to 300,000.

No. of Pages : 56 No. of Claims : 15

(22) Date of filing of Application :03/11/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : CONTROL UNIT FOR OPERATING A SAFETY SYSTEM FOR A VEHICLE AND METHOD FOR OPERATING SUCH A SAFETY SYSTEM FOR A VEHICLE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:10 2010 028 556.0	1)ROBERT BOSCH GmbH
(32) Priority Date	:04/05/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(32) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/053587	
Filing Date	:10/03/2011	2)SCHUMACHER Hartmut
(87) International Publication No	:WO 2011/138074	3)LIST Carsten
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A control unit and a method for operating a safety system for a vehicle are proposed wherein an up-converter is provided which is embodied as a switch-on converter. The up-converter converts an input voltage derived from a vehicle battery voltage into a higher charge voltage at its output. Furthermore at least one energy reserve storage means is provided which is charged by means of the charge voltage for operation of the safety system in a self-sufficiency case. A charge current source which can be programmed operationally and which defines a charge current for the at least one energy reserve storage means as a function of the programming is connected between the up-converter and the at least one energy reserve storage means.

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

(22) Date of filing of Application :18/08/2015

(21) Application No.7300/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : VIBRATION DAMPER FOR CLUTCH FRICTION DISC OF A MOTOR VEHICLE

(51) International classification	:F16F15/123	(71)Name of Applicant :
(31) Priority Document No	:1351599	1)VALEO EMBRAYAGES
(32) Priority Date	:22/02/2013	Address of Applicant :81 Avenue Roger Dumoulin F 80009 Amiens
(33) Name of priority country	:France	Cedex 2 France
(86) International Application No	:PCT/FR2014/050261	(72)Name of Inventor :
Filing Date	:11/02/2014	1)LOPEZ PEREZ Carlos
(87) International Publication No	:WO 2014/128380	
(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 vibration damper for a clutch friction disc (1) including: an input element and an output element rotatably movable relative to one another about an axis of rotation X; damping means for transmitting a torque and damping the rotational deviations between the input and output elements; the input element including two flanges (12 13) fixed to one another for conjoint rotary movement arranged on either side of the damping means and thus defining a cassette for housing said damping means; the damping means comprising a resilient blade (22) fixed to one of said input and output elements for rotation therewith and provided with a cam surface (23). The damper comprises a cam follower (24) supported by the other one of said input and output elements and arranged such as to engage with said cam surface (23). The cam surface (23) is arranged such that for an angular displacement between the input element and the output element relative to an angular rest position the cam follower (24) exerts a bending force on the resilient blade (22) producing a reaction force capable of returning said input and output elements towards said angular rest position.

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

(19) INDIA

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR LEARNING CHINESE CHARACTER SCRIPT AND CHINESE CHARACTER-BASED SCRIPTS OF OTHER LANGUAGES

(51) International classification	:G06F 17/20	(71)Name of Applicant :
(31) Priority Document No	:11/443,568	1)SANET, MORTON, J.
(32) Priority Date	:31/05/2006	Address of Applicant :1150 NE 170TH STREET, NORTH MIAMI
(33) Name of priority country	:U.S.A.	BEACH, FL 33162 (US) U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANET, MORTON, J.
(87) International Publication No	:WO 2006/132888	
(61) Patent of Addition to Application Number	:9270/DELNP/2007	
Filed on	:30/11/2007	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for learning scripts of Chinese character-based languages includes forming a list of user-recognized symbols in a Chinese character-based language, each of the symbols having an associated key with a respective bridge. A complex Chinese multi-character to be learned and added to the recognized list is identified. A set of the user-recognized symbols within the multi-character is recognized. A mnemonic in a language known to the user is formed for recalling the written form of the multi-character. The mnemonic is based upon the keys and bridges associated with the recognized set of symbols within the multi-character. The mnemonic is used to remember the multi-character and, thereby, add the multi-character to the recognized list. Chinese radicals can be sources associated with icons having a logical similarity thereto. The source has the bridge in upper case and three icons use two combinations of lower/upper case and two lower case letters.

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

(22) Date of filing of Application :01/07/2014

(21) Application No.1777/DEL/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : TRICYCLIC COMPOUNDS AS ANTIBACTERIAL 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 	:C07D471/14, :NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)DAIICHI SANKYO COMPANY LIMITED Address of Applicant :3-5-1, Nihonbashi Honcho, Chuo-ku, Tokyo 103-8426, Japan. Japan (72)Name of Inventor : 1)SONI, Ajay 2)AGARWAL, Aditi 3)DESHMUKH, Sangram Shesharao
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		2)AGAKWAL, Adu 3)DESHMUKH, Sangram Shesharao 4)PURNAPATRE, Kedar Padmakar 5)MARUMOTO, Shinji
Filing Date	:NA	

(57) Abstract :

The present invention provides a tricyclic compound represented by general formula (I), a pharmaceutical salt thereof, or a stereoisomer thereof exhibits excellent antibacterial activity against Gram-negative bacteria resistant bacteria thereof, and also being excellent in terms of safety. Furthermore, the present invention provides production processes, pharmaceutical compositions comprising a tricyclic compound, a pharmaceutically acceptable salt thereof, or a stereoisomer thereof as an active ingredient and use thereof as a pharmaceutical agent. The compounds of the present invention are +useful for the treatment and/or prevention of disease such as complicated urinary tract infections (cUTIs), nosocomial pneumonia, intra-abdominal infections (IAIs) or bacteremia.

No. of Pages : 71 No. of Claims : 18

(22) Date of filing of Application :21/09/2012

(21) Application No.8305/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SURGICAL APPARATUS FOR ANEURYSMS •

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:201010116448.1	1)SHANGHAI MICROPORT MEDICAL (GROUP)CO. LTD.
(32) Priority Date	:02/03/2010	Address of Applicant :501 Newton Rd. ZJ Hi-Tech Park Pudong New
(33) Name of priority country	:China	District Shanghai 201203 China China
(86) International Application No	:PCT/CN2011/071447	(72)Name of Inventor :
Filing Date	:02/03/2011	1)JIN Qiaorong
(87) International Publication No	:WO 2011/107024	2)LI Yu
(61) Patent of Addition to Application Number	:NA	3)WANG Sen
Filing Date	:NA	4)XIE Zhiyong
(62) Divisional to Application Number	:NA	5)LUO Qiyi
Filing Date	:NA	

(57) Abstract :

A surgical apparatus for aneurysms includes a stent(1) a delivery guide wire(2) an introducer sheath(3) and a microcatheter(4). The stent(1) is a self-expanding stent; the delivery guide wire(2) outside which the stent(1) is restrained is provided in a lumen of the introducer sheath(3); the introducer sheath(3) is connected with the microcatheter(4) with lumens communicating to form a passageway through which the delivery guide wire(2) and the stent(1) are delivered into a human body. The surgical apparatus for aneurysms is able to deliver and release the stent(1) which has high density and is super soft to a vascular lesion. A lattice structure of the stent(1) is of high coverage at the vascular lesion such that the stent(1) released into the vessel produces the same effects as healing of parent vessel and thus improves the treatment of vascular aneurysms. (Fig. 1)

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

(22) Date of filing of Application :30/08/2012

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR PREPARING ALKYL 2 ALKOXYMETHYLENE 4 4 DIFLUORO 3 OXOBUTYRATES

 (51) International classification (31) Priority Document 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/EP2011/053786 :14/03/2011 :WO 2011/113789	 (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor : 1)ZUMPE Franz Linus 2)KOHLBRENNER Ralf
(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 process for preparing a compound of formula (II) wherein R1 is CF, CF2H or CFH 2, and R2 and R3 are both independently Ci-C alkyl, comprising a) reacting compounds of formula (Gn), (V) and (VI) wherein R3 is as defined for the compound of formula (II), R OM (V) wherein M is a lithium, sodium or potassium ion and R 4 is Ci-C alkyl, and (VI) wherein R1 is as defined for the compound of formula (II) and R5 is CrC6 alkyl, to form an enolate of formula (VII) wherein M is as defined for the compound of formula (VII) wherein M is as defined for the compound of formula (VII) wherein M is as defined for the compound of formula (II), b) releasing the compound of formula (VIII) wherein R1 and R3 are as defined for the compound of formula (II), from the enolate of formula (VII) by means of an acid, and c) converting the compound of formula (VIII), in the presence of the salt formed from cation M and the anion of the acid in step b), to a compound of formula (II).

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

(19) INDIA

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : STABILIZED FORMULATION FOR LUMINESCENT DETECTION OF LUCIFERASE AND NUCLEOSIDE PHOSPHATES

(51) International classification	:C12Q1/66	(71)Name of Applicant :
(31) Priority Document No	:61/767875	1)PROMEGA CORPORATION
(32) Priority Date	:22/02/2013	Address of Applicant :2800 Woods Hollow Road Madison WI 53711
(33) Name of priority country	:U.S.A.	5399 U.S.A.
(86) International Application No	:PCT/US2014/017562	(72)Name of Inventor :
Filing Date	:21/02/2014	1)VALLEY Michael P.
(87) International Publication No	:WO 2014/130760	2)CALI James J.
(61) Patent of Addition to Application Number	:NA	3)BINKOWSKI Brock
Filing Date	:NA	4)EGGERS Christopher Todd
(62) Divisional to Application Number	:NA	5)WOOD Keith V.
Filing Date	:NA	

(57) Abstract :

Methods kits and compositions containing a mixture of D luciferin and L luciferin for light generation with luciferase are disclosed that have improved stability when stored over time. The mixture of D luciferin and L luciferin can be used to detect the presence or amount of ATP or of luciferase in a sample.

No. of Pages : 44 No. of Claims : 100

(19) INDIA

(22) Date of filing of Application :02/11/2012

(21) Application No.9457/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : ARRANGEMENT AND METHOD FOR WARMING OF COOLANT WHICH CIRCULATES IN A COOLING SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:C07C :1050444-7 :04/05/2010	 (71)Name of Applicant : 1)SCANIA CV AB Address of Applicant :S-151 87 Sdertlje Sweden
(33) Name of priority country(86) International Application No	:Sweden :PCT/SE2011/050441	(72)Name of Inventor : 1)HANS WIKSTR-M
Filing Date	:12/04/2011	
(87) International Publication No	:WO 2011/139207	
(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 mangement and a method for warming of coolant in a cooling system after a vehicle has been set in motion fkom cold. The arrangement comprises a control unit (22)adapted to assessing whether the coolant in the cooling system is at a lower temperature(Tc) than an operating temperature(T) and whether the air flowing through the coolant cooler(18) is at a temperature(T1,T Aw)h ich is higher than the coolants temperature(Tc), and, if these conditions are fulfilled, the control unit (22) is adapted to placing the valve means (17) in the second position so that the coolant is led to the coolant cooler(18), in which the coolant is waxmed by the air flowing through the coolant cooler(18).

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

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

(21) Application No.7630/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : VARIABLE LENGTH BILL PATH

(51) International classification	:A47J :2,692,992	(71)Name of Applicant :
(31) Priority Document No(32) Priority Date	:11/02/2010	1)CRANE CANADA CO Address of Applicant :2720 Steeles Avenue West unit#2-3 Concord
(33) Name of priority country	:Canada	Ontario L4K 4S3 Canada Canada
(86) International Application No	:PCT/CA2011/000147	(72)Name of Inventor :
Filing Date	:10/02/2011	1)DMYTRO YERMOLENKO
(87) International Publication No	:WO/2011/097703	2)OLEXANDR ONIPCHENKO
(61) Patent of Addition to Application Number	:NA	3)PAVEL RABINOVICH
Filing Date	:NA	4)ANDRIY KYSELOV
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A variable length banknote drive path is advantageously used to provide a continuous drive path between components of an automated payment system. The banknote drive path includes at least a first inlet/outlet for receiving or outputting banknotes from the payment system and a movable second inlet/outlet for connecting with components provided along the drive path. With this arrangement the second inlet/outlet moves to provide a continuous drive path between components exchanging banknotes.

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

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : ELECTRICITY CONTROL DEVICE ELECTRICITY CONTROL METHOD AND ELECTRICITY SUPPLY SYSTEM •

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:2010-047040	1)SONY CORPORATION
(32) Priority Date	:03/03/2010	Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2011/053934	(72)Name of Inventor :
Filing Date	:23/02/2011	1)MASAYUKI YOKOYAMA
(87) International Publication No	:WO 2011/108412	2)NAOTAKA OSAWA
(61) Patent of Addition to Application Number	:NA	3)YUMIKO YAMAZAKI
Filing Date	:NA	4)SHOTARO SAITO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an electric power control apparatus, an electric power control method, and an electric power feeding system by which the maximum operating point of a generating element such as a solar battery can be controlled to be maintained, and electric power loss can be avoided. The electric power control apparatus is provided with an electric power path switch unit (32) to which a plurality of generating elements (20-1 and 20-2) can be connected, and a voltage conversion unit (31) that converts a voltage level which is generated by the generating elements and supplied via the electric power path switch unit (32). The electric power path switch unit (32) includes a first connection switching function which switches between series connected and nonconnected to an input side of the voltage conversion unit for the generating elements connected in Series or parallel.

No. of Pages : 207 No. of Claims : 92

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

(21) Application No.7634/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND ARRANGEMENT FOR MULTI-CAMERA CALIBRATION

	C01N	
(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:10305309.6	1)ALCATEL LUCENT
(32) Priority Date	:26/03/2010	Address of Applicant :3 avenue Octave Grard F-75007 Paris France
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/053483	1)AERTS Maarten
Filing Date	:08/03/2011	2)TYTGAT Donny
(87) International Publication No	:WO/2011/117069	3)MACQ Jean-Fran§ois
(61) Patent of Addition to Application Number	:NA	4)LIEVENS Sammy
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for determining calibration data for at least two cameras (camera 1, camera2) in a multi view position, includes a step of determining respective parameters ((h100,...,h122), (h200,...,h222)) for identifying at least one respective homographic transformation on respective images (image1, image2) taken by said cameras of a same scene, by performing respective geometry analyses on said respective images (image1, image2), a step of performing at least one respective combined homographic transformation/feature detection step on said respective images thereby obtaining respective sets (feature set1, feature set2) of features on respective transformed images, such that said calibration data are obtained from matches (m1,..,mk) determined between said respective sets of features.

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

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

(21) Application No.7635/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : POLYMER COMPOSITIONS COMPRISING CORE/SHELL PARTICLES

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:10157972.0	1)SOLVAY SA
(32) Priority Date	:26/03/2010	Address of Applicant :Rue de Ransbeek 310 B-1120 Brussels
(33) Name of priority country	:EPO	Belgium
(86) International Application No	:PCT/EP2011/054657	(72)Name of Inventor :
Filing Date	:25/03/2011	1)GAUTHY Fernand
(87) International Publication No	:WO/2011/117410	2)MILTNER Hans Edouard
(61) Patent of Addition to Application Number	:NA	3)TONIOLO Paolo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Polymer compositions comprising a polymer and a core/shell particle with improved properties.

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

(19) INDIA

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MANUFACTURING METHODS TO CONTROL C TERMINAL LYSINE GALACTOSE AND SIALIC ACID CONTENT IN RECOMBINANT PROTEINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N15/13 :61/791094 :15/03/2013 :U.S.A. :PCT/US2014/021574 :07/03/2014 :WO 2014/149935 :NA :NA :NA :NA	 (71)Name of Applicant : 1)JANSSEN BIOTECH INC. Address of Applicant :800/850 Ridgeview Drive Horsham PA 19044 U.S.A. 2)JANSSEN BIOLOGICS B.V. (72)Name of Inventor : 1)FLIKWEERT Marcel 2)GOOCHEE Charles 3)MASLANKA Francis 4)NAGEL Francisus Johannes Ignatius 5)RYLAND James 6)SCHAFER Eugene
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(57) Abstract :

Provided herein is a method for producing an antibody such as an anti TNFa antibody (e.g. infliximab) having a C terminal lysine content of about 20% to about 70% and a sialic acid content of about 1% to about 20% comprising culturing a zinc responsive host cell transfected with DNA encoding the antibody in a culture medium comprising at least 0.5 μ M zinc; and controlling the concentration of zinc in the culture medium thereby producing the antibody.

No. of Pages : 112 No. of Claims : 40

(22) Date of filing of Application :19/08/2015

(21) Application No.7336/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : WOUND DRESSING SEALANT AND USE THEREOF

(51) International classification (31) Priority Document No	:A61L15/42,A61L15/58 :61/800040	(71)Name of Applicant : 1)SMITH & NEPHEW PLC
(32) Priority Date	:15/03/2013	Address of Applicant :15 Adam Street London WC2N 6LA U.K.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/GB2014/050786	1)COLLINSON Sarah Jenny
Filing Date	:14/03/2014	2)HARTWELL Edward Yerbury
(87) International Publication No	:WO 2014/140608	3)PHILLIPS Marcus Damian
(61) Patent of Addition to Application Number	:NA	4)FRY Nicholas Charlton
Filing Date	:NA	5)GOWANS Philip
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments disclosed herein are directed to sealing compositions for negative pressure treatment systems and wound dressing systems devices containing the same apparatuses uses and methods for creating a main wound dressing portion for use in wound care more particularly for sealing a trimmable dressing having a main dressing portion or cell in fluid (e.g. gas) communication with additional dressing portions or cells for use in woundcare more particularly that may be used for the treatment of wounds. In particular some embodiments are directed to compositions for improving the versatility of wound dressings for wounds of different shapes or sizes.

No. of Pages : 108 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :19/08/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : RENEWABLE ENERGY SYSTEM FOR GENERATING HYDROGEN AND HYDROGEN PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C01B3/02,C01C1/00,F03D5/00 :61/776420 :11/03/2013 :U.S.A. :PCT/IB2014/000906 :05/03/2014	 (71)Name of Applicant : 1)SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant :P.O. Box 5101 Riyadh 11422 Saudi Arabia (72)Name of Inventor : 1)OCCHIELLO Ernesto
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2014/140826 :NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for generating hydrogen includes a renewable energy source for generating electrical energy and a hydrogen generation module powered at least partially by electrical energy generated by the renewable energy source. The hydrogen generation module generates hydrogen through electrolysis of water. The hydrogen may be used by a chemical generation module to form hydrogen containing chemical products such as ammonia, methanol and/or an olefin.

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

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : OPTIMIZED MONOCLONAL ANTIBODIES AGAINST TISSUE FACTOR PATHWAY INHIBITOR (TFPI) •

		(71)Name of Applicant :
		1)BAYER HEALTHCARE LLC
(51) International classification	:C12N	Address of Applicant :555 White Plains Road Tarrytown New York
(31) Priority Document No	:61/309,290	10591 USA U.S.A.
(32) Priority Date	:01/03/2010	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)PETER SCHOLZ
(86) International Application No	:PCT/US2011/026766	2)ZHUOZHI WANG
Filing Date	:01/03/2011	3)JUNLIANG PAN
(87) International Publication No	:WO/2011/109452	4)JOANNA GRUDZINSKA
(61) Patent of Addition to Application Number	:NA	5)CHRISTIAN VOTSMEIER
Filing Date	:NA	6)JAN TEBBE
(62) Divisional to Application Number	:NA	7)JOERG BIRKENFELD
Filing Date	:NA	8)NINA WOBST
-		9)SIMONE BRUECKNER
		10)SUSANNE STENIG

(57) Abstract :

Isolated monoclonal antibodies that bind human tissue factor pathway inhibitor (TFPI) are provided. Isolated nucleic acid molecules encoding monoclonal antibodies that bind TFPI are also contemplated. Pharmaceutical compositions comprising the anti-TFPI monoclonal antibodies and methods of treating deficiencies or defects in coagulation by administration of the antibodies are also provided. Methods of producing the antibodies are also provided.

No. of Pages : 102 No. of Claims : 87

(19) INDIA

(22) Date of filing of Application :02/11/2012

(54) Title of the invention : FOOD GRADE COMPRESSOR LUBRICANT

(43) Publication Date : 08/01/2016

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/323,024	1)THE LUBRIZOL CORPORATION
(32) Priority Date	:12/04/2010	Address of Applicant :29400 Lakeland Blvd. Wickliffe Ohio
(33) Name of priority country	:U.S.A.	44092-2298 U.S.A.
(86) International Application No	:PCT/US2011/031331	(72)Name of Inventor :
Filing Date	:06/04/2011	1)BRYAN W. DOLE
(87) International Publication No	:WO 2011/130068	2)JASWEEN JAGJIT
(61) Patent of Addition to Application	:NA	3)MICHAEL G. FOSTER
Number	:NA	4)KENNETH C. LILJE
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

(J) Hostiaet.
PODG GRADE COMPRESSOR LUBRICANT BACKGROL_LID OF IHE IA: VENION (0630B) The equipinent used in tile food processing industry varies by segnc1x with the leading segmerts comprising meat and poultry, beverages, snack foods, veget: bles. aimd dairy. Ville the equipinent varies from segment to segment, the moving parts such as bearings. gears, and side ilechaiisits are similar addo. Are, require lubrication. The
labricants niost officil used include kydraulic: refrigeration, compressora nd gear oils, as well as all-purpose greases. These fooel inclustry oils nust nicer more s trillgent standards of quality for hod 13rodictst, he ti,c;c? lidtstrym ust colzmply with the r le s and regulatiols set forth ilry the United States 1:-epartmelit of Agriculture
(USDA). The Food Safery Inspection Safery Inspection Safery Inspections are the GSDA is respansible for all programs involing the inspection of meat, poultry: eggs. dairy products, fruits, and vegetables. These programs are mandatory, and inspection of ficon-hod computations of meat programs involing the inspection of ficon-hod computations of meat programs involing the inspection of ficon-hod computations. These programs involing the inspection of ficon-hod computations of meat programs involing the inspection of ficon-hod computations. These programs involing the inspection of ficon-hod computations of meat programs involing the inspection of ficon-hod computations.
official list (see page 11-1, List of Proprietary Substances and Non-food Co in p u drXive ellanceous ljiblication Number 14 i 9 (1989) by the Food Safety and Inspection Service, United States Department of Agriculture) states that labricants and other substantees rilat arc susceptible to incidental food contact are considered indirect food additives under USDA regulations. Therefore, these labricants, classified as either Ti-1 or H-2, are
negated to be approved by the USDA botice being used in 600 processing plans. The non stringent classification, B.I. is for Theicana approved for incidental TiOE do active them is no possible of food contact, suscent that is how proved by the USDA botice being used in 600 processing plans. The non-stringent classification is for use where there is no possible of food contact, suscent that is how proved by the USDA botice being used in 600 processing plans. The most relation of the contact and the processing plans. The most relation of the processing plans. The processing plans. The most relation of the processing plans. The plans and plans are plans and plans are plans. The plans are plans are plans are plans. The plans are plans are plans are plans are plans are plans. The plans are plans are plans are plans are plans are plans are plans. The plans are plans. The plans are plans. The plans are plans areadowere plans are plans areadowere plans are plans are plans
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many immediates (marked) and the set of the
peoplemance addition to the second of the se
A drawhack to the food ande-labricants described in the above patents relates to availability for viscosity breadth and limited viscosity breadth and limite
resitance, and mti-wedr. with sbs/3ntia/ inprovemenins oxidation resistance, pour point, viscosity index, viscosity stability urbe; subjected to fhe therIlai 2nd nzcharicais tresses. SUMMAR Y Of-EjNVEXrtI0N [OCBId] The inventiosi relates to an improved food-grade-lubricaat useful as hydraulic oil, circulating oil, drip oil, general purpose oil, grease base oil, cable oil, chain oil, spindle oil, gear oil,
and compressor oil for equipment in the food service industry. Specifically, it rataets to a colmpositioil comyrisiig at least one food grade performance additive. [0012] The invention provides compositions that contain more than 5 percent by weight of a polyolester base fluid, at least one food grade performance additive. [0012] The invention provides compositions that contain more than 5 percent by weight of a polyolester base fluid, at least one food grade performance additive. [0012] The invention provides compositions that contain more than 5 percent by weight of a polyolester base fluid, at least one food grade performance additive. [0012] The invention provides compositions that contain more than 5 percent by weight of a polyolester base fluid.
illore food grade antioxidants aid/of ii) one or more food grade metal passivators may comprise one or Inore food grade antioxidants and (ii) one or more food grade consolicit ithbitors. The inventioil also privides compositions that contain more that 5 percent by weight of a polytolester base fluid and inferein component (c) coxmprises the colibination (ii) one or more food grade antioxidants and (ii) one or
more food grade metal deactivators and (iii) one or more food grade corrosionin hibitors. [OOII3] The inventioni function also provides a method for preparing a food-grade labeteciant composition composition at a least one of the following: a synthetic ester, a white petraleuni oil, and a severely hydrotreated perfortune oil, [b] [B] [J] The invention also provides a method for preparing a food-grade labeteciant composition (in providing at
least one polyalphale/fiba se fluid; b) providing at least one polyoloster base fluid; c) providing at least one polyalphale/fiba se fluid; b) revising a food industry mechanical device, the neth hod cohprising the steps of. Intricating the device with a colloposition coxilprising: (a) at least one polyalphale/fiba set fluid; b)
base third; and (c) at least one performanced it live. [0016] [The reveitior precisites: improved fc)ed-grade-bibl-karts through hz combinistion of 01 te ir more food grade attackitations. The combinitions on provide enhanced exilination for exilination of explaphaole, GNs attack H-1 foodgrade polyolesters, particularly view the improved labricauts also contail 1 a combination of 01 te ir more food grade instal detactions. The combinitions or a provide enhanced exilination of explaphaole, GNs attack H-1 foodgrade polyolesters, particularly view the improved labricauts also contail 1 a combination of 01 te ir more food grade instal detactions.
viscosities and are particularly useful s hydraulic oil, circulatings iI, drip oil, general purpose oil, grease base oil, cable oil, chain oil. spindle oil, general purpose oil or equipments in the food service industry. DErIAILET) PIESCKIP(OI OF THE INVEIV_TLOJ ((BO17) Various features and e1hodimer; so the invention will be described below by way of non-limiting illustration. jO0II81 By thod grade it is initiant a composition or
the state of the s
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annovami annov noso grane umer exectivismo, (based) national section (based) in the same annovation of the same an
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about 70% or 60%. In some elibodimethics polyaphaolefin is present ill the composition ill a range of from 1% to 96.59%, 94.99% or 88.99%. In some embodimetists he polyaphaolefin is present in the coluposition in a range of from 1% to 98.5%, 94.522 or 895% The Pol/wisted: kg.Flid 100241 The food-grade-labricant colupositions of the present illventic ecomposition entities are polyablester to see fluid. Polyoclastra (POE) are made by
according a poly of the second
toe bde food grade, but which might be in the future. In other words, the use of POE base; fluids that receive 1-1-1 food grade designation at some point i'r thr e htill-e are also contemplated/rnder the essrerzer invention. [0025] Properties of these FOE base fluids, such as viscosity, viscosity
monocarbox) iic acids used to prepare the fluid, add/or i9y the nanufacturing process employed. One of ordinary skill in the art may malie such lodificationass desired, depending on the end use of fkpr oduct. [k](20) The eopelptoyly hydric polyeds suitable for use ill preparing the POE base fluids are not overly limited. The neopentyl polyhydric polyeds in a have any suitable number of hydroxyl groups. It may be preferred that the neopentyl
polyhydric polyo1 has about 2 or 4 to about 12 or 8 hydroxy] groups. Commercially available polyos fiths type are, for example, ncopenty igycoi, triincthylo/propane, trimethyloiethaue, pentaerythritol, dipeitaerythritol, preferred polyos may be dipentaerythritol, not tetrapentaerythritol, tripentaerythritol, tripentaerythritol, not ettrapentaerythritol, tripentaerythritol, tripentaerythritol, not ettrapentaerythritol, tripentaerythritol, trip
The selected neopethyl polyhydric alcohol is reacted with at least one milisybe combined; it may be desirable that at least two, three, four, or five nonocrithoxyljca cids are used. Each molocarboxyljc acid may have a structure of ifferent from the other(s), differing either in type and/or number of chemical constituents that 111 alco
bennched chains versus straight chains). The nionocaeboxylic acid(s) may be straight chain (inear) or branched chain (or any combination of these). It havy be preferred that the motiocarboxylic acid(s) (branched or straight chain) contain about 20 carbon atoms, about 5 to about 10 carbon atoms. In some circumstances, shorter chain length linear carboxylic acid(s) (branched or straight chain) contain about 20 carbon atoms, about 5 to about 10 carbon atoms. In some circumstances, shorter chain length linear carboxylic acid(s) (branched or straight chain) contain about 20 carbon atoms, about 5 to about 10 carbon atoms. In some circumstances, shorter chain length linear carboxylic acid(s) (branched or straight chain) contain about 20 carbon atoms, about 5 to about 10 carbon atoms. In some circumstances, shorter chain length linear carboxylic acid(s) (branched or straight chain) contain about 20 carbon atoms, about 5 to about 10 carbon atoms. In some circumstances, shorter chain length linear carboxylic acid(s) (branched or straight chain) contain about 20 carbon atoms, about 5 to about 10 carbon atoms. In some circumstances, shorter chain length linear carboxylic acid(s) (branched or straight chain) contain about 20 carbon atoms, about 5 to about 10 carbon atoms. In some circumstances, shorter chain length linear carboxylic acid(s) (branched or straight chain) contain about 20 carbon atoms, about 5 to about 10 carbon atoms. In some circumstances, shorter chain length linear carboxylic acid(s) (branched or straight chain) contain about 20 carbon atoms, about 5 to about 10 carbon atoms. In some circumstances, shorter chain length linear carboxylic acid(s) (branched or straight chain) contain about 20 carbon atoms, about 5 to about 10 carbon atoms, about 5 to about 10 carbon atoms. In some atoms
thermal stability may decrease as carbon chain length increases, j 14025 Excluples of linear isoncarboxyliac ids. For i example, litre may increase the anhoult a formached chain nonocarboxyliac ids may also be used, either alone or in cabilil-liviokitil the linearo r straight hitter]; ronocarboxyliac ids. For i example, litre may increase the anhoult a formached chain
monocurboxylic acids to modify- (nsise) c viscosity if the end composition, i3x1 Ethed chain molocurboxylic acids that is pentancia acid (isononanoic acid). 100291 if an embodiment, the base oil is prepared from the reactiol 1 of at least one neopenyl polylydyth acids (basto methods) acid and 3,5.5 mintelly themanoic acid (isononanoic acid).
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10 curring anoshis, [pg[ss]] for Public base musk second in the compositions on a range of form into present marken musk being and the composition in a range of the composition in a range of the composition in a range of form into present in the composition in a range of form into present in the composition in a range of form into present in the composition in a range of form into present in the composition in a range of form into present in the composition in a range of form into present in the composition of range present in the composition of a range of form into present in the composition description of the present in the composition of sector (10 to 10
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the lood grade classification from the additive and/or the resulting composition. /00371 Suitable food grade EDA approved antioxidants are described
in U.S. Pat. No. 6,534,454 incomportated herein by reference (60351 In some embodiments the fooc) grade antioxidant tichudes one or Inore of: (i), Hexamethylenebis(3,5:di-tert-bury)1-4-bydro/yetrocin11a11C1AaSe, registration number 38074-77-2, available commercially fri om Cba Specialty CiclinicalC ompany; (ii) 1 N.pisylbenzenareak/injoep_r-oduces wit112,4,4-trimethylenebis(3,5:di-tert-bury)1-4-bydro/yetrocin11a11C1AaSe, registration number 38074-77-2, available commercially fri om Cba Specialty CiclinicalC ompany; (ii) 1 N.pisylbenzenareak/injoep_r-oduces wit112,4,4-trimethylenebis(3,5:di-tert-bury)1-4-bydro/yetrocin11a11C1AaSe, registration number 38074-77-2, available commercially fri om Cba Specialty CiclinicalC ompany; (ii) 1 N.pisylbenzenareak/injoep_r-oduces wit12,4,4-trimethylenebis(3,5:di-tert-bury)1-4-bydro/yetrocin11a11C1AaSe, registration number 38074-77-2, available commercially fri om Cba Specialty CiclinicalC ompany; (ii) 1 N.pisylbenzenareak/injoep_r-oduces wit12,4,4-trimethylenebis(3,5:di-tert-bury)1-4-bydro/yetrocin11a11C1AaSe, registration number 38074-77-2, available commercially fri om Cba Specialty CiclinicalC ompany; (ii) 1 N.pisylbenzenareak/injoep_r-oduces wit12,4,4-trimethylenebis(3,5:di-tert-bury)1-4-bydro/yetrocin11a11C1AaSe, registration number 38074-77-2, available commercially fri om Cba Specialty CiclinicalC ompany; (ii) 1 N.pisylbenzenareak/injoep_r-oduces wit12,4,4-trimethylenebis(3,5:di-tert-bury)1-4-bydro/yetrocin11a11C1AaSe, registration number 38074-77-2, available commercially fri om Cba Specialty Networks (States)1-4,5-trimethylenebis(3,5:di-tert-bury)1-4-bydro/yetrocin11a11C1AaSe, registration number 38074-77-2, available commercially fri om Cba Specialty Networks (States)1-4,5-trimethylenebis(3,5:di-tert-bury)1-4-bydro/yetrocin11a11C1AaSe
comm_zrcially from Cha Specialty Chzzikczl Company; (iii) Pilenyl-a-akticx phenyl-5-allthylamine(b rexal110)e h-ptenjii-ar; (11.3.3-ferta-butyl-4-liydroxyhiroit1lamate)) netlanCc; A S registration number 6683 19-8: (v) Tiloidentyknebis (3.5-di-fert-butyl-4-liydroxyhiroit12)
registration multer 4 1484-35-9/which is also listed as thiodiethyleebis(3.5.4)-terr-butyl-4-11ydroy-hyclro-cit Inluna 2e1 C.F.R. ij 178.3570; (vi) Butylatedlydroxy-nisc-> BBHA), (viii) Bio(4-(1.2,3-3-citramethylbutyl)fiberyljaniic, available commercially from Cha Specialty Chemical Company; and (to:> Benzerepropanoic acid, 3.5-bis(11-dimethylethyl)-4-bydroxy-, thiod-2, 1-ethancdyl ester,
available combineriality from Cha Specialty Chemical Company. 100491 Tit: antioxidants may be present in the composition from 0.01% to 6/W to 4%. 3% -1% or even 0.50, The additive may be present in the composition at 196, 0.56, or less. These various ranges are typically applied to all of the antioxidarity present in the origonation. However ill some enhodiments these ranges may
also be applied to individual antioxidants, so long as tile food grade iminatious are take 11 into account. (DD40) The metal passivators suitable for use in the present invention are not overly limited arid may include both incrual deactivators and consosioli inhibitors, 1-isoverer in some embodiments the additives must be food grade initiatious are take 11 into account.
resulting composition 100411 Stillable inceald excitoators include trainoles or rabstituted trainoles. For catapte 4270-86-711, told commercially by Cha-Geigy uilder
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unnox styrees, reace want in transprant (21-22-14) primary analyses, As regulation names to 36-69-07, (ii) Doce-mark real, response to 16-69-07, (iii) Doc
the construction of the metal passivators may be present in the comparison of the construction of the cons
hibbor as i ldor inetal deactivators, to 70mg as the foigl rade limitations are taken i into account. The ranges above may also be applied to be colobined total of 211 zrosioni hibbitors, and descrive-linus and amfoxidants present in the overall composition. [Q0-JIS] The compositions described herein may also include one or more additival performative additives. Suitable additives include antivear inhibitors, nust/corosion inhibitors and/or
metal deactivators (other than tl-iosic described above), pour point depressants, viscosity inprovers, tackifiers, extreme pressure (EP) additives, friction nocliffers, foam inhibitors, EP additives, friction nocliffers, foam inhibitors, EP additives, and friction nocliffers, foam inhibitors, EV additives, and triction nodiffers are available off thze shelf from a variety of veldors
and manufacturers. Sonie of these additives can perform inore than one task and any may be utilized in tile present invention, as long as they are food grade product that can provide anti-wear; EP, reduced friction and corrosion inbbiffon is phosphorus alline salt such as Irgalube 349, which is coll Irneerciz2Jy available from Chu-Geigy. Another food grade product that can provide anti-wear; EP, reduced friction and corrosion inbbiffon is phosphorus alline salt such as Irgalube 349, which is coll Irneerciz2Jy available from Chu-Geigy. Another food grade product that can provide anti-wear; EP, reduced friction and corrosion inbbiffon is phosphorus alline salt such as Irgalube 349, which is coll Irneerciz2Jy available from Chu-Geigy. Another food grade product that can provide anti-wear; EP, reduced friction and corrosion inbbiffon is phosphorus alline salt such as Irgalube 349, which is coll Irneerciz2Jy available from Chu-Geigy. Another food grade product that can provide anti-wear; EP, reduced friction and corrosion inbbiffon is phosphorus alline salt such as Irgalube 349, which is coll Irneerciz2Jy available from Chu-Geigy. Another food grade product that can provide anti-wear; EP, reduced friction and corrosion inbbiffon is phosphorus alline salt such as Irgalube 349, which is coll Irneerciz2Jy available from Chu-Geigy. Another food grade product that can provide anti-wear; EP, reduced friction and corrosion inbbiffon is phosphorus as in the salt such as Irgalube 349, which is coll Irneerciz2Jy available from Chu-Geigy. Another food grade product that can provide anti-wear; EP, reduced friction and corresion as Irreduced friction and corresion as Irreduced as Irreduced friction and corresion as Irreduced as Irreduced friction and corresion as Irreduced
as is triphenyi phophothinate (TPYT), which is commercially available from Chie-Geigy under the trade name legabote TPPT. The anti-wear hibbitors, EP, and friction modilies are typically about 0.1% to about 4% of the coxpositionzt and may be used separately or it combination. [us471 In some ellibodiments the composition further includes an additive from the group comprising: viscosity modifiers-tilchding, but ist limited to etlylenc
vinyl acetate, polybatarces, p
and improves tiic viscosity and viscosity index of the lubl-icani. Some applications and environmental conditions may require an addition all tacky sliftSeen ii rt - 1 thair protects equipment A orn example
of a food grade milleria it like can be used in this invention is Functional V-584 a Fatural liabber viscosity modifier tackfiler, which is available from Functional Product, viscosity modifier, pour polit depressant, and friction modifier to han Inolex. Chemical Co. Philadeiphia, Pa. 100491 Other food grade eals and/or components may be add
added to the corponation in the many of hours (1 to about 30%). These food grade disk objects perturbation and sensitive for a grade disk object and in the sensitive of hours and and added to the compositive and added to the compositive and added and added
net unate States Seguriment or Agriculture. It is uttrassion frame the 4-ideogramme custor-canton in containing and custors (cistor). If condopositions described herein may be prepared to ytenaning the various components significant and the interview behavior in the previous component is a prioritary in the various component is a prioritary interview as a labeled and the interview behavior to be used in an any second to be used in any second
a more sum in use soon serves a more sum equire () serves of a construction of the serves in a serves a construction of the serves a
presented by the filter samples, which sets forth particularly advaluageous embodimentations. While the examples are projected to init 1. Lines are not one of advalues and reads (in just not one), (in just not one) are not initial are many and initial scenarios and reads (in just not one). The of advalues are not one
an antioxidant additive package and a metal vassivator package. The additive package contains (i) N-phenyl-ar-(1,1,3,3-tetramethylbity1)-haphthalenan2ine? (ii) N-phenyl-barcontains (iii) 1-6 hexamethylbit(3-5-di-tetr-buryl-4-fydoyllydreinanyhaetree) the antioxidants are present in the package at weight ratios of 2.5.2.5.1 respectively. The metal passivator package contains Neo-
FarThS, a fatty acid corrosion inhibitor, and Irg/ixt.39, a benzotriazole metal deactivator, in a weight ratio of 2.S.1 respectively. [06)57] The resulting blend contains O/O food grade polyolester, 98.7% polyaphaolefil. 2.2% of the artivixialit additive package, and 0.07% of the metal passivator package. The resulting blend has a kinematic viscosity at 4047 of 32 est. Example 2. 100581 A food grade luhricialst prepared by blending a food grade
polycjester base fluid and a blend of two polyalplaolefin base fluids, IAO-8 and PAO-6 where the weight ratio of the polyalplaolefin base fluids in the blend is 1.2:1 respectively. An anric/xidant additive package is acided to the bleid. The antioxic lant package contains equal parts on a weight 1 basis of (i) X-phenyl-ar-(1, 1, 2, 3)-tetrathethylEI1; d L -naphthaienanine, (ii) bi(4 j L i 3.7-tetramethylbuyljbeny)] amine, (iii) bi(4 j L i 3.7-tetramethylbuyljbe
action products with 2,4.4- tritteethylpentene, (iiv) 1,6 hexamethy Large(3,5-di-ten-bui y)4-hyldwy]tydrociliaanmadt e(y) benzenepropanoic acid. 3 S-bic (i, i- dimeth ylethyl).4-llydroxy-, thiodi2,1-ethar.edyl es ter 100991 The resulting blend conditis 1096 food gr d epa lyolester, 87.5% of the polyalphaolefin blend and 2.5% of the ailloxidant additive package (such that each anisotidant is present at 0,50%). The resulting blend
has a kinematic viscosity at 40° of 39 cS1E-x anale 3, [BJ(CBS)A, for domas at bothom for two polyaphabchelib as en fluids in the base is a 31 respectively. The antioxidant additive package elsevible in Comparative Example 2 is added to the bbothom. A metal passivator additive package is a loss
added to the blend. The metal passivator package contains hose-FatTM, a faity acid corrosioni hibitor, and figurateTh1-39, a bencontrazole metal deactivator, in a weight ratio of 2.51 respectively. (10048) The resulting blend contains 25% food grade polyolester 72-43% of the palyalyhaolefin blend, 22% of the antioxidant additive package (control hibitor, and figurateTh1-39, a bencontrazole metal deactivator, in a weight ratio of 2.51 respectively. (10048) The resulting blend contains 25% food grade polyolester 72-43% of the palyalyhaolefin blend, 22% of the antioxidant additive package (control hibitor, and figurateTh1-39, a bencontrazole metal deactivator, in a weight ratio of 2.51 respectively. (10048) The resulting blend contains 25% food grade polyolester 72-43% of the palyalyhaolefin blend, 22% of the antioxidant is present at 0.50%) and 0.07% of the result acivator additive package. The
resulting bases have much viewed by 40°C of 46 (5). Example 4,
40 C 01 59 C 100051 Eact o tute champers ites in a noncommension pression general international science or noncommension general international
manafestime and an example is an immacanity of additional pressure and an example is an immacanity of additional pressure and an example is an immacanity of additional pressure and an example is an immacanity of additional pressure and an example is an immacanity of additional pressure and an example is an immacanity of additional pressure and
prescut Irtention privide significantly improved labricant performance as demonstrated by the extended usable gervice live (time of use before 1733 hours of testing and exceed a TAN of 2.0
hzfore 2308 hours of testing). Exainple I shows that a blend of PA0 and a food grade polyol ester with an additional additive package that colonbilities antioxidants and metal passivators provides a significant inproveliellt in performance coinpared to Example 1, and ever] conlaredto
Example 2, Example 4, tvil:fils prepared using the same procedure and amounts of haldrials as Example 3, also slows this significant improvement, compared to Example 2 (the sample exceeds a TAN of 1.0 ther 4854 Llours of testing). The results also show that Example 3 and 4 had very similar performance up until the test for 1 2 - 9 - 1 1.31 / 2003
1 fcl01a 2399 f = 1.562378 j 196/0 25.6, T1T O P P E D + 1385004.5
both had TAN values of about 0.4. [06)(96) The performancies of the labriciants in ye be valuated by comparing the amount of test time that passes until the TAN of the labriciant seceeds 2.0, [0067] Each of 111e doc um cat referred to above is incorporated herein by reicreizee. Except in the
Exaliples, or where otherwise explicitly indicated, all numerical quantities in this description specifying amounts of materials, reaction conditions, molecular weights, number of carbon atoins, and the lke, are to be understejoid as foldièedy drae word about. liness otherwise indicated, all prevents values, pen values and parts values are on a weight basis. Unless otherwise indicated, each clebular of composition referred to herein should be
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in the overall composition from 0.01 to 6 percent by weight, 11. The composition of ciair13 wherein composition of ciair13 whereil the composition of ciair13 wherein the composition of ciair1
further comprises at least one food grade oil comprising at least one of the folloviliga x ynitherie ester, a white petroleuni oil, 11 A method for preparing 3 food grade-lubricatio inposition comprising the steps of a) providing at least one polyalphane/thin base fluid; b) providing at least one polyalphane/thin base fluid; b) providing at least one performance adeltive; and, d) bleidlingth e components to form
the composition. 14, A method for brivatia [gfo od industry alechanical device, the method comprise; at least one polyabphaolefin base fluid; (b) at least o
a white pertoricual oil, and a severely hydro-treated petroleam oil.

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

(22) Date of filing of Application :02/11/2012

(21) Application No.9461/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SELF PUMPING OIL FILM BEARING •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Event 	:07/04/2011 :WO 2011/139471 :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS INDUSTRY INC. Address of Applicant :3333 Old Milton Parkway Alpharetta Georgia 30005-4437 U.S.A. (72)Name of Inventor : 1)THOMAS C. WOJTKOWSKI JR. 2)PETER N. OSGOOD
Filing Date	:NA	

(57) Abstract :

A system is disclosed for use in a rolling mill oil film bearing (10) to remove a laminar flow of oil exiting tangentially from between a rotating sleeve (12) and a fixed bushing (18) surrounding the sleeve (12). The system comprises confimement surfaces cooperating with the sleeve (12) and the bushing (18) to define an annular chamber (40a) arranged to receive the exiting laminar flow of oil. Impellers (42) project into the chamber (40a) and are rotatable with and at the velocity of the sleeve (12) to thereby propel the oil around the annular chamber (40a). An outlet (44) communicates tangentially with the annular chamber (40a) for removing oil being propelled around the chamber (40a) by the rotation of the impellers (42). The size of the outlet (44) in relation to the volume of oil received in the annular chamber (40a) is such that the chamber (40a) remains filled with oil during steady state operation of the bearing (10).

No. of Pages : 18 No. of Claims : 13

(22) Date of filing of Application :02/11/2012

(21) Application No.9462/DELNP/2012 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : IMMEDIATE RELEASE FORMULATIONS AND DOSAGE FORMS OF GAMMA-HYDROXYBUTYRATE •

Filing Date :04/05/20	 (71)Name of Applicant : ()JAZZ PHARMACEUTICALS INC. Address of Applicant :3180 Porter Drive Palo Alto California 94304 U.S.A. ()Z010 ()MAURA PATRICIA MURPHY ()JAMES FREDERICK PFEIFFER ()CLARK PATRICK ALLPHIN ()ALYA KHAN MCGINLAY ()ANDREA MARIE ROURKE
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(57) Abstract :

The present invention provides a solid immediate release dosage form adapted for oral administration of GHB. The 0 solid immediate release dosage form includes an immediate release formulation comprising a relatively high weight-percentage of GHB with a bioavailability similar to that of a liquid GHB dosage form.

No. of Pages : 43 No. of Claims : 51

(22) Date of filing of Application :19/08/2015

(21) Application No.7319/DELNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : INVENTORY SYSTEM WITH CONNECTABLE INVENTORY HOLDERS

	COSD15/00 COSD10/00	
(51) International classification	:G05B15/00,G05B19/00	(71)Name of Applicant :
(31) Priority Document No	:13/751635	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:28/01/2013	Address of Applicant :1200 12th Avenue South Seattle WA 98144
(33) Name of priority country	:U.S.A.	2734 U.S.A.
(86) International Application No	:PCT/US2014/012948	(72)Name of Inventor :
Filing Date	:24/01/2014	1)WORSLEY Timothy Craig
(87) International Publication No	:WO 2014/116947	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system includes a first mobile drive unit and a second mobile drive unit. The first mobile drive unit is operable to dock with a first item holder at a first end of a column of connected item holders. The second mobile drive unit is operable to dock with a second item holder at a second end of the column of connected item holders. The system also includes a management module that is operable to instruct the first mobile drive unit and the second mobile drive units to transport the column of connected item holders.

No. of Pages : 92 No. of Claims : 15

(22) Date of filing of Application :02/07/2014

(21) Application No.2147/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SECURITY SYSTEM

(51) International classification	:G08B25/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VAIBHAV DASHRATHBHAI PATEL
(32) Priority Date	:NA	Address of Applicant :2-MAHASHAKTI SOCIETY, RAM
(33) Name of priority country	:NA	TALAVDI, MISSION ROAD, BEHIND JILLA PANCHAYAT
(86) International Application No	:NA	QUATARS, NADIAD-387002, GUJARAT, INDIA. Gujarat India
Filing Date	:NA	2)NANDAN KIRANBHAI SHAH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VAIBHAV DASHRATHBHAI PATEL
Filing Date	:NA	2)NANDAN KIRANBHAI SHAH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a security system. This security system contains multiple cylindrical overlapped slider keys and multiple cylindrical overlapped lock ports with mechanical password pattern matching system. The lock opening process occurs in multiple. The lock opens by inserting cylindrical keys one by one in lock port. By inserting keys one by one, one key got fixed in lock port if the mechanical password pattern matches with the mechanical password pattern of its according lock port. After fixing the key rotate the key to open the lock. Then inserts the remaining cylindrical keys in remaining lock port and rotate it to open the locking mechanism.

No. of Pages : 28 No. of Claims : 7

(22) Date of filing of Application :02/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : PASTE PRINTING INK VACUUM TIGHT PACKED IN A FLEXIBLE AND IMPERVIOUS MATERIAL POUCH AND METHOD OF VACUUM TIGHT PACKING THE INK IN THE POUCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	B32B27/10 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Sakata Inx India Limited Address of Applicant :Dani Corporate Park, 158, CST Road, Kalina, Santacruz(E), Mumbai 400098, Maharashtra, India Maharashtra India (72)Name of Inventor : 1)Seth Vijay Kumar 2)Prasad Ravishankar
(87) International Publication No	: NA	3)Verma Ravikant
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Paste printing ink vacuum tight packed in a flexible and impervious material pouch and method of vacuum tight packing the ink in the pouch The pouch (1) is made of a flexible and impervious laminate consisting of a printable polymer outer layer having a thickness of 2- 20 μ , a mechanically strong polymer intermediate barrier layer having a thickness of 10 25 μ and a sealable polymer inner layer having a thickness of 10 200 μ . The pouch has a storage space to contain 1 5 kg of the paste printing ink having viscosity of 150 500 poise. The paste printing ink is vacuum tight packed in a pouch by folding the laminate into two parts inner-to-inner and sealing the two parts together at the inner edges thereof to form a pouch with a storage space (6) for the paste printing ink and an opening (5) for introducing the paste printing ink into the pouch, introducing the paste printing ink into the pouch through the opening in the pouch, flushing the pouch with an inert atmosphere through the opening, evacuating the pouch through the opening and vacuum tight sealing the opening (Fig 8).

No. of Pages : 31 No. of Claims : 37

(22) Date of filing of Application :02/07/2014

(21) Application No.2149/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : DEVICE FOR MOUNTING AN ENGINE ON A TWO WHEELED VEHICLE

(51) International classification	:B62J27/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA TWO WHEELERS LIMITED
(32) Priority Date	:NA	Address of Applicant :D1 Block, Plot No. 18/2 (Part), MIDC,
(33) Name of priority country	:NA	Chinchwad, Pune - 411019, Maharashtra, India Maharashtra India
(86) International Application No	:PCT// /	(72)Name of Inventor :
Filing Date	:01/01/1900	1)AGASHE UMESH PADMAKAR
(87) International Publication No	: NA	2)GADEKAR SURAJ CHANGDEO
(61) Patent of Addition to Application Number	:NA	3)LAKHE GAURAV HARI
Filing Date	:NA	4)PRABHUNE HEMANT NARAYAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure disclosure discloses a device for mounting an engine on a vehicle. The device comprises a first arm, a second arm and a third arm. The first arm is connected to the engine. The second arm is coupled to a first end portion of the first arm. The third arm is coupled to a second end portion of the first arm. Each of the second arm and the third arm accommodates a silent block. Each silent block receives a connector that connects vehicle chassis to an engine hanger which is further connected to the engine. At least one of the second arm and the third arm is configured with a stopper arm for receiving at least one vibration absorbing element. Fig.4

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

(22) Date of filing of Application :06/02/2015

(21) Application No.279/MUMNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF SITAGLIPTIN AND INTERMEDIATE COMPOUNDS

(51) International classification	:C07D487/04	(71)Name of Applicant :
(31) Priority Document No	:2278/MUM/2012	1)CIPLA LIMITED
(32) Priority Date	:08/08/2012	Address of Applicant :Cipla House Peninsula Business Park
(33) Name of priority country	:India	Ganpatrao Kadam Marg. Lower parel Mumbai 400 013 Maharashtra
(86) International Application No	:PCT/GB2013/000338	India
Filing Date	:08/08/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/023930	1)RAO Dharmaraj Ramachandra
(61) Patent of Addition to Application Number	:NA	2)KANKAN Rajendra Narayanrao
Filing Date	:NA	3)GHAGARE Maruti
(62) Divisional to Application Number	:NA	4)KADAM Swati Atul
Filing Date	:NA	

(57) Abstract :

There is provided a process for the preparation of sitagliptin or a pharmaceutically acceptable salt thereof and a process for the preparation of intermediate compounds useful in the preparation of sitagliptin. In particular there is provided a process comprising condensing 3 tert butoxycarbonylamino 4 (2 4 5 trifluorophenyl) butyric acid of formula (II) with 3 (trifluoromethyl) 5 6 7 8 tetrahydro [1 2 4]triazolo[4 3 a] pyrazine of formula (III) or a salt thereof in presence of a catalyst to obtain (R) tert butyl 4 oxo 4 (3 (trifluoromethyl) 5 6 dihydro [1 2 4] triazolo[4 3 a] pyrazine 7(8H) yl) 1 (2 4 5 trifluorophenyl)butan 2 yl carbamate of formula (IV) or a pharmaceutically acceptable salt thereof. The catalyst is represented by the compound of formula (V). Compound of formula (IV) or its pharmaceutically acceptable salt obtained may be deprotected to obtain a compound of formula (I).

No. of Pages : 28 No. of Claims : 29

(22) Date of filing of Application :01/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : CONTACT HOLDER ASSEMBLY FOR A MEDIUM, HIGH OR ULTRA HIGH VOLTAGE ELECTRIC LINE

(31) Priority Document No :NA	 (71)Name of Applicant : 1)ALSTOM Technology Ltd. Address of Applicant (Prover Stresse 7, 5400 PADEN)
(32) Priority Date:NA(33) Name of priority country:NA	Address of Applicant :Brown Boveri Strasse 7, 5400 BADEN, SWITZERLAND. Switzerland
(86) International Application No :PCT// Filing Date :01/01/1900	(72)Name of Inventor :
Filing Date :01/01/1900 (87) International Publication No : NA	1)MORO, Antonio 2)VENKATESAN, Balaji
(61) Patent of Addition to Application Number :NA	
Filing Date :NA (62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The invention concerns a contact holder assembly (1) comprising two planar contacts (4, 6) facing each other, wherein the planar contacts (4, 6) are configured to be electrically connected to a male portion (100) inserted between the planar contacts (4, 6). The contact holder assembly (1) also comprises two support portions (2, 3) facing each other and bearing the planar contacts (4, 6). Screws (41, 61) and nuts (45, 65) fasten the planar contacts (4, 6) to the support portions (2, 3). The planar contacts (4, 6) extend each until a second end (42, 62) which is a free end, so that there is a gap between the support portions (2, 3) and the second ends (42, 62). Figure 1 is the representative figure.

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

(22) Date of filing of Application :01/07/2014

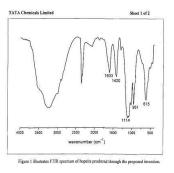
(21) Application No.2135/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD FOR PREPARING HOPEITE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	: G01N21/65 :NA :NA :NA :NA :NA : NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, MUMBAI - 400001 Maharashtra India (72)Name of Inventor : 1)GOLE, ANAND 2)KOKATE, MANGESH 3)AHER, PRADNYA
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	4)BHOITE, SUJEET

(57) Abstract :

The disclosure relates to a process for preparing hopeite by chemical route. The process includes preparing a solution of zinc precursor in orthophosphoric acid to obtain the first solution, optionally adding the sulfuric acid to the first solution. The alkali is added to neutralize the first solution and to obtain the precipitate of hopeite. The hopeite thus precipitated then separated from the supernatant, dried and optionally grounded to obtain the fine powder of hopeite.



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

(22) Date of filing of Application :01/07/2014

(21) Application No.2137/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : Method and system for protecting transformers from internal fire

(51) International classification:H01F2 A62C3/(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:PCT// Filing Date(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:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NAFiling Date:NA	Address of Applicant :23, Priyanka park, Tidke Nagar, Untwadi, Nasik, Maharashtra 422002, India. Maharashtra India (72) Name of Inventor : 1) Shrikant Balkrishna Potnis
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(57) Abstract :

A system and method for preventing a transformer from catching the fire due to internal faults is provided. The system includes a first set of sensors, a timer connected to the first set of sensors, a first breaker, a set of relays and a controller. The first set of sensors is configured to sense the generation of arc. As soon as the arc is detected, incoming supply to the transformer is isolated and the timer is triggered for a pre-determined time to measure the duration for which the faulty condition is persisting in the transformer. This faulty condition will be sensed through the set of relays. When such an abnormal condition persists for a duration set on the trigger of the system, beyond which the controller issues a signal to isolate the power supply. A method of using the system for preventing fire due to internal faults is also disclosed.

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

(22) Date of filing of Application :10/02/2015

(21) Application No.300/MUMNP/2015 A

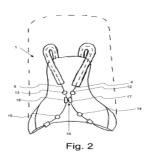
(43) Publication Date : 08/01/2016

(54) Title of the invention : CARRYING 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 	:A45F3/04,A45F3/12,A45F3/14 :12508248 :12/07/2012 :Sweden :PCT/EP2013/064731 :11/07/2013 :WO 2014/009492 :NA :NA :NA	 (71)Name of Applicant : 1)COXA CARRY AB Address of Applicant :Vallgatan 13 S 296 31hus Sweden (72)Name of Inventor : 1)BERGKVIST Claes
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(57) Abstract :

A carrying system (1) comprising a load receptive unit (2) for at least partly covering the back of a user a first carrying strap (4) extending between a first position of an upper section (7a) of said load receptive unit (2) and a first position of a lower section (8a) of said load receptive unit (2) a second carrying strap (5) extending between a second position of an upper section (7b) of said load receptive unit (2) and a second position of a lower section (8b) of said load receptive unit (2) and a connecting device (16). The connecting device (16) comprises a first portion (17) arranged on the first carrying strap (4) and a second portion (18) arranged on the second carrying strap (5) and releasably attachable to the first portion (17) wherein the first portion (17) and the second portion (18) of the connecting device (16) are displaceably arranged along the extension of the first and second carrying strap (4 5). Also a backpack and a tool belt comprising the carrying system and a method for attaching the carrying system is provided.



No. of Pages : 26 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :03/07/2014

(21) Application No.2152/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : FALL PREVENTION AP	PARATUS	
(51) International classification	: B66B7/02, B66B5/00	 (71)Name of Applicant : 1)Ingole Vijay Tulshiram Address of Applicant :104 Ganediwal layout, camp, Amravati-444602
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	2)Ingole Indira Vijay
(33) Name of priority country	:NA	3)Ingole Ashutosh Vijay
(86) International Application No	:PCT//	4)Ingole Paritosh Vijay
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)Ingole Vijay Tulshiram
(61) Patent of Addition to Application Number	:NA	2)Ingole Indira Vijay
Filing Date	:NA	3)Ingole Ashutosh Vijay
(62) Divisional to Application Number	:NA	4)Ingole Paritosh Vijay
Filing Date	:NA	

(57) Abstract :

Primary objective of the present invention was conceived after noting number of cases of accidental fall in bathrooms presumably due to wet, slippery floor however after investigation it was noticed that while changing the under garment one stands on one leg and maneuvers to put in other leg when both hands are busy in holding the garment creates a vulnerable unbalance posture leading to fall many times fatal. As reported such fall results in serious injuries like bone fracture especially femur, traumatic shock, and unconsciousness and may be even fatal. In the present fall prevention apparatus invention will avert such situation and save not only precious lives but also avoid costly hospitalization. The said apparatus occupies small space, easy to install in most of the bathrooms, safer to use and cost effective further the body is secured safely and comfortably without hassle and efforts throughout when the users body posture shifts from sitting to standing and bending and vice the versa. Following invention is described in detail with the help of figure 1 and figure 2 of sheet 1 showing side view and front view of the apparatus.

No. of Pages : 13 No. of Claims : 8

(22) Date of filing of Application :06/02/2015

(21) Application No.277/MUMNP/2015 A

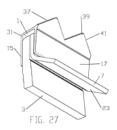
(43) Publication Date : 08/01/2016

(54) Title of the invention : RADOME ATTACHMENT BAND CLAMP

(51) International classification	:H01Q1/42,H01Q1/12,H01Q15/14	(71)Name of Applicant :
(31) Priority Document No	:13/600544	1)ANDREW LLC
(32) Priority Date	:31/08/2012	Address of Applicant :1100 CommScope Place SE Hickory North
(33) Name of priority country	:U.S.A.	Carolina 28602 U.S.A.
(86) International Application No	:PCT/US2013/040130	(72)Name of Inventor :
Filing Date	:08/05/2013	1)HILLS Chris
(87) International Publication No	:WO 2014/035493	2)WRIGHT Alastair
(61) Patent of Addition to Application	' :NA	3)RENILSON Ian
Number	:NA :NA	
Filing Date		
(62) Divisional to Application Number :NA		
Filing Date	:NA	

(57) Abstract :

A band clamp for coupling a radome to a distal end of a reflector dish for improving the front to back ratio of a reflector antenna is provided with an inward projecting proximal lip and an inward projecting distal lip. The distal lip is dimensioned with an inner diameter equal to or less than a reflector aperture of the reflector dish. The proximal lip may be provided with an inward bias dimensioned to engage the reflector dish in an interference fit and/or turnback region dimensioned to engage an outer surface of a signal area of the reflector dish in an interference fit. A variety of different configurations of protruding portions extending from the band clamp may be applied to further improve electrical performance.



No. of Pages : 51 No. of Claims : 20

(22) Date of filing of Application :09/02/2015

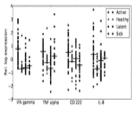
(43) Publication Date : 08/01/2016

(54) Title of the invention : BIOMARKERS FOR DIAGNOSING AND/OR MONITORING TUBERCULOSIS

(51) International classification	:G01N33/569	(71)Name of Applicant :
(31) Priority Document No	:1213567.9	1)PROTEINLOGIC LIMITED
(32) Priority Date	:31/07/2012	Address of Applicant :Shakespeare House 42 Newmarket Street
(33) Name of priority country	:U.K.	Cambridge Cambridgeshire CB5 8EP U.K.
(86) International Application No	:PCT/GB2013/052055	(72)Name of Inventor :
Filing Date	:31/07/2013	1)CUNNINGHAM Jane
(87) International Publication No	:WO 2014/020343	2)BETZ Alexander
(61) Patent of Addition to Application Number	:NA	3)STEGLE Oliver
Filing Date	:NA	4)LILVANI Ajit
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to biomarkers for diagnosingand/or monitoring tuberculosisin both immunocompetent and immunocompromised individuals monitoring the responses of individuals to anti mycobacterial chemotherapy monitoring the progression of latent tuberculosis to active tuberculosis differentiatingactive tuberculosis from latent tuberculosis and from other clinical conditions that mimic tuberculosis (TB). The invention also relates to methods fordiagnosing treatingand monitoring tuberculosis using said biomarkers. The above pertain in all aspects both to pulmonary and extrapulmonary Mycobacterium. tuberculosisinfections with Mycobacterium. tuberculosisbeing the causative organism in tuberculosis.





No. of Pages : 73 No. of Claims : 33

(22) Date of filing of Application :11/02/2015

(21) Application No.311/MUMNP/2015 A

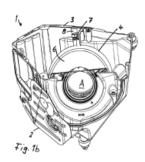
(43) Publication Date : 08/01/2016

(54) Title of the invention : FILTER DEVICE IN PARTICULAR FOR GAS FILTRATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B01D46/00,B01D46/24 :202012012669.5 :22/08/2012 :Germany :PCT/EP2013/067424 :22/08/2013	 (71)Name of Applicant : 1)MANN+HUMMEL GMBH Address of Applicant :Hindenburgstr. 45 71638 Ludwigsburg Germany Germany (72)Name of Inventor : 1)WALTENBERG Klaus
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2014/029829 :NA :NA :NA	2)SCHMID Daniel 3)Straenberger Norbert 4)KROHLOW Matthias
Filing Date	:NA	

(57) Abstract :

The invention relates to a filter device comprising a filter housing that accommodates a filter element and can be closed by a housing cover. A holding part is arranged on the filter element and a counter holding part on the housing cover is associated with said holding part. Furthermore a form fit part having an axial distance to the holding part is disposed on the filter element and a counter form fit part on the side of the housing or housing cover is associated to said form fit part.



No. of Pages : 18 No. of Claims : 11

(22) Date of filing of Application :05/07/2014

(21) Application No.2187/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : TREATMENT OF DEACTIVATED IONIC LIQUIDS

(51) International classification	: B01J38/60.	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED
(51) International classification	B01J38/00, B01J31/40	Address of Applicant :3rd Floor, Maker Chamber-IV, 222, Nariman
(31) Priority Document No		Point, Mumbai-400021, Maharashtra, India. Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)ADURI PAVANKUMAR
(86) International Application No	:NA	2)SAKHALKAR MANGESH
Filing Date	:NA	3)UPPARA PARASUVEERA
(87) International Publication No	: NA	4)RAJE VIVEK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a process for recovering a cationic component and an anionic component from deactivated ionic liquids. The process includes reacting the deactivated ionic liquid with magnesium chloride in the presence of at least one base to precipitate the anionic component; thereby freeing the anionic as well as cationic component of the deactivating components. The anionic precipitate and the cationic component are subsequently recovered and reused for different applications. The ionic liquid can be reconstituted from the cationic component and another anionic component for use as a fresh ionic liquid.

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

(22) Date of filing of Application :05/07/2014

(21) Application No.2188/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : REGENERATION OF DEACTIVATED IONIC LIQUIDS

	·B01138/60	(71)Name of Applicant :
(51) International classification	B01J31/40	1)RELIANCE INDUSTRIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :3rd Floor, Maker Chamber-IV, 222, Nariman
(32) Priority Date	:NA	Point, Mumbai-400021, Maharashtra, India. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAJE VIVEK
Filing Date	:NA	2)UPPARA PARASUVEERA
(87) International Publication No	: NA	3)ADURI PAVANKUMAR
(61) Patent of Addition to Application Number	:NA	4)DUKHANDE VIBHUTI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a process for recovering a cationic component and an anionic component from an ionic liquid deactivated by at least one deactivating agent. The process includes reacting the deactivated ionic liquid with tetraethoxysilane to convert the anionic component of the ionic liquid into the form of a gel; thereby freeing the anionic component of the deactivating agent(s). The cationic component of the ionic liquid is also subsequently freed from the deactivating agent(s) and recovered for further combining with an anionic component for reuse. The gellified-anionic component may also be is used for various applications such as a catalyst or as a filler.

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

(19) INDIA

(22) Date of filing of Application :06/02/2015

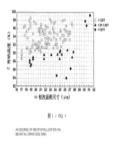
(43) Publication Date : 08/01/2016

(54) Title of the invention : HIGH MAGNETIC INDUCTION ORIENTED SILICON STEEL AND MANUFACTURING 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 	:NA :NA	 (71)Name of Applicant : 1)BAOSHAN IRON & STEEL CO. LTD. Address of Applicant :885 Fujin Road Baoshan District Shanghai 201900 China (72)Name of Inventor : 1)ZHANG Huabing 2)LI Guobao 3)LU Xijiang 4)YANG Yongjie 5)HU Zhuochao 6)SHEN Kanyi 7)GAO Jiaqiang 8)WU Meihong
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(57) Abstract :

A high magnetic induction oriented silicon steel and a manufacturing method thereof. The oriented silicon steel comprises chemical elements in weight percent 0.035 0.120% of C 2.9 4.5% of Si 0.05 0.20% of Mn 0.005 0.050% of P 0.005 0.012% of S 0.015 0.035% of Als 0.001 0.010% of N 0.05 0.30% of Cr 0.005 0.090% of Sn less than or equal to 0.0100% of V less than or equal to 0.0100% of Ti at least one of trace elements Sb Bi Ni and Mo and the balance Fe and other inevitable impurities. Sb+Bi+Nb+Mo is 0.0015 0.0250% and (Sb/121.8+Bi/209.0+Nb/92.9+Mo/95.9)/(Ti/47.9+V/50.9) ranges from 0.1 to 15.



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

(19) INDIA

(22) Date of filing of Application :11/02/2015

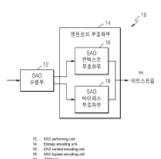
(43) Publication Date : 08/01/2016

(54) Title of the invention : VIDEO ENCODING METHOD AND VIDEO ENCODING APPARATUS AND VIDEO DECODING METHOD AND VIDEO DECODING APPARATUS FOR SIGNALING SAO PARAMETER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04N21/235,H04N21/4385 :61/672,166 :16/07/2012 :U.S.A. :PCT/KR2013/006343 :16/07/2013 :WO 2014/014251 :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)ALSHINA Elena 2)ALSHIN Alexander 3)PARK Jeong hoon
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the signaling of an SAO parameter determined to minimize an error between an original image and a restored image in a video encoding and decoding operation. Disclosed is an SAO decoding method which acquires left SAO aggregation information and upward SAO aggregation information which are entropy encoded based on a context from the bitstream of the largest coding unit acquires SAO on/off information which is entropy encoded based on a context for each color component from the bitstream acquires offset absolute value information for each SAO category entropy encoded in a bypass mode and acquires either the band location information and edge class information which are entropy encoded in a bypass mode.



No. of Pages : 113 No. of Claims : 15

(22) Date of filing of Application :04/07/2014

(21) Application No.2177/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PRESCRIPTIVE ANALYTICS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	: G08G1/123, G08G1/01 :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 Maharashtra India (72)Name of Inventor : 1)SHROFF, Gautam
(86) International Application No	:PCT//	2)AGARWAL, Puneet
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses system and method for executing prescriptive analytics. Simulation is performed from an input data (xinput) and simulation parameters (μ) to generate simulating data (D). Further, forecast data may be predicted by processing the simulating data (D) using predictive model (M). Further, prescriptive value (x^{TM}) may be determined based on the forecast data by using optimization model. The prescriptive value (x^{TM}) may be determined based on the forecast data by using optimized, whereby the optimization of the objective function indicates business objective being achieved. Further, the steps of simulating, predicting and determining may be iteratively performed until the objective function is not further optimized, satisfying predefined condition. Further, at each iteration, except the first iteration, the input data (xinput) is the prescriptive value (x^{TM}) determined at immediate previous iteration, whereby at the first iteration, the input data (xinput) is a reference data.

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

(22) Date of filing of Application :04/07/2014

(21) Application No.2179/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : BIPHASIC EXTENDED RELEASE FORMULATIONS OF INSULINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	A61K9/26 :NA :NA :NA :PCT// :01/01/1900 : NA	 (71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India (72)Name of Inventor : 1)Sahib, Maharaj K. 2)Ambulge, Jeetendra kashinath 3)Agrawal, Gauravkumar Ramanlal
(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 biphasic pharmaceutical composition comprising an insulin analogue, derivative or metabolite having isoelectric point between 5.8 to 8.5, zinc or salts thereof, isotonic agent optionally along with one or more pharmaceutically acceptable excipients, wherein the formulation exhibits an extended release profile for a period of more than 9h.

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

(22) Date of filing of Application :06/02/2015

(21) Application No.283/MUMNP/2015 A

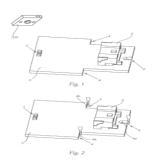
(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR POSITIONING A LIGHT SHAPING BODY

(51) International classification	:F21S8/10	(71)Name of Applicant :
(31) Priority Document No	:A 50336/2012	1)ZIZALA LICHTSYSTEME GMBH
(32) Priority Date	:23/08/2012	Address of Applicant :Scheibbser Strae 17 A 3250 Wieselburg
(33) Name of priority country	:Austria	Austria Austria
(86) International Application No	:PCT/AT2013/050138	(72)Name of Inventor :
Filing Date	:22/07/2013	1)PETSCH Daniel
(87) International Publication No	:WO 2014/028954	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract :

The invention relates to a method for positioning a light shaping body for example a reflector (1) relative to at least one light source (2) including the following steps: (a) attaching the at least one light source (2) to a carrier plate (3); (b) measuring the position of the at least one light source (2) on the carrier plate (3); attaching one or preferably a plurality of reference positions (4) to the carrier plate (3) the position of the at least one reference position (4) depending on the position of the at least one light source (2); (d) referencing i.e. aligning the light shaping body with the reference position(s) (4) on the carrier plate (3); and (e) securing the light shaping body to the carrier plate (3) or with respect to the carrier plate (3).



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

(22) Date of filing of Application :12/02/2015

(21) Application No.319/MUMNP/2015 A

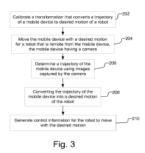
(43) Publication Date : 08/01/2016

(54) Title of the invention : ROBOT CONTROL BASED ON VISION TRACKING OF A REMOTE MOBILE DEVICE HAVING A CAMERA

(51) International classification	:B25J9/16	(71)Name of Applicant :
(31) Priority Document No	:13/604470	1)QUALCOMM INCORPORATED
(32) Priority Date	:05/09/2012	Address of Applicant : attn: International IP Administration 5775
(33) Name of priority country	:U.S.A.	Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/056649	(72)Name of Inventor :
Filing Date	:26/08/2013	1)RAMACHANDRAN Mahesh
(87) International Publication No	:WO 2014/039309	2)BRUNNER Christopher
(61) Patent of Addition to Application Number	:NA	3)RAMANANDAN Arvind
Filing Date	:NA	4)TYAGI Abhishek
(62) Divisional to Application Number	:NA	5)CHARI Murali Ramaswamy
Filing Date	:NA	

(57) Abstract :

Vision based tracking of a mobile device is used to remotely control a robot. For example images captured by a mobile device e.g. in a video stream are used for vision based tracking of the pose of the mobile device with respect to the imaged environment. Changes in the pose of the mobile device i.e. the trajectory of the mobile device are determined and converted to a desired motion of a robot that is remote from the mobile device. The robot is then controlled to move with the desired motion. The trajectory of the mobile device is converted to the desired motion of the robot using a transformation generated by inverting a hand eye calibration transformation.



No. of Pages : 26 No. of Claims : 33

(22) Date of filing of Application :04/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A System and A Method for Enabling Accurate Weighing And Recording Of Poultry Birds

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (20) Distributed to Application Number 	: A01K45/00, A01K39/00 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA	Address of Applicant :Shop no.36, Vishal Residency, Near Yamaha Show Room, Old Mumbai Pune Highway, Kasarwadi, Pune 411 034. M.H. India Maharashtra India (72)Name of Inventor : 1)Shinde, Santosh Arjun
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	
T ming Dute	.1 12 1	

(57) Abstract :

The present invention describes a system and a method for weighing commodities at a remote place. The system includes a weighing machine, at least one first electronic device, a server capable and at least one second electronic device receiving. The weighing machine is capable of measuring weight of the commodity. The at least one first electronic device is capable of communicating and operating the weighing machine using a platform. The at least one server is capable of communicating with the weighing machine and the at least one first device, and storing the information therein. The at least one second electronic device receiving dedicated information from the server.

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

(22) Date of filing of Application :04/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : THIOACID INTERMEDIATE OF FLUTICASONE PROPIONATE

	:	(71)Name of Applicant :
(51) International classification	C07J31/00,	1)LUPIN LIMITED
	C07J31/006	Address of Applicant :159 CST Road, Kalina, Santacruz (East),
(31) Priority Document No	:NA	Mumbai-400 098, State of Maharashtra, India Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)SINGH, Girij, Pal
(86) International Application No	:NA	2)SRIVASTAVA, Dhananjai
Filing Date	:NA	3)JADHAV, Harishchandra, Sambhaji
(87) International Publication No	: NA	4)AHER, Umesh, Parkashram
(61) Patent of Addition to Application Number	:NA	5)PATIL, Sudhakar, Uttam
Filing Date	:NA	6)UTEKAR, Pramod, Sudhakar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparation of 6a, 9a-difluro-11-hydroxy-16a-methyl-17a- propionyloxy-3-oxo-androsta-1,4-diene-17-carbothioic acid (referred as thioacid, III) by reacting the corresponding thioanhydride (II) with piperidine in ester solvent. Further the present invention provides a process for purification of thioacid (III) comprising treatment of thioacid (III) with base followed by washing with hydrocarbon solvent and then acid treatment.

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

(22) Date of filing of Application :05/07/2014

(21) Application No.2186/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESSING OF DEACTIVATED IONIC LIQUIDS

:	(71)Name of Applicant :
B01J38/60,	1)RELIANCE INDUSTRIES LIMITED
B01J31/40	Address of Applicant :3rd Floor, Maker Chamber-IV, 222, Nariman
:NA	Point, Mumbai-400021, Maharashtra, India. Maharashtra India
:NA	(72)Name of Inventor :
:NA	1)UPPARA PARASUVEERA
:NA	2)RAJE VIVEK
:NA	3)ADURI PAVANKUMAR
: NA	
:NA	
:NA	
:NA	
:NA	
	B01J31/40 :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

The present disclosure relates to a process for recovering the cationic and anionic components from deactivated ionic liquids. The process includes reacting the deactivated ionic liquid with 8-hydroxyquinoline to precipitate the anionic component, separating the precipitate followed by extracting the deactivating components from the cationic component. The anionic precipitate and the deactivating component free cationic component are subsequently recovered and reused for different applications. The ionic liquid can be reconstituted from the cationic component and another anionic component for use as a fresh ionic liquid.

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

(22) Date of filing of Application :12/02/2015

(21) Application No.321/MUMNP/2015 A

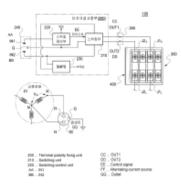
(43) Publication Date : 08/01/2016

(54) Title of the invention : SHORT CIRCUIT PREVENTION DEVICE

(51) International classification	:H01R13/44,H01R13/52,H01R13/70	(71)Name of Applicant :
(31) Priority Document No	:10-2012-0079110	1)AN Chun Hun
(32) Priority Date	:20/07/2012	Address of Applicant :104 1502 Daesang Apartment 11 Geumam ri
(33) Name of priority country	:Republic of Korea	Songsan myeon Dangjin si Chungcheongnam do 343 832 Republic of
(86) International Application No	:PCT/KR2012/011003	Korea
Filing Date	:17/12/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2014/014173	1)AN Chun Hun
(61) Patent of Addition to	:NA	2)PARK,DAE HOON
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	-NT A	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a device capable of preventing a short circuit even in the event of flooding. A terminal polarity fixing unit is disposed between an input terminal unit and an output terminal unit such that a first output terminal and a second output terminal are electrically connected to a neutral terminal and to a phase voltage terminal respectively all the time regardless of how first and second input terminals are paired with the phase voltage terminal and the neutral terminal of an alternating current outlet. First and second connecting terminals are electrically insulated from each other and spaced apart from each other while being exposed to one side of a body unit of a connecting terminal block made from an insulating body and electrically connect the first and second output terminals to a load. A short circuit prevention conductor is connected to the first connecting terminal which is in turn connected to the neutral terminal but is not connected to the second connecting terminal and is arranged in the vicinity of the second connecting terminal so as to surround at least a portion of the side of the connecting terminal block at least a portion of the connecting terminal block at least a portion of each of the side and upper parts of the connecting terminal block. When the connecting terminal block is flooded the electric current flowing out of the second connecting terminal flows into the short circuit prevention conductor via the water and an electric current sufficient for causing an electric shock does not flow to other sites.



No. of Pages : 32 No. of Claims : 16

(22) Date of filing of Application :04/07/2014

(21) Application No.2180/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : EXTENDED RELEASE FORMULATIONS OF INSULINS

	:	(71)Name of Applicant :
(51) International classification	A61K47/02,	1)WOCKHARDT LIMITED
	A61K9/00	Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Sahib, Maharaja K.
(86) International Application No	:PCT//	2)Ambulge, Jeetendra kashinath
Filing Date	:01/01/1900	3)Agrawal, Gauravkumar Ramanlal
(87) 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 pharmaceutical formulation comprising from about 40IU to 200IU of an insulin analogue, derivative or metabolite having isoelectric point between 5.8 to 8.5, zinc or salts thereof, isotonic agent optionally along with one or more pharmaceutically acceptable excipients, wherein the formulation exhibits an extended release profile for a period of more than 24h.

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

(22) Date of filing of Application :04/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A IMPROVED PROCESS FOR PREPARING LINAGLIPTIN AND ITS KEY INTERMEDIATES

(57) Abstract :

The present invention relates to a process for the preparation of Linagliptin or a pharmaceutically acceptable slat thereof. Further aspects of the present invention relates to process for the preparation of Linagliptin key intermediate, having purity more than 98.0 %.

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

(22) Date of filing of Application :06/02/2015

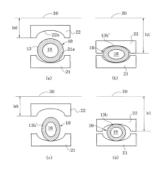
(43) Publication Date : 08/01/2016

(54) Title of the invention : NEEDLE EQUIPPED SUTURE AND MANUFACTURING METHOD THEREFOR

(51) International classification	:A61B17/06	(71)Name of Applicant :
(31) Priority Document No	:2012-179308	1)MANI INC.
(32) Priority Date	:13/08/2012	Address of Applicant :8 3 Kiyohara Industrial Park Utsunomiya shi
(33) Name of priority country	:Japan	Tochigi 3213231 Japan
(86) International Application No	:PCT/JP2013/071787	(72)Name of Inventor :
Filing Date	:12/08/2013	1)AKATSUKA Masao
(87) International Publication No	:WO 2014/027634	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a manufacturing method for a needle equipped suture for which fluctuation in pull out load is small and which has good ease of use. Provided is a needle equipped suture formed by opening a stop hole (14) from the base end surface (13a) of an eyeless suture needle (10) along the length direction of the eyeless suture needle (10) and inserting a suture (18) into the stop hole (14) and performing crimping. The crimping amount that is in accordance with the size of the diameter of the stop hole (14) of the eyeless suture needle (10) is added so that the cross sectional shape of a crimped section is circular and so that the axial length of the crimped section is less than the diameter of the eyeless suture needle (10). This configuration enables the suture (18) to be drawn out of the eyeless suture needle using a pull out load the size of which is in a specific range and enables fluctuations in the pull out force to be reduced.



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

(19) INDIA

(22) Date of filing of Application :12/02/2015

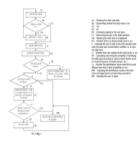
(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING SLIDE OPERATION AUXILIARY INPUT IN PORTABLE TERMINAL DEVICES

(51) International classification	:H04M1/725	(71)Name of Applicant :
(31) Priority Document No	:201210244788.1	1)SHANGHAI CHULE (COOTEK) INFORMATION
(32) Priority Date	:13/07/2012	TECHNOLOGY CO. LTD.
(33) Name of priority country	:China	Address of Applicant :Rm. A2060 Bldg. No. 2 No. 555 Dong Chuan
(86) International Application No	:PCT/CN2013/079299	Road Minhang District Shanghai 200241 China
Filing Date	:12/07/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/008870	1)ZHANG Kan
(61) Patent of Addition to Application Number	:NA	2)WANG Jialiang
Filing Date	:NA	3)WU Jingshen
(62) Divisional to Application Number	:NA	4)ZHANG Meng
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system for realizing slide operation auxiliary information input control function in a portable terminal device the system comprising a communication function display control module a slide input database module a slide processing module and a slide operation customization module. The present invention also relates to a method for realizing slide operation auxiliary information input control function in the portable terminal device on the basis of the system. Application of the system and the method thereof for realizing slide operation auxiliary information input control function in the portable terminal device replaces the conventional complex operation processes such as dialing contact search and the like by inputting a simple slide input on the basis of address book software and enables the operations such as speed dialing searching contacts and the like and simplifies the common and fussy using steps in the address book software and gives the users great convenience by using steps simplification. Application of the system and the method is simple with high efficiency and stable and reliable working performance and wide application range and lays the solid foundation for large scale popularization and application of the portable terminal devices.



No. of Pages : 48 No. of Claims : 32

(22) Date of filing of Application :04/07/2014

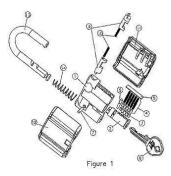
(21) Application No.2173/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : INNOVATIVE MODULA	R PADLOCK	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E05B63/08 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)GODREJ & BOYCE MFG. CO. LTD. Address of Applicant :LOCKS DIVISION (PLANT-18) PIROJSHANAGAR, VIKHROLI, MUMBAI - 400 079 MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor : 1)THOTTUVAI SIVASUBRAMANI MURALI

⁽⁵⁷⁾ Abstract :

The present innovation provides a padlock comprising of a locking assembly (100), shackle (13), shackle retainer pin (7), locking bolts (9), shackle spring (14), spring (10) for locking bolts, lock housing covers (11) & (12) and key (8). The locking assembly (100) includes a locking cylinder (2), a plurality of driving & operating pin set (3,4) and a locking housing (1). In unlocking position, when key (8) is inserted in the locking cylinder (2) the driving and operating pin set (3,4) are aligned according to the key (8) and when the locking cylinder (2) is rotated clockwise, the terminals (2d) of the locking cylinder (2) pushes the locking bolts (9) away from limbs (13d,13e) of the shackle (13) which allows the shackle (13) to unlock condition, whereas in locking position, the shackle (13) is pressed inside the lock and the locking bolts (9) enters triangular cutout (13a) provided on the shackle (13) and thus locks the shackle (13) with the locking housing (1).



No. of Pages : 20 No. of Claims : 6

(22) Date of filing of Application :09/02/2015

(54) Title of the invention : FILMS

(21) Application No.290/MUMNP/2015 A

(43) Publication Date : 08/01/2016

(51) International classification	:B32D	(71)Name of Applicant :
(31) Priority Document No	:12180313.4	1)BOREALIS AG
(32) Priority Date	:13/08/2012	Address of Applicant :IZD Tower Wagramerstrasse 17 19 A 1220
(33) Name of priority country	:EPO	Vienna Austria
(86) International Application No	:PCT/EP2013/066811	(72)Name of Inventor :
Filing Date	:12/08/2013	1)NIEDERSUESS Peter
(87) International Publication No	:WO 2014/026949	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastina et a		

(57) Abstract :

A monolayer machine direction oriented film comprising a blend of a multimodal linear low density polyethylene (LLDPE) and a plastomer having a density of 900 kg/m or less said film being a stretched film which is uniaxially oriented in the machine direction (MD) in a draw ratio of at least 1:3; or a multilayer machine direction oriented film comprising at least an (A) layer and (B) layer said (A) layer being an outer layer and comprising a multimodal linear low density polyethylene (LLDPE) and a plastomer having a density of 900 kg/m or less; said (B) layer comprising a multimodal linear low density polyethylene (LLDPE) and a plastomer having a density of 900 kg/m or less; said (B) layer comprising a multimodal linear low density polyethylene (LLDPE); wherein said film is a stretched film which is uniaxially oriented in the machine direction (MD) in a draw ratio of at least 1:3.

No. of Pages : 29 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :11/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MICROFLUIDIC CHIP AND APPLICATION 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 	:NA :NA	 (71)Name of Applicant : 1)CAPITALBIO CORPORATION Address of Applicant :18 Life Science Parkway Changping District Beijing 102206 China 2)TSINGHUA UNIVERSITY (72)Name of Inventor : 1)ZHANG Guohao 2)HUANG Guoliang 3)WANG Can 4)GUO Su 5)WANG Lei 6)XING Wanli 7)CHENG Jing
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(57) Abstract :

Provided is a microfluidic chip which comprises a substrate and a cover sheet wherein a microreactor array is arranged on the substrate and comprises at least one main channel (401) and at least two micro cells (402) connected to the main channel (401). The microfluidic chip also comprises at least one local temperature control device which is used for heating the main channel (401) or cooling the micro cells (402). The use of the microfluidic chip ensures uniformity and independency of the micro cells (402). Also provided is an application of the microfluidic chip in biological detection or medical inspection.

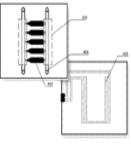


图 4/Fig.4

No. of Pages : 28 No. of Claims : 14

(22) Date of filing of Application :13/02/2015

(21) Application No.325/MUMNP/2015 A

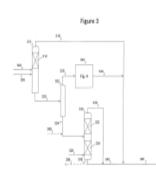
(43) Publication Date : 08/01/2016

(54) Title of the invention : SELECTIVE HYDRODESULFURIZATION OF FCC GASOLINE TO BELOW 10 PPM SULFUR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/691,452 :21/08/2012 :U.S.A. :PCT/US2013/051679 :23/07/2013 :WO 2014/031274 :NA :NA	 (71)Name of Applicant : 1)CATALYTIC DISTILLATION TECHNOLOGIES Address of Applicant :10100 Bay Area Blvd. Pasadena TX 77507 U.S.A. (72)Name of Inventor : 1)PODREBARAC Gary G.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process for reducing the sulfur content of a hydrocarbon stream is disclosed. A full range cracked naphtha is contacted with a hydrogenation catalyst to convert at least a portion of the dienes and mercaptans to thioethers and to hydrogenate at least a portion of the dienes. The full range cracked naphtha is fractionated into a light naphtha fraction a medium naphtha fraction and a heavy naphtha fraction. The heavy naphtha fraction is hydrodesulfurized. The medium naphtha fraction is mixed with hydrogen and gas oil to form a mixture which is contacted with a hydrodesulfurization catalyst to produce a medium naphtha fraction having a reduced sulfur concentration. The light heavy and medium naphtha fractions may then be recombined to form a hydrodesulfurized product having a sulfur content of less than 10 ppm in some embodiments.



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

(19) INDIA

(22) Date of filing of Application :01/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN IMPROVED ADVANCED OXIDATION PROCESSES FOR THE TREATMENT OF WASTE WATER CONTAINING DYES USING WASTE DRY BATTERY/CELL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C02F1/461, C02F1/30 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)MOHOD ASHISH VISHWANATH Address of Applicant :DEPARTMENT OF CHEMICAL ENGINEERING, AISSMS COLLEGE OF ENGINEERING KENNEDY ROAD PUNE-411 001 Maharashtra India (72)Name of Inventor : 1)MOHOD ASHISH VISHWANATH 2)GOGATE PARAG RATNAKAR 3)MAHALE DEEPIKA DILIP 4)PATIL NILESH NEMGONDA 5)KARNJKAR YOGESH SANJAY 6)DINDE RAVEENA MARUTI 7)DALBHANJAN RACHANA RAVI 8)PANDEY NISHANTBHASKAR SHATRUGHAN 9)BANERJEE BARNALI SHAYMAPROSAD
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(57) Abstract :

The present invention relates to the improvement in advanced oxidation processes (AOPs) with new catalyst giving better efficacy in terms of degradation. In addition to this, reaction mechanism is also provided to support theory and development of the treatment process. At present, titanium dioxide, hydrogen peroxide, Fenton and ozone are mostly used for the treatment but the treatment costs are significant especially for large scale operation. The use of sustainable source of catalyst as illustrated in the invention can help in reducing the treatment cost.

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

(19) INDIA

(22) Date of filing of Application :09/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : RECOVERY OF ZINC FROM LEAD SLAG (51) International classification :C22B3/20,C22B19/00,B01D53/50 (71)Name of Applicant : (31) Priority Document No :2012903394 1) GLENCORE QUEENSLAND LIMITED (32) Priority Date :07/08/2012 Address of Applicant :Level 10 160 Ann Street Brisbane Queensland (33) Name of priority country 4000 Australia :Australia (86) International Application No :PCT/AU2013/000865 (72)Name of Inventor : Filing Date :06/08/2013 1)VOIGT Paul (87) International Publication No :WO 2014/022882 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A method for recovering zinc from slag derived from lead smelting comprises subjecting the slag to a leaching step under conditions in which zinc is dissolved into solution and silica present in the slag dissolves and re precipitates in a form that is readily separable from liquid and recovering zinc from the solution. The slag may be subjected to leaching in at least two stages in which in a first leaching stage only part of the zinc is removed from the slag and further zinc leaching from the slag occurs in a second stage to form a pregnant leaching solution and recovering zinc from the solution. The method may be used to remove SO from a gas stream by using the SO containing gas stream to leach a slurry of the slag.

No. of Pages : 41 No. of Claims : 40

(22) Date of filing of Application :11/02/2015

(21) Application No.309/MUMNP/2015 A

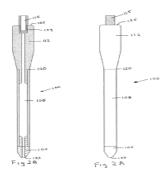
(43) Publication Date : 08/01/2016

(54) Title of the invention : GLASS BLOWING APPARATUS AND METHOD OF MAKING GLASS OBJECTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:13/555,570 :23/07/2012 :U.S.A.	 (71)Name of Applicant : 1)ZERO GRAVITY CREATIONS LLC Address of Applicant :6800 Eastern Ave Baltimore Maryland 21224 U.S.A. (72)Name of Inventor : 1)WANVEER Aric
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An apparatus and method for manufacturing glass objects comprising a glass blowing pipe and a metal mounting device configured to melt with glass to form a glass piece that is easily removed from the glass blowing pipe without the need to break the glass from the headstock of the glass blowing pipe wherein the metal mounting device comprises a contact patch and a number of slits to secure the metal mounting device to the glass. A method for manufacturing a glass object utilizing a metal mounting insert is described. A glass object having a metal mounting insert for installation and use in other applications is also described.



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

(19) INDIA

(22) Date of filing of Application :13/02/2015

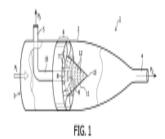
(43) Publication Date : 08/01/2016

(54) Title of the invention : APPARATUS FOR CYCLONE SEPARATION OF A FLUID FLOW INTO A GAS PHASE AND A LIQUID PHASE AND VESSEL PROVIDED WITH SUCH AN APPARATUS

(51) International classification(31) Priority Document No(32) Priority Date	:B04C5/13,B01D19/00 :2009299 :08/08/2012	 (71)Name of Applicant : 1)ADVANCED TECHNOLOGIES & INNOVATIONS B.V. Address of Applicant :Leemansweg 11 NL 6827 BX Arnhem
(33) Name of priority country	:Netherlands	Netherlands Netherlands
(86) International Application No	:PCT/NL2013/050584	(72)Name of Inventor :
Filing Date	:07/08/2013	1)SWANBORN Rombout Adriaan
(87) International Publication No	:WO 2014/025256	
(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 apparatus for cyclone separation of a fluid flow into essentially a gas phase fraction and a liquid phase fraction by bringing the fluid flow into rotation so that said fluid flow is separated into a central zone essentially containing the gas phase fraction and an outer annular zone essentially containing the liquid phase fraction comprising: a housing (2); a swirl element (6) for rotation of the fluid; a gas phase outlet (5); and a liquid phase outlet (4); whereby the gas phase outlet and the liquid phase outlet both connect to a common collecting chamber outside the housing. The invention also relates to a vessel provided with at least one such apparatus.



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

(22) Date of filing of Application :07/02/2015

(21) Application No.288/MUMNP/2015 A

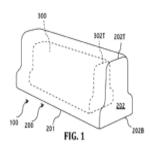
(43) Publication Date : 08/01/2016

(54) Title of the invention : ORTHOPEDIC PILLOW FOR TREATMENT AND PREVENTION OF LUMBAR AND THORACIC SPINE DISEASES

(51) International classification	:A47C16/00,A47C20/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KIM THI PHAM Loan
(32) Priority Date	:NA	Address of Applicant : Attn: Le Binh Phuong A04.04 CC Hoang Anh
(33) Name of priority country	:NA	Gia Lai 1 357 Le Van Luong street Tan Quy ward Dist. 7 Ho Chi Minh
(86) International Application No	:PCT/IB2012/053508	000000 Vietnam
Filing Date	:09/07/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2014/009772	1)KIM THI PHAM Loan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An orthopedic pillow comprises a padded member which has a hard block fully inserted inside. The padded member is made of resilient materials. The padded member s shape is roughly similar to that of a rectangular block; however if looked right from its right or left side the padded member has a bell shape. The length of the long side of the padded member is roughly equal to an adult s body s width. The hard block is made of non resilient material. The hard block is able to tolerate without rupturing the gravity force on a mass of about 140 kg with a shape and size similar to those of a person s body. The shape of the hard block and of the padded member are similar and their dimensions are proportional. The length of the long side of the hard block is also roughly equal to an adult s body s width. Both the padded member and the hard block have a flat bottom side.



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

(19) INDIA

(22) Date of filing of Application :11/02/2015

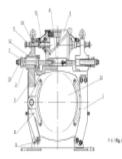
(43) Publication Date : 08/01/2016

(54) Title of the invention : GANTRY BINARY SYNCHRONIZATION BLOCK TYPE BRAKE

(51) International classification	:F16D49/16,F16D65/14,F16D65/46	(71)Name of Applicant :
(31) Priority Document No	:201210547467.9	1)SHIJIAZHUANG WULON BRAKE CORPORATION
(32) Priority Date	:17/12/2012	Address of Applicant :368 Xinshi North Road Qiaoxi District
(33) Name of priority country	:China	Shijiazhuang Hebei 050000 China
(86) International Application No	:PCT/CN2013/089742	(72)Name of Inventor :
Filing Date	:17/12/2013	1)HAN Wulin
(87) International Publication No	:WO 2014/094608	2)HAO Xiongyi
(61) Patent of Addition to	:NA	3)SUN Huishui
Application Number	:NA	4)ZHANG Yunmin
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.INA	

(57) Abstract :

Disclosed is a gantry binary synchronization block type brake the structure of which comprises: a gantry support (1) brake arms (3) brake shoes (8) double brake disconnecting devices brake springs (2) and a gap adjusting mechanism. The gantry support (1) is formed by door shaped frames which are fixedly connected. The brake arms are arranged on two sides of the gantry support (1) and low ends of the brake arms (3) are hinged onto the gantry support (1). The brake shoes (8) are connected onto the brake arms (3) and used for carrying out friction braking on brake wheels (11). The double brake disconnecting devices are fixed on the gantry support (1) and used for synchronously pushing the two brake arms (3) outwards. The brake springs (2) are arranged on the gantry support (1) and used for pushing the brake arms (3) to carry out normal braking. The gap adjusting mechanism is used for adjusting working gaps between the brake shoes (8) and the brake wheels (11). The gantry binary synchronization block type brake eliminates potential safety hazards of elevator traction machines and cranes and can conveniently adjust the gaps thereby greatly improving working reliability and universal interchangeability.



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

(22) Date of filing of Application :13/02/2015

(21) Application No.327/MUMNP/2015 A

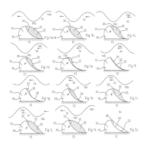
(43) Publication Date : 08/01/2016

(54) Title of the invention : WAVE ENERGY CONVERSION

(51) International classification	:F03B13/14,F03B13/12	(71)Name of Applicant :
(31) Priority Document No	:2012903556	1)BOMBORA WAVE POWER PTY LTD
(32) Priority Date	:17/08/2012	Address of Applicant :11 Arlington Avenue South Perth Western
(33) Name of priority country	:Australia	Australia 6151 Australia
(86) International Application No	:PCT/AU2013/000869	(72)Name of Inventor :
Filing Date	:07/08/2013	1)RYAN Glen Lee
(87) International Publication No	:WO 2014/026219	2)RYAN Shawn Kay
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wave energy converter (WEC) (10) has a body portion (18) with a face (20) and at least one flexible membrane (16) bounding at least part of a volume of a fluid to form a variable volume cell (22). The membrane is inclined from vertical providing a flow smoothed passage for wave energy from a wave (14) to travel over the WEC whilst deforming the at least one membrane towards the body to compress the fluid. The cell(s) can be submerged or floating. The inclination of the at least one membrane assists conversion of potential and kinetic energy of the wave to pressure within the fluid. Fluid pressure within the WEC cell(s) and/or system can be optimised to suit wave and/or performance conditions.



No. of Pages : 71 No. of Claims : 60

(22) Date of filing of Application :03/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : LIGHT WEIGHT FREE STANDING PLASTIC SEAT FRAME STRUCTURE

	:	(71)Name of Applicant :
(51) International classification	A47C20/04,	1)MAHINDRA & MAHINDRA LTD.
	A47C1/024	Address of Applicant :AUTOMOTIVE & FARM EQUIPMENT
(31) Priority Document No	:NA	SECTOR, MAHINDRA TOWERS, DR. G. M. BHOSALE MARG,
(32) Priority Date	:NA	WORLI, MUMBAI - 400018, MAHARASHTRA, INDIA. Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NILESH SURESH MATE
(87) International Publication No	: NA	2)SHRIDHAR GANPATI JOSHI
(61) Patent of Addition to Application Number	:NA	3)HIMMATRAO ATMARAM PATIL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A seat frame structure for seat of a motor vehicle, comprising a seat with a profiled single-piece seat cushion pan mounted on a seat slider assembly; a seat back rest consisting of a single-piece main member; a marriage assembly including a recliner assembly welded to adapter brackets, a back portion and a profiled back cushion; a combination profiled cushion pad disposed over said seat cushion pan and said seat back rest; and seat trim covers disposed over said cushion pan and said seat back rest, both trim covers fitted with said profiled cushion pad and covering said cushion pan and said seat back rest to provide optimum comfort to the seat occupant; wherein said seat slider assembly, said seat belt anchorage assembly and said recliner assembly are suitably adjustable to adapt to varying human anthropometry for optimum personal comfort while sitting thereon.

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

(22) Date of filing of Application :03/07/2014

(21) Application No.2158/MUM/2014 A

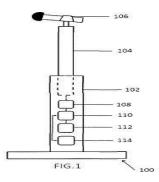
(43) Publication Date : 08/01/2016

(54) Title of the invention : ADJUSTABLE MICROPHONE SUPPORTING ARRANGEMENT

		(71) N
(51) International classification	H04M1/05	(71)Name of Applicant : 1)PRABHU, SANKET
	NA	Address of Applicant :H.NO. 46, NEAR VITHAL MANDIR,
(32) Priority Date :	NA	SANGUEM, GOA 403 704 Goa India
(33) Name of priority country	NA	2)NAIK KARMALI, SHREYASH
(86) International Application No	NA	(72)Name of Inventor :
Filing Date :	NA	1)PRABHU, SANKET
(87) International Publication No :	NA	2)NAIK KARMALI, SHREYASH
(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 adjustable microphone supporting arrangement. In one embodiment, the adjustable microphone supporting arrangement comprises a microphone holding means adapted for securing a microphone and a support member adapted for providing support to the microphone holding means. Furthermore, the adjustable microphone supporting arrangement comprises a microprocessor adapted for generating an actuating signal based on height parameter indicative of height of a speaker. Moreover, the adjustable microphone supporting arrangement comprises an actuating means adapted for automatically displacing the microphone holding means with respect to the support member in a vertical direction based on the actuating signal.



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

(19) INDIA

(22) Date of filing of Application :11/02/2015

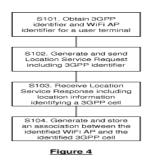
(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND APPARATUS FOR DETERMINING RELATIONSHIPS IN HETEROGENEOUS 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 	:NA :NA :PCT/EP2012/065970 :15/08/2012 :WO 2014/026715 :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)NYLANDER Tomas 2)STLNACKE Per Daniel 3)ZEE Oscar
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

According to a first aspect there is provided a method of enabling automatic determination of when an area covered by an Access Point (AP) of a Wi Fi Radio Access Network (RAN) overlaps with a cell of a 3GPP RAN. The method comprises at an entity of the Wi Fi RAN obtaining a 3GPP identifier related to a user terminal that is attached to the Wi Fi RAN and an identifier for an AP of the Wi Fi RAN to which the terminal is attached. The entity then generates and sends a Location Service Request including the 3GPP identifier to a Location Services (LCS) Server associated with the 3GPP RAN receiving a Location Service Response from the LCS Server that includes information identifying a cell of the 3GPP RAN in which the user terminal is located and causes storage of an association between the identified Wi Fi AP and the identified 3GPP cell.



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

(22) Date of filing of Application :16/02/2015

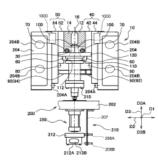
(43) Publication Date : 08/01/2016

(54) Title of the invention : BLOW MOLD UNIT BLOW MOLDING MACHINE AND METHOD FOR FIXING BLOW MOLD UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B29C49/48,B29C49/56 :2012-181033 :17/08/2012 :Japan :PCT/JP2013/071626 :09/08/2013	 (71)Name of Applicant : 1)NISSEI ASB MACHINE CO. LTD. Address of Applicant :4586 3 Koo Komoro shi Nagano 3848585 Japan (72)Name of Inventor : 1)TAKEHANA Daizaburo
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/027616 :NA :NA :NA :NA	2)YOKOBAYASHI Kazuyuki 3)NAKAZAWA Fumiyuki

(57) Abstract :

One purpose of the present invention is to provide a blow molding machine and blow mold unit that stabilize the mold clamping of a bottom mold and that can reduce the load on a drive mechanism for the bottom mold and a mold. The blow mold unit (10) has a configuration in which when first and second blow cavity split molds (12 14) fixed to first and second fixing plates (40 50) are clamped with a bottom mold (100) fixed to a bottom mold fixing plate (110) the bottom mold fixing plate (110) engages with pressure receiving members (60) fixed to the first and second fixing plate (40 50). A guide plate (120) is fixed to the bottom mold fixing plate (110) and guided members (70) which can come into contact with the guide plate (120) are supported by first and second pressure receiving plates (20 30).



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

(22) Date of filing of Application :06/02/2015

(21) Application No.281/MUMNP/2015 A

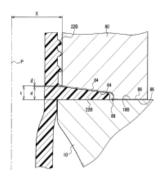
(43) Publication Date : 08/01/2016

(54) Title of the invention : BLOW NOZZLE AND BLOW MOLDING MACHINE

(51) International classification	:B29C49/60	(71)Name of Applicant :
(31) Priority Document No	:2012-176971	1)NISSEI ASB MACHINE CO. LTD.
(32) Priority Date	:09/08/2012	Address of Applicant :4586 3 Koo Komoro shi Nagano 3848585
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2013/071131	(72)Name of Inventor :
Filing Date	:05/08/2013	1)YOKOBAYASHI Kazuyuki
(87) International Publication No	:WO 2014/024835	2)TAKEHANA Daizaburo
(61) Patent of Addition to Application Number	:NA	3)NAKAZAWA Fumiyuki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the present invention a blow nozzle (30) that guides blow air to a molding product (20) held in a blow cavity mold (10) by a flange part (22B) provided to a neck part (22) has the following: a nozzle main body (50); and an outer nozzle (80) integrally connected to the nozzle main body and disposed at the periphery of the neck part. The outer nozzle has the following: a first surface (84) that is in pressing force contact with the flange part and is continuous in the circumferential direction; and a second surface (86) that is disposed more to the radial outer side than the first surface is and is in contact with the blow cavity mold. From when the nozzle main body moves and the first surface comes into contact with the flange part and until the second surface comes into contact with the blow cavity mold and the movement of the nozzle main body stops the first surface of the outer nozzle is subjected to overdrive and the flange part is hermetically sealed by the first surface.



No. of Pages : 27 No. of Claims : 8

(22) Date of filing of Application :09/02/2015

(21) Application No.298/MUMNP/2015 A

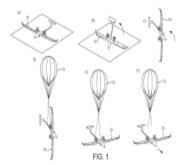
(43) Publication Date : 08/01/2016

(54) Title of the invention : UNMANNED AERIAL VEHICLE AND METHOD OF LAUNCHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:1212922.7 :20/07/2012 :U.K.	 (71)Name of Applicant : 1)ELSON Andrew Charles Address of Applicant :Upper Thrupe Farm Maesbury Wells Somerset BA5 3HD U.K. (72)Name of Inventor :
(86) International Application No Filing Date	:PC1/GB2013/051942 :19/07/2013	(72)Name of Inventor : 1)ELSON Andrew Charles
(87) International Publication No (61) Patent of Addition to Application Number	:WO 2014/013268 :NA	
Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of launching a powered unmanned aerial vehicle (10) the method comprising lifting the vehicle (10) by attachment to a lighter than air carrier (12) from a substantially ground level location to an elevated altitude wherein the vehicle (10) is prevented from entering its flight mode during ascent causing the vehicle (10) to detach from the carrier (12) while the velocity of the vehicle (10) relative to the carrier (12) is substantially zero the vehicle (10) thereafter decreasing in altitude as it accelerates to a velocity where it is capable of preventing any further descent and can begin independent sustained flight.



No. of Pages : 22 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :12/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : A3 ADENOSINE RECEPTOR LIGANDS FOR USE IN TREATMENT OF A SEXUAL DYSFUNCTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K31/4745,A61K31/7076,A61P15/10 :221382 :09/08/2012 :Israel	 (71)Name of Applicant : 1)CAN FITE BIOPHARMA LTD. Address of Applicant :10 Bareket Street 4951778 Petach Tikva Israel (72)Name of Inventor :
 (86) International Application No Filing Date (87) International Dublication 	:PCT/IL2013/050675 :08/08/2013	1)FISHMAN Pnina
(87) International Publication No	:WO 2014/024195	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present disclosure provides an A adenosine receptor (AAR) ligand for the treatment of sexual dysfunction. In some embodiments the AAR ligand is selected from an AAR agonist and AAR allosteric enhancer. The present disclosure also provides a method and pharmaceutical composition for treating a sexual dysfunction the method comprises administering to a subject having the sexual dysfunction an amount of an A adenosine receptor (AAR) ligand. In some embodiments the AAR ligand is an AAR agonist and more specifically IB MECA.

No. of Pages : 30 No. of Claims : 49

(22) Date of filing of Application :17/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SIGNALING OF DOWN SAMPLING PHASE INFORMATION IN SCALABLE VIDEO CODING

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:61/696,722	1)QUALCOMM INCORPORATED
(32) Priority Date	:04/09/2012	Address of Applicant :ATTN: International IP Administration 5775
(33) Name of priority country	:U.S.A.	Morehouse Drive San Diego CA 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/058050	(72)Name of Inventor :
Filing Date	:04/09/2013	1)CHEN Jianle
(87) International Publication No	:WO 2014/039547	2)GUO Liwei
(61) Patent of Addition to Application Number	:NA	3)LI Xiang
Filing Date	:NA	4)KARCZEWICZ Marta
(62) Divisional to Application Number	:NA	5)PU Wei
Filing Date	:NA	

(57) Abstract :

Methods and systems for video image coding are provided. Sets of filters may be selected and applied to video information at least partially based on phase displacement information between a first and second layer of video information. For example the phase displacement information may correspond to a difference between a position of a pixel in the first layer and a corresponding position of the pixel in the second layer. The selected filter set can be an up sampling filter or a down sampling filter. The phase displacement information may be encoded as a syntax element embedded in the video bit stream.

FIG. 7

No. of Pages : 69 No. of Claims : 47

(22) Date of filing of Application :06/02/2015

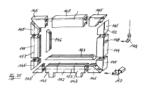
(43) Publication Date : 08/01/2016

(54) Title of the invention : PACKAGING FOR EDGE SENSITIVE TRANSPORTED GOODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B65D81/05,B65D81/36,B65D85/48 :10 2012 019 169.3 :30/09/2012 :Germany :PCT/EP2013/002697 :09/09/2013 :WO 2014/048544	 (71)Name of Applicant : 1)GLASS WRAP HOLDING CORPORATION Address of Applicant :Heywood House South Hill Anguilla VIRGIN ISLANDS (72)Name of Inventor : 1)GILLER Thomas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

According to the invention edge sensitive transported goods are provided with an edge protection that consists of at least one resilient layer and at least one reinforcement layer.



No. of Pages : 75 No. of Claims : 43

(22) Date of filing of Application :10/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS AND SYSTEM FOR REDUCING THE AMOUNT OF FUEL IN VEHICLES EQUIPPED WITH FUEL INJECTORS AND THAT CAN BE SUPPLIED WITH MORE THAN ONE FUEL

	E00D 41/24	
(51) International classification	:F02D41/24	(71)Name of Applicant :
(31) Priority Document No	:PR2012A000054	1)A.E.B. S.P.A.
(32) Priority Date	:10/08/2012	Address of Applicant : Via dellIndustria 20 I 42025 Cavriago (Reggio
(33) Name of priority country	:Italy	Emilia) Italy
(86) International Application No	:PCT/IB2013/056224	(72)Name of Inventor :
Filing Date	:29/07/2013	1)CAMPANI Stefano
(87) International Publication No	:WO 2014/024088	2)TONDELLI Maicol
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process for reducing the amount of fuel in vehicles equipped with fuel injectors and that can be supplied with more than one fuel comprising a piloting step of one or more injectors (3) with a real pressure pr through a control unit (1) and a high pressure pump (2) wherein the control unit (1) receives an incoming feedback pressure signal Pf from a pressure sensor (4) and characterised in that an emulation step of the pressure sensor (4) is envisaged consisting of altering the transfer function of a feedback loop on which the pressure sensor (4) is located according to the law: Pf = pr \cdot k(pv) where pv are typical engine control parameters and k(pv) is a function of it with k(pv)>1 i.e. Pf= pr> and pr = pt / k(pv) i.e. pr= pt in which pt is the target pressure of said control unit (1).

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

(19) INDIA

(22) Date of filing of Application :16/02/2015

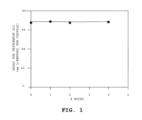
(43) Publication Date : 08/01/2016

(54) Title of the invention : ENTERIC COATED MULTIPARTICULATE CONTROLLED RELEASE PEPPERMINT OIL COMPOSITION AND RELATED METHODS

(51) International classification	:A61K9/64	(71)Name of Applicant :
(31) Priority Document No	:61/815,073	1)ZX PHARMA LLC
(32) Priority Date	:23/04/2013	Address of Applicant :101 Plaza Real South Suite 205 S Boca Raton
(33) Name of priority country	:U.S.A.	FL 33432 U.S.A.
(86) International Application No	:PCT/US2013/000217	(72)Name of Inventor :
Filing Date	:23/09/2013	1)SHAH Syed
(87) International Publication No	:WO 2014/175852	2)HASSAN Daniel
(61) Patent of Addition to Application Number	:NA	3)HASSAN Fred
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multiparticulate composition is formed from a plurality of individual cores including a hydrophobic phase containing peppermint oil dispersed in a microcrystalline cellulose based gel and a hydrophilic phase containing a hydrogel. An enteric coating is over the individual cores. The multiparticulate composition can be used to treat gastrointestinal disorders.



No. of Pages : 31 No. of Claims : 26

(22) Date of filing of Application :11/02/2015

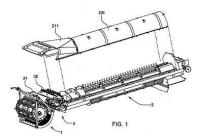
(43) Publication Date : 08/01/2016

(54) Title of the invention : THRESHING AND SEPARATING DEVICE AND COMBINE HARVESTER HAVING THE SAME

(51) International classification	:A01D	(71)Name of Applicant :
(31) Priority Document No	:201410061807.6	1)JOHN DEERE (TIANJIN) CO., LTD.
(32) Priority Date	:24/02/2014	Address of Applicant :NO. 89, 13TH AVENUE, TEDA, TIANJIN,
(33) Name of priority country	:China	300457, CHINA China
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BENJAMIN CHITAT SUEN
(87) International Publication No	: NA	2)FENGBIN PANG
(61) Patent of Addition to Application Number	:NA	3)HONGYUAN WANG
Filing Date	:NA	4)JUNBANG LI
(62) Divisional to Application Number	:NA	5)YIBIN ZHUANG
Filing Date	:NA	6)YANPENG HAN

(57) Abstract :

Disclosed is a threshing and separating device, comprising a first threshing and separating mechanism, a second threshing and separating mechanism, and an intermediate feeding mechanism therebetween. The first threshing and separating mechanism comprises a first cylinder in a form of a toothed rod and a first concave in a form of a wire-grate, and a surface of the first concave facing the first cylinder is provided with no part protruding into a tip circle of threshing teeth of the first cylinder; the second threshing and separating mechanism comprises a second cylinder in a form of a toothed rod and a second concave in a form of a wire-grate, and a surface of the second concave facing the second cylinder is provided with no part protruding into a tip circle of threshing teeth of the second cylinder; the second concave facing the second cylinder is provided with no part protruding into a tip circle of threshing teeth of the second cylinder; the second cylinder comprises a forced feeding portion located at front end thereof and comprising a truncated cone and helical blades on the truncated cone; and a toothed-rod cylinder portion located behind the forced feeding portion and comprising a plurality of second rods parallel to the rotation axis of the second cylinder and uniformly arranged in a circumferential direction thereof, and each second rod is provided with a plurality of second threshing teeth. The present invention also relates to a combine harvester comprising the threshing and separating device.



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

(22) Date of filing of Application :01/07/2014

(21) Application No.2128/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR COLLATING MULTI-FORMAT INFORMATION

(51) International classification(31) Priority Document No(32) Priority Date(22) New York Science (23) New York Science (24) New York Science	:NA :NA	 (71)Name of Applicant : 1)VFS GLOBAL SERVICES PVT. LTD. Address of Applicant :9th Floor, Urmi Estate, 95, Ganpatrao Kadam
(33) Name of priority country(86) International Application No	:NA :PCT//	Marg, Near Lower Parel Station, Lower Parel (W), Mumbai 400 013, Maharashtra, India Maharashtra India
Filing Date (87) International Publication No	:01/01/1900 : NA	(72)Name of Inventor : 1)DESAI FALGUNI JIGNESH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)PATHAK VISHWAS MUKUND 3)BHARDWAJ BHARAT CHAMANLAL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A computer implemented system for collating and presenting multi-format information in a user-desired format is envisaged. The system stores information related to clients along with additional their personal information in a transient repository. These stored items of information are usually in different formats which are then converted by the system into a format desired by the user of the system or into a pre-defined format. An input module present in the system accepts form a user, a desired output information format type and a client identifier corresponding to the client whose information needs to be collated. Based on the client identifier, the system converts the stored client related information in the desired format and then collates and displays the converted information for further processing. Fig.1

No. of Pages : 21 No. of Claims : 24

(22) Date of filing of Application :10/02/2015

(21) Application No.305/MUMNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : ROCK DRILL GUIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E21B7/02,B25D17/11 :2012/06536 :30/08/2012 :South Africa :PCT/ZA2013/000068 :28/08/2013 :WO 2014/036573 :NA :NA	 (71)Name of Applicant : 1)SHOVA DRILLING (PTY) LIMITED Address of Applicant :82 Ratchet Avenue Stormill Extension 3 Roodepoort Gauteng 1724 Roodepoort South Africa (72)Name of Inventor : 1)ROODT Petrus Hendrik Senior 2)ROODT Petrus Hendrik Junior
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to a rock drill guide comprising: a sleeve (20) having an internal chamber (30) adapted to receive a rock drill (40) therein the sleeve (20) terminating in an operative end (50) and a drilling end (60) the sleeve (20) further being connectable to a pressure source for pressurising the sleeve (20); a pair of seals cooperating to seal the sleeve substantially hermetically so as to maintain the pressurisation of the sleeve; and a pressure control mechanism for selectively pressurising the chamber. The invention also relates to a kit for a rock drill guide.

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

(22) Date of filing of Application :13/02/2015

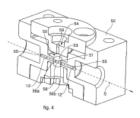
(43) Publication Date : 08/01/2016

(54) Title of the invention : APPARATUS AND METHOD TO DETERMINE THE BLOOD SEDIMENTATION RATE AND OTHER PARAMETERS CONNECTED THERETO

(51) International classification	:G01N15/05,G01N33/49	(71)Name of Applicant :
(31) Priority Document No	:UD2012A000137	1)ALIFAX HOLDING SPA
(32) Priority Date	:31/07/2012	Address of Applicant : Via Petrarca 2/1 I 35020 Polverara, ITALY
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/IB2013/001565	(72)Name of Inventor :
Filing Date	:19/07/2013	1)GALIANO Paolo
(87) International Publication No	:WO 2014/020392	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus to determine the blood sedimentation rate and other parameters connected thereto carried out by emitting by means of emitter means (16) a beam of radiations (60) which passes through a sample being examined and by detecting by means of receiver means (17) the beam of radiations after they have passed through said sample comprising a reading chamber associated to at least a tube (12) connected to a feed (11; 21; 28) of the sample to be analyzed. Said reading chamber is at least partly transparent to radiations in a certain range of wavelengths and has at least a substantially rectilinear segment of reduced size into which the sample to be analyzed is introduced. The reading chamber (50) consists of a tube (51) made of plastic material or glass defining a capillary channel coupled to said tube (12) in fluidic continuity.



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

(19) INDIA

(22) Date of filing of Application :09/02/2015

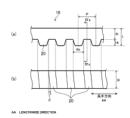
(43) Publication Date : 08/01/2016

(54) Title of the invention : TOOTHED BELTS AND BELT REDUCTION GEARS PROVIDED WITH 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 	:PCT/JP2013/004200 :05/07/2013 :WO 2014/024377 :NA	 (71)Name of Applicant : 1)BANDO CHEMICAL INDUSTRIES LTD. Address of Applicant :6 6 Minatojima Minamimachi 4 chome Chuo ku Kobe shi Hyogo 6500047 Japan (72)Name of Inventor : 1)SEKIGUCHI Yuji 2)NAKASHIMA Eijiro
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A toothed belt (16) comprises a back and a plurality of helical teeth (2) disposed at a fixed pitch along the direction of the belt length and provided on the inner peripheral side of the back. An angle () formed by the direction in which the tooth trace of a helical tooth extends and the belt width direction is 7 to 10 degrees. When a ratio (A) is A = 100 x tb/hb where tb is the back thickness and hb is the tooth height of the helical tooth (20) A is 120% to 240%.



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

(19) INDIA

(22) Date of filing of Application :11/02/2015

(21) Application No.315/MUMNP/2015 A

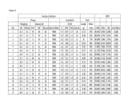
(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR CROSSED CLAISEN CONDENSATION REACTIONS PROMOTED BY LITHIUM AMIDE IN LIQUID AMMONIA

(51) International classification	:C07C67/343,C07C253/30,C01B21/092	(71)Name of Applicant •
(31) Priority Document No	:1212777.5	1)BAKHU PHARMA LIMITED
(32) Priority Date	:18/07/2012	Address of Applicant :34 Thursby Road Bromborough Wirral CH62
· · ·	:U.K.	3PW U.K.
(86) International Application No	:PCT/GB2013/051926	(72)Name of Inventor :
Filing Date	:18/07/2013	1)LEECE Colin
(87) International Publication No	:WO 2014/013261	2)PROCTOR Lee David
(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 use of lithium amide in liquid ammonia as a base to produce an enolate from at least one ester starting material in a crossed Claisen condensation reaction wherein at least one ester starting material is a hydroxy ester. Also provided is a method of producing lithium amide in situ for use in a crossed Claisen condensation reaction wherein lithium is added to liquid ammonia followed by an electron transfer agent as well as a method of carrying out a crossed Claisen condensation reaction using an ester starting material and a hydroxy ester using lithium amide in liquid ammonia produced in situ.



No. of Pages : 21 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :09/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD SYSTEM AND APPARATUS FOR SETTING INSULIN DOSAGES FOR DIABETICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F19/00,A61B5/145,A61M5/172 :61/670,275 :11/07/2012 :U.S.A. :PCT/CA2012/000960 :17/10/2012 :WO 2014/008574 :NA :NA	 (71)Name of Applicant : 1)THOMSON Caren Frances Address of Applicant :11893 Baker Place Delta British Columbia V4E 2V8 Canada (72)Name of Inventor : 1)THOMSON Caren Frances
Number Filing Date	:NA :NA	

(57) Abstract :

A more accurate method of determining a Carbohydrate to Insulin Ratio for an individual diabetic is provided. The individual who has been using or has been given a prior suggested dosage of rapid acting insulin to be taken prior to meals first plans a benchmark meal (the Meal) and precisely counts the number of grams of carbohydrates which will be consumed in the meal. The individual blood glucose level is measured before the meal then the previous dosage of rapid acting insulin is injected. After the meal another reading is taken of the individual s blood sugar level. The number of units X of carbohydrates for each unit of rapid acting insulin to be taken before future meal is then calculated by a unique formula.



No. of Pages : 19 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :16/02/2015

(21) Application No.336/MUMNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE

(51) International classification	:G01N33/50	(71)Name of Applicant :
(31) Priority Document No	:61/679514	1)ASTUTE MEDICAL INC.
(32) Priority Date	:03/08/2012	Address of Applicant :Blg 2 R. 645 3550 General Atomics Court San
(33) Name of priority country	:U.S.A.	Diego CA 92121 U.S.A.
(86) International Application No	:PCT/US2013/053509	(72)Name of Inventor :
Filing Date	:02/08/2013	1)ANDERBERG Joseph
(87) International Publication No	:WO 2014/022824	2)GRAY Jeff
(61) Patent of Addition to Application Number	:NA	3)McPHERSON Paul
Filing Date	:NA	4)NAKAMURA Kevin
(62) Divisional to Application Number	:NA	5)KAMPF James Patrick
Filing Date	:NA	

(57) Abstract :

The present invention relates to methods and compositions for monitoring diagnosis prognosis and determination of treatment regimens in subjects suffering from or suspected of having a renal injury. In particular the invention relates to using a one or more assays configured to detect a kidney injury marker selected from the group consisting of Ceruloplasmin and Annexin A2 as diagnostic and prognostic biomarkers in renal injuries.

No. of Pages : 78 No. of Claims : 121

(22) Date of filing of Application :11/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ANNULAR OPTICAL SPACER, IMAGE LENS SYSTEM, AND MOBILE TERMINAL

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:61/947,442	1)LARGAN PRECISION CO., LTD.
(32) Priority Date	:04/03/2014	Address of Applicant :No.11, Jingke Rd., Nantun Dist., Taichung City
(33) Name of priority country	:U.S.A.	408, Taiwan, R.O.C. Taiwan
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)Cheng-Feng LIN
(87) 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 :

TITLE.: ANNULAR OPTICAL SPACER, IMAGE LENS SYSTEM, AND MOBILE TERMINAL An annular optical spacer includes a first side portion, a second side portion, an outer annular portion, an inner annular portion and an anti-reflective layer. The second side portion is opposite to the first side portion. The outer annular portion connects the first side portion with the second side portion. The inner annular portion connects the first side portion and a central axis of the annular optical spacer is shorter than a vertical distance between the outer annular portion and the central axis of the annular optical spacer. The inner annular portion includes at least one rugged surface. The rugged surface includes a plurality of annular portuding structures, and the annular portuding structures are coaxially arranged around the central axis. The anti-reflective layer is on top of the rugged surface.

No. of Pages : 69 No. of Claims : 21

(22) Date of filing of Application :12/02/2015

(21) Application No.318/MUMNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SECURING DATABASES AGAINST PIRACY ATTACKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/605805 :06/09/2012 :U.S.A. :PCT/US2013/051528 :22/07/2013 :WO 2014/039172 :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)BHATIA Ashok 2)SHANG Ning 3)YANG Yafei
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

A database for location or geographic based services is secured by requiring location based requests to include a unique identifier that identifies the location as well as an authorization identifier associated with the location. The authorization identifier is information that is obtained by being physically present at the location such as information from access points that are at the location or a position fix when present at the location. The authorization identifier may be non unique but relatively time invariant making such information easily crowdsourced but difficult to obtain unless physically present at the location. For example the authorization identifier may be an SSID or a Beacon Frame or a hash thereof from one or more devices at the location or a position fix.

No. of Pages : 38 No. of Claims : 59

(22) Date of filing of Application :11/02/2015

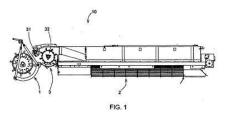
(43) Publication Date : 08/01/2016

(54) Title of the invention : THRESHING AND SEPARATING DEVICE AND COMBINE HARVESTER HAVING THE SAME

(51) International classification	:A01D	(71)Name of Applicant :
(31) Priority Document No	:201410061976.X	1)JOHN DEERE (TIANJIN) CO., LTD.
(32) Priority Date	:24/02/2014	Address of Applicant :NO. 89, 13TH AVENUE, TEDA, TIANJIN,
(33) Name of priority country	:China	300457, CHINA China
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BENJAMIN CHITAT SUEN
(87) International Publication No	: NA	2)FENGBIN PANG
(61) Patent of Addition to Application Number	:NA	3)HONGYUAN WANG
Filing Date	:NA	4)JUNBANG LI
(62) Divisional to Application Number	:NA	5)BAOHUAN ZHEN
Filing Date	:NA	6)XIUBING PANG

(57) Abstract :

Disclosed is a threshing and separating device, comprising a first threshing and separating mechanism, a second threshing and separating mechanism, and an intermediate feeding mechanism therebetween. The first threshing and separating mechanism comprises a first cylinder in a form of a toothed rod and a first concave in a form of a wire-grate, and a surface of the first concave facing the first cylinder is provided with no part protruding into a tip circle of threshing teeth of the first cylinder; the second threshing and separating mechanism comprises two second cylinders in a form of a toothed rod which are arranged in parallel and corresponding second concaves in a form of a wire-grate, and a surface of each second concave facing the respective second cylinder is provided with no part protruding into a tip circle of threshing teeth of the second cylinder; each second cylinder comprises a forced feeding portion located at front end thereof and comprising a truncated cone and helical blades on the truncated cone; and a toothed-rod cylinder portion located behind the forced feeding portion and comprising a plurality of second rods parallel to the rotation axis of the second cylinder and uniformly arranged in a circumferential direction thereof, each second rod is provided with a plurality of second threshing teeth. The present invention also relates to a combine harvester comprising the threshing and separating device.



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

(22) Date of filing of Application :06/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DIGITAL OR ELECTRONIC POWER OF ATTORNEY SERVICE

(51) International classification	:H04L,	(71)Name of Applicant :
(31) International elassification	G06Q	1)IMS HEALTH INCORPORATED
(31) Priority Document No	:14/176,947	Address of Applicant :83 WOOSTER HEIGHTS ROAD,
(32) Priority Date	:10/02/2014	DANBURY, CONNECTICUT 06810, UNITED STATES OF
(33) Name of priority country	:U.S.A.	AMERICA U.S.A.
(86) International Application No	:PCT// /	(72)Name of Inventor :
Filing Date	:01/01/1900	1)HUSSAM MAHGOUB
(87) International Publication No	: NA	2)CHARLES BLAIR
(61) Patent of Addition to Application Number	:NA	3)RYAN FUNG
Filing Date	:NA	4)ELKIN FLOREZ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method to process a digital power of attorney (DPOA), the method including: receiving a request from the grantor to create a DPOA to name a predetermined grantee; transmitting the request to an authentication server in order to authenticate the request; receive an authentication result from the authentication server; and if the authentication server is positive, issuing the DPOA to the predetermined grantee. The method may further include receiving a request from a purported grantee or from a digital service provider to exercise the DPOA; authenticating, by the authentication server, an identity of the purported grantee; if the purported grantee is the predetermined grantee, verifying a condition of usage of the DPOA; and if the condition is verified, granting a power specified by the DPOA.

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

(22) Date of filing of Application :06/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR REMOTE ACCESS, REMOTE DIGITAL SIGNATURE

(51) International classification(31) Priority Document No(32) Priority Date	:H04L :14/176,963 (US) :10/02/2014	 (71)Name of Applicant : 1)IMS HEALTH INCORPORATED Address of Applicant :83 WOOSTER HEIGHTS ROAD, DANBURY, CONNECTICUT 06810, United States of America U.S.A.
(33) Name of priority country(86) International Application No Filing Date	:U.S.A. :PCT// / :01/01/1900	(72)Name of Inventor : 1)CHARLES BLAIR
 (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	3)RYAN FUNG 4)HUSSAM MAHGOUB 5)ELKIN FLOREZ

(57) Abstract :

ABSTRACT SYSTEM AND METHOD FOR REMOTE ACCESS, REMOTE DIGITAL SIGNATURE System and method to digitally validate a document, the method including:. receiving, by a secure development platform (SDP), a security information from an end user, the SDP comprising an SDP processor coupled to a secure SDP memory; exchanging a security token with a user device based upon the security information; receiving, from the user device, a request for a digital certificate; managing and storing public/private key pairs; transmitting, to the PKI service processor, the request for a digital certificate; if information in the request for a digital certificate is correct: creating the digital certificate; and receiving the digital certificate from the PKI service processor; and storing the digital certificate in the secure SDP memory, the secure SDP memory not directly accessible by the user device, the SDP processor configured to request a signature generation by use of the private key associated with the digital certificate, the SDP processor configured to request a validation by use of the digital certificate.

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

(22) Date of filing of Application :10/02/2015

(21) Application No.301/MUMNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : CARRYING 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 	:A45F3/04,A45F3/12,A45F3/14 :12508255 :12/07/2012 :Sweden :PCT/EP2013/064732 :11/07/2013 :WO 2014/009493 :NA	 (71)Name of Applicant : 1)COXA CARRY AB Address of Applicant :Vallgatan 13 S 296 31hus Sweden (72)Name of Inventor : 1)BERGKVIST Claes
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A carrying system comprising four carrying straps (3 4 5 6) wherein a first and a third carrying strap (4 6) are provided with a connecting body (7) which is fixed at an end of each of the two carrying straps (4 6) and each and one of the remaining second and fourth carrying straps (3 5) are provided with each a fastening body (8) which is fixed at the corresponding end of the carrying strap (3 5) wherein said at least one connecting body (7) is adapted to connect said respective fastening bodies (8).

Fig. 2 No. of Pages : 25 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :12/02/2015

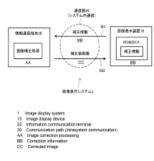
(43) Publication Date : 08/01/2016

(54) Title of the invention : IMAGE DISPLAY DEVICE AND IMAGE DISPLAY METHOD INFORMATION COMMUNICATION TERMINAL AND INFORMATION COMMUNICATION METHOD AND IMAGE DISPLAY SYSTEM

(51) International classification	:G09G5/00,G09G3/20,G09G5/02 :2012-187028	(71)Name of Applicant : 1)SONY CORPORATION
(31) Priority Document No		
(32) Priority Date	:27/08/2012	Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2013/070978	1)MUKAWA Hiroshi
Filing Date	:02/08/2013	
(87) International Publication No	:WO 2014/034378	
(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 makes it possible to process a two dimensional image to be viewed by a viewer suitably according to individual characteristics of an image display device and present the same. An image display device (10) stores correction information in a ROM (201A) and transmits read out correction information to an image providing device (20). In response to this the information communication terminal (20) performs color unevenness correction calculation according to the received correction information and thereafter transmits image information to the image display device (10). As a result on the image display device (10) side the received image information is displayed on a display panel (209) so that a virtual image optical section (210) allows a viewer to view an enlarged virtual image in which the color unevenness is canceled.



No. of Pages : 68 No. of Claims : 13

(22) Date of filing of Application :11/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR MANUFACTURING WHITE PIGMENT CONTAINING PRODUCTS

(51) International classification	:C09C1/02	(71)Name of Applicant :
(31) Priority Document No	:12181089.9	1)OMYA INTERNATIONAL AG
(32) Priority Date	:20/08/2012	Address of Applicant :Baslerstrasse 42 CH 4665 Oftringen
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/066666	(72)Name of Inventor :
Filing Date	:08/08/2013	1)S–TEMANN Jrg
(87) International Publication No	:WO 2014/029634	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns a process for manufacturing white pigment containing products. The white pigment containing products are obtained from at least one white pigment and impurities containing material via froth flotation.

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

(19) INDIA

(22) Date of filing of Application :13/02/2015

(21) Application No.326/MUMNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : 5 5 HETEROAROMATIC ANTI INFECTIVE COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:PCT/US2013/051125 :18/07/2013	 1)MORASKI, GARRETT Address of Applicant :122 FRANKLIN HILLS DRIVE BOZEMAN, MONTANA 59715 U.S.A. 2)MILLER, MARVIN J. 3)UNIVERSITY OF NOTRE DAME DU LAC (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 2014/015167 :NA :NA :NA	1)MORASKI Garrett 2)MILLER Marvin J.

(57) Abstract :

M. tuberculosis M. aviumM. tuberculosisM. aviumNThe invention provides a series of 5 5 heteroaromatic compounds syntheses

thereof compositions thereof and methods of using such compounds and compositions. Various embodiments provide methods of killing and/or inhibiting the growth of and/or and methods of treating preventing and/or ameliorating and/or infections in a subject. In various embodiments the 5 5 heteroaromatic compound is (4 (4 chlorophenoxy)benzyl) 2 6 dimethylimidazo[2 1 b]thiazole 5 carboxamide.

HAR CAR

No. of Pages : 71 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :03/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR PREPARATION OF (2S,3R,4R,5S,6R)-2-(3-((5-(4-FLUOROPHENYL)THIOPHEN-2-YL)METHYL)-4-METHYLPHENYL)-6-(HYDROXYMETHYL)TETRAHYDRO-2H-PYRAN-3,4,5-TRIOL •

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	: C07D409/10, C07C55/22 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat, I dia Gujarat India (72)Name of Inventor : 1)DESAI, Sanjay Jagdish 2)PARIHAR, Jayprakash Ajitsingh 3)PATEL, Jagdish Maganlal 4)SURYAWANSHI, Uday Suresh
(62) Divisional to Application Number	:NA	
	:NA	

(57) Abstract :

The Present invention provides a canagliflozin complex. The complex is provided with an adsorbent selected from activated carbon, silica gel, ionic or non-ionic polymer and a cyclodextrin or derivatives thereof. The invention also provides a process for the preparation of canagliflozin and its intermediates thereof. The invention further provides a process for the purification of canagliflozin.

No. of Pages : 36 No. of Claims : 18

(22) Date of filing of Application :03/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF SOFOSBUVIR AND INTERMEDIATES 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 	: C07D403/14, A61P31/14 :NA :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat, India Gujarat India (72)Name of Inventor : 1)DESAI, Sanjay Jagdish 2)PARIHAR, Jayprakash Ajitsingh 3)SHARMA, Piyush Rajendra
 (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	

(57) Abstract :

The present invention provides a novel process for the preparation of sofosbuvir of formula (A). The invention also provides novel intermediates and novel process for the preparation of the intermediates used for the preparation of sofosbuvir. Formula A

Formula A

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

(19) INDIA

(22) Date of filing of Application :03/07/2014

(21) Application No.2156/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A SPRAY DISPENSING KIOSK

(51) International classification	: G06Q20/18	(71)Name of Applicant : 1)RANGNANI MANAN
(31) Priority Document No	:NA	Address of Applicant :401, SANTA RITA APARTMENTS, ST.
(32) Priority Date	:NA	ALEXIUS ROAD, PALI NAKA, BANDRA WEST, MUMBAI - 400050
(33) Name of priority country	:NA	MAHARASHTRA, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RANGNANI MANAN
(87) 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 spray dispensing kiosk adapted to dispense a deodorant spray or a body spray or a perfume spray in response to a request signal from a user, said kiosk comprising: plurality of dispensing tubes that extend from said kiosk; at least a body mapping mechanism configured to map a userTMs body while said user is in front of said kiosk; at least a locating mechanism configured to locate said plurality of dispensing tubes in response to predetermined parameters and user-defined parameters or at least in response to signals from said at least a body mapping mechanism; and spraying mechanism configured to activate spraying through said dispensing tubes.

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

(22) Date of filing of Application :10/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : APPARATUS FOR MEASURING TURBIDITY AND METHOD FOR RAPIDLY MEASURING TURBIDITY

	G (1),	
(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:201410064219.8	1)SINSCHE TECHNOLOGY (HONGKONG) CO., LIMITED
(32) Priority Date	:25/02/2014	Address of Applicant :ROOM 1501(115), 15/F.SPA CENTRE, 53-55
(33) Name of priority country	:China	LOCKHART ROAD, WANCHAI, HONG KONG, CHINA. China
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)HUANG, Xiaoping
(87) International Publication No	: NA	2)GAO, Dan
(61) Patent of Addition to Application Number	:NA	3)RUAN, Jianming
Filing Date	:NA	4)HUANG, Chuhui
(62) Divisional to Application Number	:NA	5)HU, Liping
Filing Date	:NA	

(57) Abstract :

Disclosed is an apparatus for measuring turbidity, which includes a body case and includes a light source device, a light path absorption cell, a light path reception and detection module, a screen and a central processing unit, all of which are disposed on the body case. Spectrum of the light ray emitted by the light source device mainly has wavelengths in a range of 350nm to 1000nm. The spectrum has two peak wavelengths, one of which is in a range of 400nm to 500nm and has a half-peak width in a range of 55nm to 50nm, and the other of which is in a range of 550nm to 150nm. Also disclosed is a method for rapidly measuring turbidity. By means of the present invention, turbidity of water sample can be measured accurately, simply, steadily and in high sensitivity.

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

(22) Date of filing of Application :06/02/2015

(21) Application No.287/MUMNP/2015 A

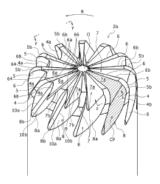
(43) Publication Date : 08/01/2016

(54) Title of the invention : MULTI FLUTE ENDMILL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B23C5/10 :2012166975 :27/07/2012 :Japan :PCT/JP2013/070147 :25/07/2013	 (71)Name of Applicant : 1)HITACHI TOOL ENGINEERING LTD. Address of Applicant :3F. Seavans North 2 1 Shibaura 1 chome Minato ku Tokyo 1050023 Japan (72)Name of Inventor : 1)BABA Makoto
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/017576 :NA :NA :NA :NA	2)HIRAI Jun ichi

(57) Abstract :

[Problem] To enhance the effect of discharging chips from gashes (7) and the effect of guiding the chips to blade grooves (8) when high speed high feed cutting is performed on a thin member such as an impeller made from a difficult to machine alloy using a multi edge end mill having gashes and blade grooves. [Solution] The rake face of a cutting edge (3) comprises: a rake face (6a) of an end cutting edge (6) disposed from the side at the rotation axis (O) to the radially outer circumferential side; and a rake face (4a) of an outer peripheral edge (4) which also functions as the rake face of a corner R edge (5) the rake face (4a) being formed adjacent to the rake face (6a) as a face that is different from the rake face (6a) of the end cutting edge (6). The point of intersection between a convex ridge line (64) which is located at the boundary between the rake face (6a) of the end cutting edge (6) and the rake face (4a) of the outer peripheral edge (4) and a convex ridge line (68) which is located at the boundary between the rake face (6a) of the end cutting edge (6) and the outer peripheral edge (8) of a blade groove (8) is arranged further toward the rotation axis (O) in the radial direction than the boundary between the flank face (5b) of the corner R edge (5) and the flank face (6b) of the end cutting edge (6).



No. of Pages : 61 No. of Claims : 4

(22) Date of filing of Application :01/07/2014

(21) Application No.2138/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : A system and method for exchanging loyalty point

	:	(71)Name of Applicant :
(51) International classification	G06Q10/02,	1)Infinia Services and Solutions JLT
	G06Q30/02	Address of Applicant :Unit No. 1901 - B, HDS Business Centre; Plot
(31) Priority Document No	:NA	No M1, Jumeira Lakes Towers; Dubai, PO Box:25371, United Arab
(32) Priority Date	:NA	Emirates U.A.E.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT//	1)Prashant Khattar
Filing Date	:01/01/1900	
(87) 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 system and a method for exchanging loyalty points. The system comprising at least one user device; an exchange server connected to the at least one user device through a communication network, the exchange server comprising: a control unit configured for: determining a cumulative value from the number of the loyalty points to be exchanged between at least two accounts selected by the user based upon a pre-determined exchange rate; and updating and notifying the cumulative value of each account to the user via the communication network, thereby exchanging the loyalty points between the accounts.

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

(22) Date of filing of Application :09/02/2015

(21) Application No.292/MUMNP/2015 A

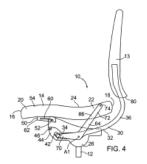
(43) Publication Date : 08/01/2016

(54) Title of the invention : CHAIR WITH ADJUSTABLE BACKREST AND SEAT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A47C1/032,A47C1/024 :61/696965 :05/09/2012 :U.S.A. :PCT/CA2013/000744 :27/08/2013 :WO 2014/036633 :NA	 (71)Name of Applicant : 1)GODREJ & BOYCE MFG CO LTD Address of Applicant :Pirojshanagar Vikhroli (West) Mumbai 400 079 Maharashtra Maharashtra India (72)Name of Inventor : 1)UNWALLA Jamshed
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An adjustable chair comprises chair support backrest a backrest support mechanism including at least one backrest arm pivotally connected to the support and a seat having front and rear regions and a seat surface. The chair includes first and second seat support mechanisms with the first mechanism adjustably connecting the front region of the seat and the second mechanism adjustably connecting the rear region. The second seat support mechanism includes at least one seat arm having front and rear arm extensions and connected to the support for pivotal movement about a horizontal axis. The rear arm extension is pivotally connected to the rear region of the seat. A toggle arrangement is pivotally mounted on the chair support and engages the front end section of the at least one seat arm and front end section of the at least one backrest arm.



No. of Pages : 33 No. of Claims : 21

(22) Date of filing of Application :14/02/2015

(21) Application No.330/MUMNP/2015 A

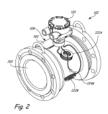
(43) Publication Date : 08/01/2016

(54) Title of the invention : MAGNETIC FLOWMETER WITH MULTIPLE COILS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:13/627,404 :26/09/2012 :U.S.A. :PCT/US2013/058472 :06/09/2013 :WO 2014/051966	 (71)Name of Applicant : 1)ROSEMOUNT INC. Address of Applicant :8200 Market Boulevard Chanhassen MN 55317 U.S.A. (72)Name of Inventor : 1)ROGERS Steven B.
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract :

A magnetic flowmeter (102) for measuring a flow of a process fluid includes a flowtube (108) arranged to receive the flow of the process fluid. Coils (222) are arranged adjacent the flowtube. First and second electrodes (224) are arranged to sense an electrical potential of the process fluid related to an applied magnetic field and a flow rate of the process fluid. The sensed electrical potential is used to calculate the flow rate of the process fluid through the flowtube (108).



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

(22) Date of filing of Application :04/07/2014

(21) Application No.2170/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM FOR ENABLING COMMUNICATION OF DIGITAL COPY OF PHYSICAL DOCUMENTS

(51) International classification	:G09B21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SPRYLOGIC TECHNOLOGIES LTD.
(32) Priority Date	:NA	Address of Applicant :A1, Aplab House, Wagle Estate, Thane,
(33) Name of priority country	:NA	Maharashtra, India Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)GHOSALKAR Parag Prabhakar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System for enabling communication of digital copy of physical documents is provided. The system comprises a first device (102). The first device (102) is configured to receive at least one physical document. The physical document is used by the first device (102) to generate at least one digital copy of the physical document. The first device (102) further, receives authentication information from a near field communication enabled device (114). The authentication information may be used to verify the authenticity of the near field communication enabled device (114). Upon successful authentication, the first device (102) is further configured to communicate at least a part of the digital copy of the physical document to the near field communication enabled device (114). Reference figure: FIG. 1B

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

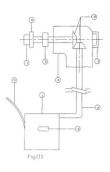
(22) Date of filing of Application :04/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : DRY PAINT SCRAPING MACHINE WITH FLEXIBLE DRIVE.

(57) Abstract :

The invention consists of flexible drive assy, compromising of flexible drive(1), Flexible shaft(2), Speed control switch(8), Mains cord(9) & Scraping unit consists of Motion assy Handle(3), Housing(4), Stopper(5), Washer(6), Allen screw(7), Drive Assy.(IO) fitted with Holder plate Assy.-- Metal base plate(11), Cushion cum holding plate(12) & Scraper plate(14) is mounted on it during actual scraping of paint on the wall; During usage, the Motion assy, fitted with Holder plate assy. & Scraper plate(14) is held against the wall paint of which is to be removed, & with the help of mains supply motor(1) is started that gives rotational motion to Drive assy, that starts rotating the Scraper plate (14) & removes paint on the wall easily. The process is repeated till the paint on the wall is removed completely.



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

(22) Date of filing of Application :09/02/2015

(21) Application No.294/MUMNP/2015 A

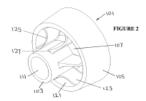
(43) Publication Date : 08/01/2016

(54) Title of the invention : CABLE GLANDS

(51) International classification	:H02G15/013,H02G15/04	(71)Name of Applicant :
(31) Priority Document No	:1212857.5	1)HUBBELL LIMITED
(32) Priority Date	:19/07/2012	Address of Applicant :Mitre House 160 Aldersgate Street London
(33) Name of priority country	:U.K.	EC1A 4DD GB
(86) International Application No	:PCT/GB2013/051941	(72)Name of Inventor :
Filing Date	:19/07/2013	1)JACKSON Carl
(87) International Publication No	:WO 2014/013267	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

A diaphragm seal (101) for a cable gland (Figure 1) has concentric inner (103) and outer (105) cylindrical seal walls connected at one end by a diaphragm (107) to define a cavity (121). The cavity (121) contains a plurality of support webs (125) that extend between the inner (103) and outer (105) seal walls. The webs (125) are provided on an exit side of the seal (101) and deform to assist insertion of the cable through the seal (101) from an entry side of the seal (101). The webs (12) resist inversion of the seal (101) when the pressure on the exit side is higher than the pressure on the entry side to create a pressure differential across the diaphragm (107).



No. of Pages : 26 No. of Claims : 45

(22) Date of filing of Application :09/02/2015

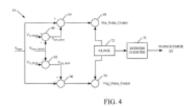
(43) Publication Date : 08/01/2016

(51) International classification	:G05B23/02	(71)Name of Applicant :
(31) Priority Document No	:13/631048	1)ROSEMOUNT INC.
(32) Priority Date	:28/09/2012	Address of Applicant :8200 Market Boulevard Chanhassen MN
(33) Name of priority country	:U.S.A.	55317 U.S.A.
(86) International Application No	:PCT/US2013/061170	(72)Name of Inventor :
Filing Date	:23/09/2013	1)RUD Jason H.
(87) International Publication No	:WO 2014/052232	2)ENGELSTAD Loren M.
(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 VARIABLE MEASUREMENT NOISE DIAGNOSTIC

(57) Abstract :

A process variable transmitter (10) includes an analog to digital (A/D) converter (22) that receives a sensor signal (20) provided by a sensor (18) that senses a process variable and converts the sensor signal (20) to a digital signal. A processor (24) receives the digital signal and provides a measurement output indicative of the digital signal. A noise detector (26) receives the sensor signal (20) and generates a first value indicative of a number of positive noise events relative to a positive threshold value and a second value indicative of a number of negative noise events relative to a negative threshold value. The processor (24) evaluates the noise count and generates a noise output indicative of detected noise based on the first and second values.



No. of Pages : 29 No. of Claims : 22

(22) Date of filing of Application :13/02/2015

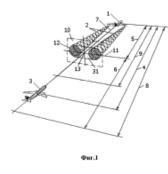
(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND ON BOARD SYSTEM FOR ENSURING DISTANCE MINIMA FOR LONGITUDINAL SEPARATION UNDER TURBULENT CONDITIONS FROM A VORTEX WAKE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:G06F19/26,G05D1/00,G01W1/00 :2012136930 :30/08/2012 :Russia	 (71)Name of Applicant : 1)FEDERAL STATE BUDGETARY INSTITUTION «FEDERAL AGENCY FOR LEGAL PROTECTION OF MILITARY SPECIAL AND DUAL USE INTELLECTUAL ACTIVITY RESULTS» (FSBI «FALPIAR») Address of Applicant :bld. 30 1 Berezhkovskaya nab. Moscow G 59
(86) International Application No	:PCT/RU2012/000717	GSP 5 123995 Russia
Filing Date	:30/08/2012	2)ALEKSEEV, SERGEY VIKTOROVICH
(87) International Publication No	:WO 2014/035282	3)BARANOV Nikolay Alekseevich
(61) Patent of Addition to Application	:NA	4)BELOTSERKOVSKIY Andrei Sergeevich
Number	:NA	5)KANEVSKIY Mikhail Igorevich
Filing Date		(72)Name of Inventor :
(62) Divisional to Application Numbe		1)ALEKSEEV Sergey Viktorovich
Filing Date	:NA	2)BARANOV Nikolay Alekseevich
		3)BELOTSERKOVSKIY Andrei Sergeevich
		4)KANEVSKIY Mikhail Igorevich

(57) Abstract :

With the aid of the proposed method and on board system standardized distance minima for longitudinal separation is ensured during flight of a second aircraft (3) behind a first aircraft (1) on take off or landing of said aircraft on one runway or on two parallel runways located near to each other or during flight one behind the other at near altitude levels in conditions where there is the risk of turbulence from the vortex wake of the first aircraft possibly being present along the direction of movement of the second aircraft wherein according to the invention continuous monitoring of the level of wake vortex flight safety of the second aircraft (3) is carried out in a buffer zone (6) which surrounds said aircraft and is selected on the basis of the direction of the standardized distance minimum taking into account pilot reaction time and the time for the system for controlling the second aircraft to respond to a command to change the speed of movement of the aircraft and in a situation in which the level of wake vortex safety is reduced a command is supplied to change the speed of the second aircraft to ensure that the aircraft flies at distances greater than the standardized minimum separation distance (5) and less than the calculated maximum distance (8) recommended between aircraft with the pilot being presented with the option of independently changing the speed of the aircraft by braking or accelerating during the continuous monitoring of the implementation of standardized requirements regarding longitudinal separation without a reduction in wake vortex safety.



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

(22) Date of filing of Application :13/02/2015

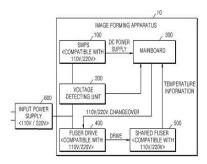
(43) Publication Date : 08/01/2016

(54) Title of the invention : FUSUR DRIVER AND METHOD OF SUPPLYING POWER TO FUSER

(57) Abstract :

A fuser driver that supplies power to a fuser of an image forming apparatus includes a detecting unit, which detects the magnitude of input power; a transformer, which transformed power and supplies the transformed power to the fuser; a relay, which changes a turns ratio of the transformer; a switching unit, which switches the input power applied to the transformer; and a control unit, which controls the relay based on the magnitude of the input power.

FIG. 1



No. of Pages : 27 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :09/02/2015

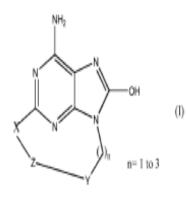
(43) Publication Date : 08/01/2016

(54) Title of the invention : MACROCYCLIC PURINES FOR THE TREATMENT OF VIRAL 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 	:12/07/2013	 1)JANSSEN R&D IRELAND Address of Applicant :Eastgate Village Eastgate Little Island Co Cork Ireland (72)Name of Inventor : BONFANTI Jean Fran§ois FORTIN Jr´me Michel Claude MULLER Philippe DOUBLET Frdric Marc Maurice RABOISSON Pierre Jean Marie Bernard
(62) Divisional to Application Number Filing Date	:NA :NA	6)ARNOULT Eric Pierre Alexandre

(57) Abstract :

This invention relates macrocyclic purine derivatives having formula (I) processes for their preparation pharmaceutical compositions and their use in treating viral infections.



No. of Pages : 167 No. of Claims : 5

(22) Date of filing of Application :02/07/2014

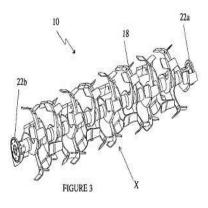
(43) Publication Date : 08/01/2016

(54) Title of the invention : A BLADE UNIT AND AN ASSEMBLAGE THEREOF TO FORM AN AERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	: A01B45/00, A01B45/02 :NA :NA :NA :NA :NA :NA :NA :NA	
(62) Divisional to Application NumberFiling Date	:NA :NA :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	2)SIHAG AMANDEEP 3)MOIDDIN SYED GOUSE

(57) Abstract :

The present invention discloses a blade unit and an assemblage thereof to form an aerator 10 to be operated by a work vehicle. The aerator 10 is formed by a plurality of blade units 18 rotatable supported on a support shaft. The aerator 10 is powered by torque received from the work vehicle via a power-take-off shaft. Each of the blade unit 18 includes a hub, a pair of tines and a cutter blade associated with each tine. The hub of each blade unit 18 includes an engaging portion defined on either ends of the hub. During operation of the aerator 10, each of the blade units 18 are engaged with each other via the engaging portions and torque is transmitted from one blade unit 18 to the other. This helps in reducing the stress force on the support shaft and also enables in easy replacement of damaged blade units 18, thereby reducing the maintenance cost and the shut down time of the aerator 10.



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

(22) Date of filing of Application :02/07/2014

(21) Application No.2145/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : ORAL PHARMACEUTICAL COMPOSITIONS OF OSPEMIFENE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	A61K9/14 :NA :NA :NA	Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD 380015 GUJARAT, INDIA Gujarat India (72)Name of Inventor :
(86) International Application No	:NA	1)KULKARNI SUSHRUT KRISHNAJI
Filing Date	:NA	
(87) 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 pharmaceutical compositions comprising ospemifene or a pharmaceutically acceptable salt thereof having an average particle size of more than 20 microns and one or more pharmaceutically acceptable excipients comprising at least one solubility enhancing agent. The compositions of the invention may be advantageously used for the treatment or prevention of atrophy-related diseases or disorders in women, especially in women during or after the menopause.

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

(22) Date of filing of Application :03/07/2014

(21) Application No.2164/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : ACETYLCHOLINESTERASE (AChE) INHIBITORS COATED NANOPARTICLES CONJUGATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	: C12Q1/68, G01N33/53 :NA :NA :NA :PCT// :01/01/1900 : NA	Gujarat, India Gujarat India (72)Name of Inventor : 1)KINNARI HARSUMANBHAI PAREKH 2)NIDHI PANKAJKUMAR PARIKH
(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 conjugates for treating neurodegenerative diseases such as AlzheimerTMs disease. The conjugate comprises of nanoparticles as core and at least one acetylcholinesterase inhibitors as a shell. AChE inhibitor is coated on the nanoparticles and directly binds with the nanoparticles.

No. of Pages : 43 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :03/07/2014

(21) Application No.2166/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : POLLUTION ANALYSIS

	:	(71)Name of Applicant :
(51) International classification	H04W24/00,	1)Somaiya Vidyavihar
	H04W24/02	Address of Applicant :Somaiya Bhavan, 45-47, Mahatma Gandhi
(31) Priority Document No	:NA	Road, Fort, Mumbai 400001, Maharashtra, India Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Gaurav Gandhi
(86) International Application No	:NA	2)Jay Visariya
Filing Date	:NA	3)Gaurang Shetty
(87) International Publication No	: NA	4)Dhiraj Gehlot
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is drawn to devices, systems and methods for analyzing pollution over a geographic area and providing a solution for reducing pollution. The invention has been designed to provide a user data regarding pollution in a particular region, wherein the pollution measured by the device, systems and methods of the present invention can be accessed by a user through an application running on electronic device such as a cell phone, computer, laptop, or other dedicated electronic devices.

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

(22) Date of filing of Application :16/02/2015

(21) Application No.334/MUMNP/2015 A

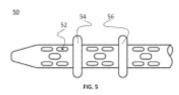
(43) Publication Date : 08/01/2016

(54) Title of the invention : IMPROVED NASOGASTRIC TUBE

. ,		
(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:61/684,363	1)SALVINO Chris
(32) Priority Date	:17/08/2012	Address of Applicant :925 E McDowell Rd Phoenix AZ 85006 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2013/055554	1)SALVINO Chris
Filing Date	:19/08/2013	
(87) International Publication No	:WO 2014/028922	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A nasogastric (NG) tube for placement into the lumen of the stomach by way of a nostril having a tapered tip a lubricious coating and one or more expandable balloons that surround drainage ports. During insertion into the stomach the tapered tip and lubricious coating facilitate the tube traversing the patient s nasopharynx and esophagus with reduced injury. During insertion the expandable balloons are maintained in a low profile state but upon reaching the stomach lumen are expanded to a high profile state and improve drainage by pushing the stomach wall away from the drainage ports.



No. of Pages : 22 No. of Claims : 18

(22) Date of filing of Application :06/02/2015

(21) Application No.401/MUM/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : SEMICONDUCTOR POWER CONVERSION APPARATUS

(51) International classification	:H02M1/00 :JP 2014-	(71)Name of Applicant : 1)FUJI ELECTRIC CO., LTD.
(31) Priority Document No	083820	Address of Applicant :1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-
(32) Priority Date	:15/04/2014	shi, Kanagawa 210-9530 Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT// /	1)Hiroshi JOICHI
Filing Date	:01/01/1900	2)Takahiro SAKAI
(87) International Publication No	: NA	3)Yosuke UNO
(61) Patent of Addition to Application Number	:NA	4)Takehiro NAKAJIMA
Filing Date	:NA	5)Tsukasa TAKAYASHIKI
(62) Divisional to Application Number	:NA	6)Masaru OOBUCHI
Filing Date	:NA	

(57) Abstract :

A semiconductor power conversion apparatus including a housing containing a semiconductor power conversion unit, an air filter provided in an intake part provided in the housing and configured to inspire cooling wind from outside, and a magnetic powder adsorption filter provided outside the air filter and configured to adsorb magnetic dusts.

No. of Pages : 21 No. of Claims : 6

(22) Date of filing of Application :04/07/2014

(21) Application No.2216/MUM/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : LOPINAVIR : OXALIC ACID CO-CRYSTAL AND PROCESS FOR ITS PREPARATION

(51) International classificationC07D411/04, A61K31/675(31) Priority Document No:NA	-/
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(57) Abstract :

The present invention relates to a process for the preparation of lopinavir : oxalic acid co-crystal comprising crystallization of lopinavir and oxalic acid in a suitable solvent.

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

(22) Date of filing of Application :10/02/2015

(21) Application No.302/MUMNP/2015 A

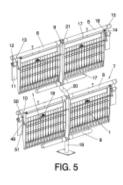
(43) Publication Date : 08/01/2016

(54) Title of the invention : RUG CLEANING DEVICE

(51) International classification	:D06G1/00	(71)Name of Applicant :
(31) Priority Document No	:U201230882	1)CABRAL BETANCOR Antonio
(32) Priority Date	:14/08/2012	Address of Applicant :Rubn Marichal L3pez 80 E 38004 Santa Cruz
(33) Name of priority country	:Spain	de Tenerife Spain
(86) International Application No	:PCT/ES2013/070519	(72)Name of Inventor :
Filing Date	:18/07/2013	1)CABRAL BETANCOR Antonio
(87) International Publication No	:WO 2014/027125	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Rug cleaning device having at least one washing basket (1) in the form of a cage designed to hold the rug in an adjacent unfolded arrangement. The basket (1) comprises at least one V shaped metal mesh (2) defined by two sections that converge along a lower edge (3) with a free end (6) on the side opposite the lower edge (3) on each convergent section the rug being placed in the basket (1) via said free end and with two side ends (4) that delimit the sides of the cage. The device comprises a holder (7) to which the basket (1) is pivotably attached by pivot means in such a way that it can pivot about the transverse axis thereof or longitudinal axis thereof.



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

(22) Date of filing of Application :12/02/2015

(21) Application No.459/MUM/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : FUEL FOR SELF-IGNITION ENGINES BASED ON POLYOXYMETHYLENE DIALKYL ETHERS

	C101	
(51) International classification	:C10L	(71)Name of Applicant :
(31) Priority Document No	:DE102014101947.4	1)MAN Truck & Bus AG
(32) Priority Date	:17/02/2014	Address of Applicant :Dachauer Strae 667, 80995 M ¹ /4nchen,
(33) Name of priority country	:Germany	Germany Germany
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)JACOB, Eberhard
(87) International Publication No	: NA	2)PAST–TTER, Christian
(61) Patent of Addition to Application Number	:NA	3)ROTHE, Dieter
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel for self-ignition engines is described containing the following constituents: a) at least one low-molecular polyoxymethylene dialkyl ether of the formula RO(-CH2O-)nR, wherein R is an alkyl group and n is 1 to 5, b) 0.005 to 5 % by weight of at least one higher-molecular polyalkylene glycol alkyl ether of the formula R1O(-CH2-CHR2-O-)nH as well as mixed polymers thereof and/or of the formula H(-O-CHR2-CH2-)n-O-CH2-CH2-O(-CH2-CHR2-O-)nH as well as mixed polymers thereof, wherein R1 is an alkyl group, R2 is a hydrogen group or methyl group and n is 10 to 55, as well as mixtures of these polyalkylene glycol alkyl ethers, c) 0 to 20 % by weight of at least one higher-molecular polyoxymethylene dialkyl ether of the formula RO(-CH2O-)nR, wherein R is an alkyl group and n is 6 to 10, d) 0 to 5 % by weight of at least one higher-molecular polyotymethylene dialkyl ether of the formula RO(-CH2O-)nR, wherein R is an alkyl group and n is 11 to 23, e) 0 to 0.5 % by weight of at least one organic peroxide compound, f) 0 to 0.1 % by weight of at least one longer-chain fatty acid and g) 0 to 12 % by weight dimethyl ether, wherein the proportion missing to 100 % by weight falls to the at least one low-molecular polyoxymethylene dialkyl ether.

No. of Pages : 27 No. of Claims : 19

(22) Date of filing of Application :06/02/2015

(21) Application No.285/MUMNP/2015 A

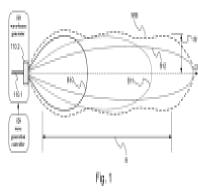
(43) Publication Date : 08/01/2016

(54) Title of the invention : FRIEND OR FOE IDENTIFICATION SYSTEM AND 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 	:G01S17/74,G01S13/70 :221365 :09/08/2012 :Israel :PCT/IL2013/050677 :08/08/2013 :WO 2014/024196 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ISRAEL AEROSPACE INDUSTRIES LTD. Address of Applicant :Ben Gurion International Airport 701000 Lod Israel (72)Name of Inventor : 1)AHARONI Abraham 2)LOU ALON David 3)YIFRACH Aharon
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(57) Abstract :

There are provided methods and systems for producing a wave beam having substantially constant lateral extent over a desired range of distances and interrogation and response system and methods utilizing the same. The method for producing a wave beam having substantially constant lateral extent includes generating a plurality of at least partially incoherent constituent wave beams having different divergences and directing the plurality constituent wave beams to propagate along substantially parallel propagation axes such that the constituent wave beams at least partially overlap and superpose to form a combined wave beam. The divergences and intensities of the constituent wave beams are selected such that the combined wave beam has a desired substantially constant lateral extent over a desired range of distances along said propagation axes.



No. of Pages : 119 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :10/02/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SEAMING ELEMENT FOR INDUSTRIAL TEXTILES AND METHOD OF MANUFACTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16G3/02,D21F1/12,D21F7/10 :2,795,208 :13/11/2012 :Canada :PCT/CA2013/000960 :12/11/2013 :WO 2014/075170 :NA :NA :NA	 (71)Name of Applicant : 1)ASTENJOHNSON INC. Address of Applicant :4399 Corporate Road Charleston South Carolina 29405 U.S.A. (72)Name of Inventor : 1)MANNINEN Allan R.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A seaming element for an industrial textile and a method of manufacture. The seaming element comprises an elongate body folded along its length at a folded connection region comprising a plurality of channelled protrusions securable to corresponding channelled protrusions of a complementary seaming element affixed to an opposing seamable edge. First and second body members extend from respective edges of the folded connection region each body member being directly securable to the first seamable edge. At least one of the body members comprises a longitudinal profiled region proximate and substantially parallel to a free edge of the respective member. The method includes providing an array of apertures to form the channelled protrusions and the profiled region is formed in a progressive roll forming process. The seaming element enables improved consistency and reliability of bonding of the element to the textile by laser welding adhesives or other methods.

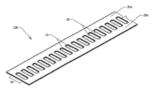


FIGURE -

No. of Pages : 41 No. of Claims : 23

(22) Date of filing of Application :12/02/2015

(21) Application No.322/MUMNP/2015 A

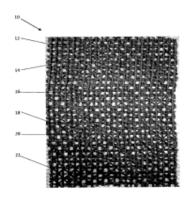
(43) Publication Date : 08/01/2016

(54) Title of the invention : REINFORCED RUBBERISED TRANSPORT SYSTEMS

(51) International classification	:B60C9/10,B65G15/34,F16L9/128	(71)Name of Applicant ·
(31) Priority Document No	:2012/06124	1)COETZEE Frederick James
(32) Priority Date	:15/08/2012	Address of Applicant :Corner Anderson and Moorewood Roads
(33) Name of priority country	:South Africa	Hammarsdale Kwa Zulu Natal 3700 Durban South Africa
(86) International Application No	:PCT/ZA2013/000064	(72)Name of Inventor :
Filing Date	:12/08/2013	1)COETZEE Frederick James
(87) International Publication No	:WO 2014/028949	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Numbe		
Filing Date	:NA	

(57) Abstract :

An aramid carcass highly bondable to vulcanised rubber and which comprises a multiaxial composite fabric (10) made of layers of parallel yarns (12) laid in different orientations !ayer by !ayer and stitched together the layers of the yarn creating a mesh like fabric (10) through which vulcanised rubber can penetrate the multiaxial composite fabric (10) treated with RFL (Resorcinol Formaldehyde Latex) adhesive.



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

(22) Date of filing of Application :01/07/2014

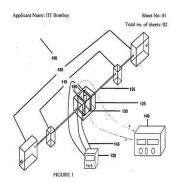
(43) Publication Date : 08/01/2016

(54) Title of the invention : ULTRA-PORTABLE MICRO-SOLID OXIDE FUEL CELL TESTING SETUP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H01M8/24, H01M2/00 :NA :NA :NA :NA :NA :NA : NA	 (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI MUMBAI - 400076, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor : 1)SIDDHARTHA P DUTTAGUPTA 2)PATIL TARKESHWAR CHANDRAKANT
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

A portable μ - solid oxide fuel cell test setup, comprising a chamber (130), a micro gas flow controller powered by a battery for controlling fuel flow to the device under test, a portable gas canister for fueling the device through a gas bubbler to the chamber (130) and a programmable electronic load for characterizing the device. The chamber (130) further comprises a fuel cell seat arranged to receive a device under test and a microheater (150) to provide thermal energy to the chamber (130) to simulate a predetermined thermal environment.



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

(19) INDIA

(22) Date of filing of Application :01/07/2014

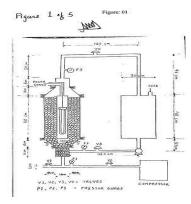
(43) Publication Date : 08/01/2016

(54) Title of the invention : TREATMENT OF WASTE WATER EFFLUENT ON A CONTINUOUS MODE USING PHOTO-OXIDATION MARBLE COLUMN

(51) International classification:C09K8(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country: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	 (71)Name of Applicant : 1)MOHOD ASHISH VISHWANATH Address of Applicant :DEPARTMENT OF CHEMICAL ENGINEERING, AISSMS COLLEGE OF ENGINEERING, KENNEDY ROAD, PUNE-411 001, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor : 1)MOHOD ASHISH VISHWANATH 2)GOGATE PARAG RATNAKAR 3)MAHALE DEEPIKA DILIP 4)PATIL NILESH NEMGONDA 5)KARNJIKAR YOGESH SANJAY 6)PANDEY NISHANTBHASKAR SHATRUGHAN 7)BANERJEE BARNALI SHAYMAPROSAD 8)DINDE RAVEENA MARUTI 9)DALBHANJAN RACHANA RAVI 10)MAHAJAN SUYOG NATHU
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(57) Abstract :

The present invention relates to the treatment of wastewater using photo-oxidation marble column. The present invention relates to the improvement in air marble cavitation comprising (he four different compartments, providing C'V lamp and storage tank and achieving combined treatment leading to bet er effectiveness. The present invention also provides a new cavitation method a.id apparatus. The major advantage of this apparatus is easy assembly, maintenance and operation.



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

(22) Date of filing of Application :06/02/2015

(21) Application No.278/MUMNP/2015 A

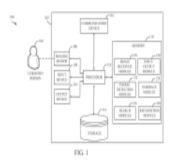
(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR FACIAL 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 	:G06K9/00,G06K9/62,G06K9/46 :61/683574 :15/08/2012 :U.S.A. :PCT/US2013/053973 :07/08/2013 :WO 2014/028286 :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)QI Yingyong 2)BI Ning 3)GUO Feng
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Apparatus and methods for facial detection are disclosed. A plurality of images of an observed face is received for identification. Based at least on two or more selected images of the plurality of images a template of the observed face is generated. In some embodiments the template is a subspace generated based on feature vectors of the plurality of received images. A database of identities and corresponding facial data of known persons is searched based at least on the template of the observed face and the facial data of the known persons. One or more identities of the known persons are selected based at least on the search.



No. of Pages : 33 No. of Claims : 21

(22) Date of filing of Application :16/02/2015

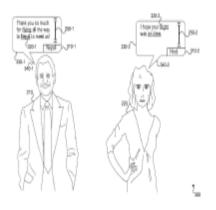
(43) Publication Date : 08/01/2016

(54) Title of the invention : LEVERAGING HEAD MOUNTED DISPLAYS TO ENABLE PERSON TO PERSON INTERACTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G10L15/26,G06F17/28 :61/702614 :18/09/2012 :U.S.A. :PCT/US2013/055900 :21/08/2013 :WO 2014/046833 :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)FORUTANPOUR Babak 2)BAKER Daniel S.
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(57) Abstract :

Various arrangements for using an augmented reality device are presented. Speech spoken by a person in a real world scene may be captured by an augmented reality (AR) device. It may be determined that a second AR device is to receive data on the speech. The second AR device may not have been present for the speech when initially spoken. Data corresponding to the speech may be transmitted to the second augmented reality device.



No. of Pages : 61 No. of Claims : 38

(22) Date of filing of Application :11/02/2015

(21) Application No.312/MUMNP/2015 A

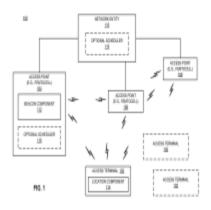
(43) Publication Date : 08/01/2016

(54) Title of the invention : BEACON TIMESLOT ALLOCATION

(51) International classification(31) Priority Document No(32) Priority Date	:H04W24/02,H04W64/00 :13/619,693 :14/09/2012	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International Ip Administration 5775
(33) Name of priority country	:U.S.A.	Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/059825 :13/09/2013	(72)Name of Inventor : 1)TINNAKORNSRISUPHAP Peerapol
(87) International Publication No	:WO 2014/043589	2)RAMAN Vijay
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

Beacon transmissions by access points (e.g. femtocells) are controlled in an attempt to increase the number of beacons seen by the access terminals in the vicinity of the access points. In some aspects interference between beacons is reduced by for example scheduling beacon transmissions of neighboring access points at different times. In some aspects beacon transmissions are scheduled in a manner (e.g. allocated in substantially contiguous timeslots and/or allocated to different frequencies) that enables access terminals to acquire all relevant beacons in a relatively short time frame.



No. of Pages : 72 No. of Claims : 50

(22) Date of filing of Application :16/02/2015

(21) Application No.332/MUMNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN ARTICULATING PATIENT POSITIONING APPARATUS

(51) International classification:A61B6/04,A61(31) Priority Document No:61/682,279(32) Priority Date:12/08/2012(33) Name of priority country:U.S.A.(86) International Application No:PCT/US2013/0Filing Date:07/08/2013(87) International Publication No:WO 2014/0282(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA	1)BENTOLILA Ariel S. Address of Applicant :3739 Balboa St. # 243 San Francisco CA 94121 U.S.A. (72)Name of Inventor : 1)CAMPAGNA Michael
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(57) Abstract :

An apparatus comprises means for engaging a patient platform. The means comprises at least one layer of laminar sheeting of radio lucent material. At least one anatomical support member which comprises at least one layer of laminar sheeting of radio lucent material. At least one articulating joint unit is in engagement with the at least one of anatomical support member. The at least one articulating joint unit comprise at least one layer of laminar sheeting of radio lucent material with a primarily non metallic connector at a central pivot point. The at least one articulating joint unit is positionable in at least a vertical and horizontal orientations enabling positioning of portions of an anatomy in three dimensions along x y and z axes. At least one primarily non metallic locking member is configured to lock the at least one articulating joint unit at selectable position(s) in which a load bearing stress is spread across lengths of the laminar sheeting to mitigate a susceptibility to stress fractures and load failure.

No. of Pages : 105 No. of Claims : 43

(19) INDIA

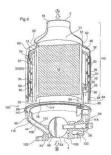
(22) Date of filing of Application :04/01/2013

(43) Publication Date : 08/01/2016

(54) Title of the invention : ANNULAR HEAT EXCHANGER		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F28D7/10,F28F13/00,F28F27/02 :12/813830 :11/06/2010 :U.S.A. :PCT/CA2011/050355 :10/06/2011 :WO 2011/153643 :NA :NA :NA	 (71)Name of Applicant : 1)DANA CANADA CORPORATION Address of Applicant :656 Kerr Street Oakville Ontario L6K 3E4 Canada (72)Name of Inventor : 1)BURGERS John G. 2)MARTIN Michael A. 3)GERGES Ihab Edward 4)PALANCHON Herv

(57) Abstract :

An annular heat exchanger for cooling hot gases comprises an inner shell an intermediate shell and an outer shell. Where the heat exchanger is integrated with a catalytic converter for treatment of hot exhaust gases in a motor vehicle the inner shell contains a catalyst for treatment of the exhaust gases. Inner and outer gas flow passages are provided between the shells and a coolant flow passage is provided either on the outer surface of the outer shell or inbetween the intermediate and outer shells. The exhaust gases change direction twice as they pass through the heat exchanger and the annular structure of the heat exchanger provides a large surface area and a large flow section relative to volume and thereby provides effective heat exchange without significantly increasing space requirements.



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

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND COMPOSITION FOR DELIVERING ACTIVE INGREDIENT INTO AIR 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 	:2010177976 :06/08/2010 :Japan :PCT/JP2011/068212 :03/08/2011 :WO 2012/018141 :NA	 (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)HARADA Akiko 2)HADINGHAM Timothy C
(61) Patent of Addition to Application		2)HADINGHAM Timothy C
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

1231141The present invention is directed to a method and a spray composition for delivering an active ingredient into air. The spray composition comprises a carrier composition containing a glycol ether having a structure represented by the following General Formula: RO [CHCH(CH)O]n H (R is C C alkyl n is 2 or 3 (when n is 2 R is not methyl)) and an active ingredient mixed with the carrier composition wherein the carrier composition has a vapour pressure of less than 14Pa at 20°C. The method comprises the step of spraying the spray composition into air and optionally the step of preparing a spray composition by mixing the active ingredient with the carrier composition.

No. of Pages : 62 No. of Claims : 26

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 08/01/2016

(54) Title of the invention : CHOPPER APPARATUS

(51) International classification	:H02M7/72	(71)Name of Applicant :
(31) Priority Document No	:.	1)Mitsubishi Electric Corporation
(32) Priority Date	:13/02/2013	Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:	Tokyo 1008310 Japan
(86) International Application No	:PCT/JP2010/062710	(72)Name of Inventor :
Filing Date	:28/07/2010	1)ICHIHARA Masafumi
(87) International Publication No	:WO 2012/014292	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A chopper (4) has formed thereon plus side DC terminals (P1 P) that are connected to the plus side DC bus line of the chopper (4) and current of a DC bus line of an inverter (2) is made to be pulled into the chopper (4) via the plus side DC terminal (P1) and made to be returned to the DC bus line of the inverter (2) via the plus side DC terminal (P) by connecting the plus side DC terminals (P1 P) to the plus side DC terminals (P1 P) respectively.

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

(22) Date of filing of Application :13/02/2013

(43) Publication Date : 08/01/2016

(54) Title of the invention : BLOOD PLASMA BIOMARKERS FOR BEVACIZUMAB COMBINATION THERAPIES FOR TREATMENT OF BREAST 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 	:18/07/2011 :WO 2012/010552 :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)DE HAAS Sanne Lysbet 2)DELMAR Paul 3)FOERNZLER Dorothee 4)KLAUSE Ursula
Filing Date	:NA :NA	4)KLAUSE Ursula 5)SCHERER Stefan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides methods for improving the treatment effect of a chemotherapy regimen of a patient suffering from breast cancer in particular locally advanced recurrent or metastatic HER 2 negative breast cancer by adding bevacizumab (Avastin®) to a chemotherapy regimen by determining the expression level in particular the blood plasma expression level of one or more of VEGFA VEGFR2 and PLGF relative to control levels of patients diagnosed with breast cancer in particular locally advanced recurrent or metastatic HER 2 negative breast cancer. In particular the present invention provides methods of improving the treatment effect wherein the treatment effect is the progression free survival of the patient. The present invention further provides for methods for assessing the sensitivity or responsiveness of a patient to bevacizumab (Avastin®) in combination with a chemotherapy regimen by determining the expression level in particular the blood plasma expression level of one or more of VEGFA VEGFR2 and PLGF relative to control levels in patients diagnosed with breast cancer in particular locally advanced recurrent or metastatic HER 2 negative breast cancer.

No. of Pages : 100 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :13/02/2013

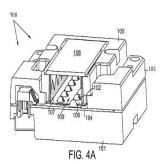
(43) Publication Date : 08/01/2016

(54) Title of the invention : LED BASED ILLUMINATION MODULES WITH PTFE COLOR CONVERTING SURFACES

(51) International classification	:F21V7/22,F21K99/00,F21Y101/02	(71)Name of Applicant : 1)XICATO INC.
(31) Priority Document No	:61/380672	Address of Applicant :4880 Stevens Creeks Blvd. Suite 204
(32) Priority Date	:07/09/2010	San Jose CA 95129 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application	:PCT/US2011/050258	1)TSENG Peter K.
No Filing Data	:01/09/2011	2)HARBERS Gerard
Filing Date (87) International Publication		
No	:WO 2012/033709	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

An illumination module (100) includes a plurality of Light Emitting Diodes (LEDs) (102) and a light conversion sub assembly (116) mounted near but physically separated from the LEDs. The light conversion sub assembly includes at least a portion that is a polytetrafluoroethylene (PTFE) material that also includes a wavelength converting material. Despite being less reflective than other materials that may be used in the light conversion sub assembly the PTFE material unexpectedly produces an increase in luminous output compared to other more reflective materials when the PTFE material includes a wavelength converting material.



No. of Pages : 46 No. of Claims : 20

(22) Date of filing of Application :07/01/2013

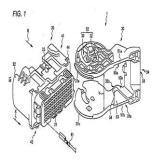
(43) Publication Date : 08/01/2016

(54) Title of the invention : LEVER TYPE CONNECTOR

(51) International classification	:H01R13/629	(71)Name of Applicant :
(31) Priority Document No	:2010156802	1)YAZAKI CORPORATION
(32) Priority Date	:09/07/2010	Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088333 Japan
(86) International Application No	:PCT/JP2011/066024	(72)Name of Inventor :
Filing Date	:07/07/2011	1)KOBAYASHI Tohru
(87) International Publication No	:WO 2012/005381	2)SUZUKI Tohru
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lever type connector in which workability in inserting terminals is enhanced is provided. A lever type connector 1 includes a connector housing 22 for containing terminals 61 at terminal ends of wires and a lever 30 which is rotatably mounted on the connector housing 22 and rotated at a wire extending side of the connector housing 22 thereby to move a mating connector to be engaged with the connector housing 22 up to a normally engaged position. The lever 30 includes a pair of arm parts 31 (31a 31b) and a connecting part 38 for interconnecting respective base end parts 51 (51a 51b) of the arm parts 31. A recess part 53 for enlarging a distance between the base end parts 51 is provided on at least one of inner walls 50 (50a 50b) of the base end parts 51 of the arm parts 31 which are opposed to each other.



No. of Pages : 38 No. of Claims : 3

(22) Date of filing of Application :08/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING A LIGHT WEIGHT SAREE

(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)K. SIVAKUMAR
(32) Priority Date	:NA	Address of Applicant :125, USMAN ROAD,
(33) Name of priority country	:NA	THEYAGARAYA NAGAR, CHENNAI, INDIA Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)K. SIVAKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

METHOD AND APPARATUS FOR PRODUCING A LIGHT WEIGHT SAREE The present invention relates to method and apparatus of producing a light weight saree. A method of preparing a light weight loom finished fabric comprises creating a lenova heald arrangement for making a lenova weave texture using one or more healds and one more nylon threads in a weaving machine and drawing yarn and one or more silk warp ends to create plain weave texture, lenova weave texture or combination of both plain wave texture and lenova weave texture. Making of lenova weave texture comprises creating a lenova heald arrangement for making a lenova weave texture using one or more nylon threads in a weaving machine and drawing yarn and one or more healds and one more nylon threads in a weaving machine and drawing yarn and one or more silk warp ends to create plain weave texture or combination of both plain wave texture. Figure 3

Figure 3 No. of Pages : 22 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date : 08/01/2016

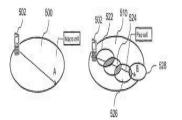
(54) Title of the invention : METHOD, APPARATUS AND COMPUTER PROGRAM

(51) International classification(31) Priority Document No	:H04W36/00 :NA	(71)Name of Applicant : 1)Nokia Solutions and Networks Oy
(32) Priority Date	:NA	Address of Applicant :of Karaportti 3, FI-02610, Espoo,
(33) Name of priority country	:NA	Finland Finland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Amaanat Ali
(87) International Publication No	: NA	2)Alexander Sayenko
(61) Patent of Addition to Application Number	:NA	3)Hans Thomas Hoehne
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method comprising: sending a report, from a user equipment, which indicates a preference for a first candidate serving cell for said user equipment, said preference determined by said user equipment; receiving, from a node, an instruction to switch to or monitor a second candidate serving cell for said user equipment, said second candidate serving cell different from said first candidate serving cell; and operating in accordance with said instruction received from said node. Fig. 5

Figure 5



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

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR MOTION DETECTION AND VELOCITY ESTIMATION IN VISUAL NAVIGATION SYSTEM

 (71)Name of Applicant : 1)M. S. Ramaiah School of Advanced Studies, Bangalore Address of Applicant :#470-P, Peenya Industrial Area, Peenya 4th Phase, Bengaluru, Karnataka, India 560 058. Karnataka India (72)Name of Inventor : 1)Krushna Chandra Patel 2)R Hariharan

(57) Abstract :

According to an aspect of the present disclosure, the navigation system comprises, a moving device comprising a video camera to capture sequence of images in the direction of propagation, a hardware block configured to detect motion and estimate velocity of one or more object in the sequence of images and a processor configured to generate control signal to navigate the moving device away from the one more object. The hardware block and the processor are operative in parallel to reduce the time to generate the control signal. The processor receives direction of the motion and the velocity estimation from the hardware block. The hardware block is configured to determine the velocity of the object by using the time between the two frames after the object has been detected. The hardware block in the navigation system further comprises a mean subtractor to subtract two column means respectively from the two image frames to generate a mean change, a memory to store the, column means, mean change and previous mean change and a correlator to correlate the mean change with the previous mean change value to generate motion detection.

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

(19) INDIA

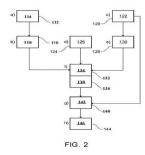
(22) Date of filing of Application :30/01/2013

(43) Publication Date : 08/01/2016

(54) Title of the invention : A LIGHT PF	ROJECTOR AND VISION	SYSTEM FOR DISTANCE DETERMINATION
(51) International classification		(71)Name of Applicant :
(31) Priority Document No(32) Priority Date	:10169800.9 :16/07/2010	1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :Groenewoudseweg 1 NL 5621 BA
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2011/053098	(72)Name of Inventor :
Filing Date	:12/07/2011	1)DE BRUIJN Frederik Jan
(87) International Publication No	:WO 2012/007898	2)SCHMEITZ Harold Agnes Wilhelmus
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A light projector comprises a stack of layered planar optical elements where the stack comprises a group (103) of planar optical elements (107 111) arranged to provide a plurality of light patterns. The stack may specifically comprise a group of transparent layers having opaque patterns such that light propagating through the layers results in the light patterns. The light patterns reach a microlens array (101) which is arranged to focus the light patterns at different focal distances. In some scenarios programmable optical elements may be used to generate the light patterns. A vision system may determine characteristics of objects based on reflections of the projected light patterns. The approach may in particular provide an efficient yet low cost light projection system for distance determination.



No. of Pages : 45 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :08/01/2013

(43) Publication Date : 08/01/2016

(54) Title of the invention : RECOMBINANT E NTPDASES USE FOR PRODUCING A DIAGNOSTIC KIT FOR DETECTING ANTIBODIES IN VARIOUS TYPES OF LEISHMANIASIS CAUSED BY SPECIES OF THE LEISHMANIA GENUS

(51) Internationalclassification(31) Priority Document No	:C12N9/16,C12N15/30,C12N15/52 :PI10037446	 (71)Name of Applicant : 1)UNIVERSIDADE FEDERAL DE VI‡OSA Address of Applicant :Campus Universitirio Vi§osa 36570
(32) Priority Date	:08/06/2010	000 MG Brazil
(33) Name of priority country(86) International Application		2)UNIVERSIDADE FEDERAL DE OURO PRETO 3)FUNDA‡fO DE AMPARO PESQUISA DO ESTADO DE
No Filing Date	:PCT/BR2011/000176 :08/06/2011	MINAS GERAIS (72)Name of Inventor :
(87) International Publication No	:WO 2011/153602	1)FIETTO Juliana Lopes Rangel 2)LAMŠGO M;rcia Rog ria de Almeida
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SOUZA Ronny Francisco de 4)ZBOLI Antonio Phelipe Carlette 5)BAHIA Maria Terezinha
(62) Divisional to Application Number Filing Date	:NA :NA	6)AFONSO Lus Carlos Crocco

(57) Abstract :

The invention relates to proteins of the family of recombinant E NTPDases that can be used as antigens in diagnostic kits for various types of animal and human leishmaniasis. The thus obtained proteins of the family of the recombinant E NTPDases can be used for producing diagnostic kits for detecting antibodies in various types of leishmaniasis using immonological assays. These tests can be used for the detection of seropositive individuals in leishmaniasis screening programs or in laboratory tests for various types of leishmaniasis. These proteins can also be used in prognostic and immunisation assays to rationalise the design of chemotherapeutic drugs for the treatment of various types of leishmaniasis and to develop monoclonal antibodies for use in the diagnostic prognostic or therapy of various types of leishmaniasis.

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

(19) INDIA

(22) Date of filing of Application :02/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR GENERATING A COMPOSITE IMAGEN IN AN ELECTRONIC DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:NA :NA	 (71)Name of Applicant : 1)Samsung R & D Institute India- Bangalore Address of Applicant :# 2870, Orion Building, Bagmane Constellation Pusinges Park, Outer Bing Boad, Doddanakundi
 (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA	Constellation Business Park, Outer Ring Road, Doddanekundi Circle, Marathahalli Post, Bangalore-560037 Karnataka India (72) Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)Dr Balvinder Singh 2)Girish Kulkarni 3)Narasimha Gopalakrishna Pai
(62) Divisional to Application Number Filing Date	:NA :NA	4)Alok Shankarlal Shukla

(57) Abstract :

Embodiments herein provide a method and system for generating a composite image. The method includes identifying one or more first image elements corresponding to a first event from a first set of images successively captured by a first image sensor of the electronic device. Further, the method includes identifying one or more second image elements corresponding to a second event from a second set of images successively captured by a second image sensor of the electronic device. The first image sensor and the second image sensor simultaneously capture the first set of images and the second set of images. Furthermore, the method includes combining the one or more first image elements with the one or more second image elements using synchronization parameters to generate the composite image. FIG. 3

No. of Pages : 58 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :08/05/2014

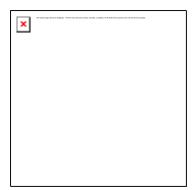
(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CREATING LOCATION SPECIFIC DYNAMIC USER GROUPS BASED ON USER INTERESTS

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG R&D INSTITUTE INDIA BANGALORE
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :# 2870, ORION Building, Bagmane
(86) International Application No	:NA	Constellation Business Park, Outer Ring Road, Doddanakundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore -560037, Karnataka, India
(87) International Publication No	: NA	Karnataka India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJENDRAN, Balamurali Andiyakkal
(62) Divisional to Application Number	:NA	2)SINGH, Satnam
Filing Date	:NA	3)JAIN, Gaurav Kumar

(57) Abstract :

ABSTRACT METHOD AND SYSTEM FOR CREATING LOCATION SPECIFIC DYNAMIC USER GROUPS BASED ON USER INTERESTS The various embodiments herein provide a system and method for creating location specific user groups. The method comprises of initiating, a device application installed in one or more user devices, sending, by the device application, a request to a central server to provide one or user groups of common interests within a location perimeter, providing, by the central server, one or more user groups based on a user profile of the one or more users within a location perimeter, selecting, by the one or more users, at least one user group based on common interests for communication at an individual level or a group level, checking, by the central server, a density of each of one or more user groups and terminating or merging the one or more user groups if the density of the one or more user groups is below a preset threshold. FIGURE. 1 & 3



No. of Pages : 32 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :14/02/2013

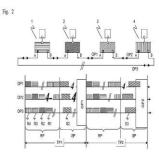
(43) Publication Date : 08/01/2016

(51) International classification	:H04L12/40,H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:10170127.4	1)ABB Research Ltd
(32) Priority Date	:20/07/2010	Address of Applicant : Affolternstrasse 44 CH 8050 Z ¹ /4rich
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/062400	(72)Name of Inventor :
Filing Date	:20/07/2011	1)KIRRMANN Hubert
(87) International Publication No	:WO 2012/010619	2)TOURNIER Jean Charles
(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 : FRAME TRANSMISSION AND COMMUNICATION NETWORK

(57) Abstract :

The present invention is concerned with a communication network interconnecting a plurality of synchronized nodes (1 2 3 4) where regular frames (RP) comprising time critical data (R1 R2 R3 R4) are transmitted periodically or cyclically and sporadic frames (SP) are transmitted non periodically or occasionally. In particular each node of the plurality of nodes (1 2 3 4) transmits a regular frame (RP) at the beginning of a transmission period common to and synchronized among all nodes. A node then receives regular frames (RP) from its first neighboring node and forwards them within the same transmission period and with the shortest delay to a second neighboring node. Furthermore the node actively delays transmission of any sporadic frame (SP) whether originating from an application hosted be the node itself or whether received from a neighboring node until forwarding of all received regular frames (RP) is completed.



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

(12) PATENT APPLICATION PUBLICATION
 (21) Application No.2245/CHE/2014 A
 (19) INDIA
 (22) Date of filing of Application :05/05/2014
 (43) Publication Date : 08/01/2016
 (54) Title of the invention : A HIGH PRESSURE FUEL PUMP AND A METHOD FOR DETERMINING AN ENGINE FIRING CYLINDER POSITION OF AN ENGINE CYLINDER

(51) International classification(31) Priority Document No	:NA	(71)Name of Applicant :1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)GANGAIAH Jagadisha
(61) Patent of Addition to Application Number	:NA	2)BARKUR Ranganatha Somayaji
Filing Date	:NA	2)DARKUR Ranganatha Somayaji
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A high pressure fuel pump 10 is described. The high pressure fuel pump 10 comprises a pump shaft 12 driving the high pressure fuel pump 10 characterized in that a trigger wheel 23 coupled to the pump shaft 12, and a speed sensor 71 coupled to the trigger wheel 23, the speed sensor 71 configured to generate a plurality of electronic pulses when the trigger wheel 23 rotates about an axis and determine a speed of the high pressure fuel pump 10. Reference figure: Figure 1

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

(19) INDIA

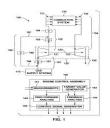
(22) Date of filing of Application :05/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : GAS DOSAGE CONTROL FOR GAS ENGINE		
(51) International classification	:H04B	(71)Name of Applicant :
(31) Priority Document No	:13/891807	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:10/05/2013	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRINIVASAN, PRASHANT
(87) International Publication No	: NA	2)HUBER, JOHANNES
(61) Patent of Addition to Application Number	:NA	3)SATRIA, MEDY
Filing Date	:NA	4)SELGA, ROSA CASTANE
(62) Divisional to Application Number	:NA	5)SARMIENTO PENUELA, OSCAR EDUARDO
Filing Date	:NA	6)BURGMAIR, RAPHAEL RUPERT

(57) Abstract :

GAS DOSAGE CONTROL FOR GAS ENGINE ABSTRACT OF THE DISCLOSURE A gas engine assembly includes a compressor, a combustion system, a bypass line and a control system. The control system is configured to control gas supply parameters based on a transportation delay value. The transportation delay value corresponds to a delay between a time when a gas supply control mechanism is adjusted and a time that gas having a corresponding adjustment of a gas characteristic is received at a predetermined point downstream from the gas supply control mechanism. FIG. 1



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

(19) INDIA

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR DIAGNOSING A BLEED AIR SYSTEM FAULT

 (80) International Application No Filing Date (87) International Publication No (87) International Publication No (87) International Publication Number (61) Patent of Addition to Application Number (62) Divisional to Application Number (87) International Publication Number <li< th=""><th>(87) International Publication No(61) Patent of Addition to Application Number Filing Date</th><th>: NA :NA :NA</th><th>GLOUCESTERSHIRE GL52 8SF U.K. (72)Name of Inventor :</th></li<>	(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	GLOUCESTERSHIRE GL52 8SF U.K. (72)Name of Inventor :
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(57) Abstract :

METHOD FOR DIAGNOSING A BLEED AIR SYSTEM FAULT ABSTRACT A method (100) of diagnosing a bleed air system fault, where the method (100) includes receiving a sensor signal from the at least one of the bleed air system sensor to define a sensor output (102), comparing the sensor output to a reference value (104), and diagnosing a fault in the bleed air system based on the comparison (106). Fig.3

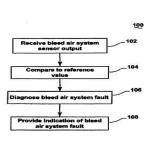


FIGURE 3

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

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR CONTROLLING EXHAUST GAS ENGINE BRAKING

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	2)Robert Bosch GmbH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANI Balasubramanian
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for controlling an exhaust gas engine brake in a vehicle is disclosed, the vehicle comprising a flap 34 located in an exhaust gas passage. The method determines a percentage change in displacement of a brake pedal 12 with respect to a maximum displacement of the brake pedal 12 by an engine control unit 23. The method also comprises controlling a displacement of the flap 34 in proportion to the percentage change in displacement of the brake pedal 12, and detecting a position of at least one of the accelerator pedal and the clutch pedal by the engine control unit 23 characterized in that controlling the displacement of the flap 34 if an output of at least one of the accelerator pedal and the clutch pedal is greater than or equal to a threshold of at least one of the accelerator pedal and the clutch pedal. Reference: Figure 1

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

(19) INDIA

(22) Date of filing of Application :09/01/2013

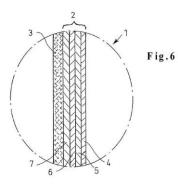
(43) Publication Date : 08/01/2016

(54) Title of the invention : FUEL TANK OF PLASTIC AND METHOD FOR THE PRODUCTION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 	:10 2010 027 096.2 :13/07/2010 :Germany	 (71)Name of Applicant : 1)KAUTEX TEXTRON GMBH & CO. KG Address of Applicant :Kautexstr. 52 53229 Bonn Germany (72)Name of Inventor : 1)KARSCH Ulrich
No Filing Date	:PCT/EP2011/003319 :05/07/2011	
(87) International Publication No	:WO 2012/007116	
(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 concerns a fuel tank of plastic with a multilayered tank wall comprising at least one inner layer of thermoplastic material and at least one outer layer of a fibre composite material. The inner layer and the outer layer are connected to each other by a material bond.



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

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : PHOTOPOLYMERIZABLE INKJET INK, INK CARTRIDGE, PHOTOPOLYMERIZABLE COMPOSITION, AND COATED MATTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:Japan :NA :NA	 (71)Name of Applicant : 1)RICOH COMPANY, LTD. Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO, 143-8555 Japan (72)Name of Inventor : 1)TAKAO HIRAOKA
	1	
(86) International Application No	:NA	1)TAKAO HIRAOKA
Filing Date	:NA	
(87) 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 :

ABSTRACT A photopolymerizable composition includes diethyleneglycol dimethacrylate, 1-hydroxy-cyclohexyl-phenyl-ketone, 2hydroxy-1 - {4-[4-(2-hydroxy-2-methyl-propionyl)benzyl]phenyl} -2-methyl-1 -propane-1 -one and 2-[2-hydroxy-4-(1ocryloxycarbonylethoxy)phenyl]- 4,6-bis(4-phenyl)-4, 6-bis)4-phenylphenyl-1, 3, 5-triazine.

No. of Pages : 35 No. of Claims : 8

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

(54) Title of the invention : HYBIRD SUSPENSION SYSTEM FOR TWO WHEELERS

 (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 (61) Patent of Addition to Application Number Filing Date (51) Patent (52) Divisional to Application Number (53) NA (54) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) Patent (51) Patent (51) Patent (52) Patent (53) Patent (54) Patent (54) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) Patent (51) Patent (51) Patent (52) Patent (53) Patent (54) Patent (54) Patent (54) Patent (54) Patent (55) Patent (56) Patent (57) Patent (57) Patent (58) Patent (51) Patent (51) Patent (51) Patent (51) Patent (52) Patent (53) Patent (54) Pate	 (71)Name of Applicant : 1)DR. V.A. NAGARAJAN Address of Applicant :HEAD, DEPARTMENT OF MECHANICAL ENGINEERING UNIVERSITY COLLEGE OF ENGINEERING, NAGERCOIL, KONAM - 629 004 Tamil Nadu India 2)DR. K.P. VINOTHKUMAR 3)MR. B.C. ANISH KRISHNAN NAYAR 4)MR. S.S. VENKAT RAMANAN 5)MR. S. STRITHER 6)MR. S. AJITH KUMAR (72)Name of Inventor : 1)DR. V.A. NAGARAJAN 2)DR. K.P. VINOTH KUMAR 3)MR. B.C. ANISH KRISHNAN NAYAR 4)MR. S.S. VENKAT RAMANAN 5)MR. S. STRITHER 6)MR. S. STRITHER
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(57) Abstract :

Suspension is the term given to the system of springs, shock absorbers and linkages that connects a vehicle to its wheels and allows relative motion between the two. Suspension systems serve a dual purpose contributing to the vehicles road holding / handling, breaking for good active safety, driving pleasure, keeping vehicle occupants comfortable, reasonably well isolated from road noise and vibrations, etc. The goal of this project is to create a suspension system for two wheelers using bow spring and open spring. At this present situation most of the two wheelers are mounted with open spring suspension system and it is outside from the wheel. In this hybrid suspension system combination of open and bow spring is used as suspension system inside the wheel. So it may create high suspension comparing to earlier system.

No. of Pages : 7 No. of Claims : 4

LICATION FUBLICA

(21) Application No.2320/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : Structure Based Targeting of Proteins with HU-IHF Fold			
(51) International classification	:A61K	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)Indian Institute of Science	
(32) Priority Date	:NA	Address of Applicant : Mathikere, Bangalore, Karnataka	
(33) Name of priority country	:NA	560012, India. Karnataka India	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)BHOWMICK, Tuhin	
(87) International Publication No	: NA	2)GHOSH, Soumitra	
(61) Patent of Addition to Application Number	:NA	3)RAMAKUMAR, Suryanarayanarao	
Filing Date	:NA	4)NAGARAJA, Valakunja	
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The present disclosure relates to identification of new drug targets and new potential drugs against pathogenic organisms such as M. tuberculosis and chemical tools for probing regulatory circuits and interaction network of nucleoid associated proteins with [~]HU-IHF foldTM.

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

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : HORIZONTALLY ROTATABLE CYLINDRICAL HOT AIR DRIER AND METHOD FOR DRYING IMMATURE PADDY

(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)KRISHNAN SUNDAR Address of Applicant :6, BHARATHI DASAN STREET, GANDHI NAGAR, AMBATTUR, CHENNAI - 600 053 Tamil Nadu India (72)Name of Inventor : 1)KRISHNAN SUNDAR
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(57) Abstract :

ABSTRACT Horizontally rotatable cylindrical hot air drier and method for drying immature paddy which comprises a completely covered hot air holding cum circulating chamber outer drum (2); having a material inlet opening and closing doors (17); having handles (15) at its top portion; and a material, outlet opening cum closed doors (26); having outlet door handles (27) at its bottom portion; the completely covered hot air holding cum circulating chamber being provided with fixing flanges (16) for mounting open and closed options; the completely covered hot air holding cum circulating chamber outer drum (2) constructed with outer drum holding angles (33); and its back portion being provided with an hot air inlet (14) which is suitable for connected to a controllable hot air sources; hold by supporting channel (30) in both sides and holding grip (31) in all sides; side portion of outer drum (20) fixed with half radius flanges (28) (29) in both sides; the open able said completely covered hot air holding cum circulating chamber outer drum (2) being provided for mounting a completely covered mechanically rotated perforated inner drum(1) having a material inlet and outlet for opening and closing doors (3) having handles (34); the perforated inner drum chamber constructed with inner drum holding angle(32); and inner drum supporting i flat (22) capable of holding subject materials being fitted with fixed stirrer straight angles (19) in between completely covered mechanically rotated perforated inner drum(1); constructed one or more places of horizontal shaft (4) with inner drum support flat (22); in the middle of side portion of inner drum (21) with a horizontal shaft (4) fixed with completely covered mechanically rotated perforated inner drum (21) with a horizontal shaft (4) fixed with completely covered mechanically rotated perforated inner drum (21) with a horizontal shaft (4) fixed with completely covered mechanically rotated perforated inner drum (21) with a horizontal shaft (4) fixed with completely covered mechan

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

(19) INDIA

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

(43) Publication Date : 08/01/2016

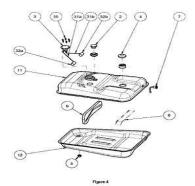
(54) Title of the invention : SYSTEM TO PREVENT FUEL LEAKAGE AND FUEL THEFT IN THE FUEL THNK OF A VEHICLE (51) International classification :F01M (71)Name of Applicant : (31) Priority Document No 1)TRACTORS FARM EQUIPMENT LIMITED :NA (32) Priority Date Address of Applicant :NO. 861, ANNASALAI, CHENNAI :NA (33) Name of priority country 600 002 Tamil Nadu India :NA (86) International Application No (72)Name of Inventor : :NA Filing Date :NA **1)RAKESH BAHADUR VERMA** (87) International Publication No : NA **2)PRADEEP KUMAR** 3)THIRUSELVAN MARUNGAPURI GANESAN (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA

(57) Abstract :

Filing Date

A system to prevent fuel leakage and fuel theft in fuel tank of vehicle is disclosed. The system comprises a fuel tank(1) comprising a top tank(11) that is associated with a bottom tank(12) and an overflow unit(7) that facilitates closed loop circulation of fuel into the fuel tank(1). The top tank(11) comprises a breather assembly(2), a sensor assembly(3) and a cap(4). The breather assembly(2) comprises a breather(21) that breathes out air at a predetermined pressure, wherein the breather(21) is associated with a breather adaptor flange(22) and a uniquely configured breather adaptor(23) for preventing fuel theft. The sensor assembly(3) comprises a lever, a float associated, a float housing(33) and a sensor adapter(34) that is configured to prevent fuel leakage through capillary action. The sensor adaptor(34) comprises a plurality of screw holes(36) onto which the entire sensor assembly(3) is mounted by means of a plurality of fastening screws(35) that are mounted on the plurality of screw holes(36). (Figure to be published along with abstract: Figure 4)

:NA



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

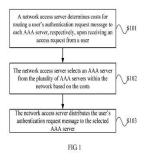
(22) Date of filing of Application :05/05/2014

(54) Title of the invention : METHOD AND APPARATUS FOR LOAD DISTRIBUTION AMONG A PLURALITY OF AAA SERVERS WITHIN A NETWORK

(51) International classification	:H04W12/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES INDIA PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :No. 23, Level 3 & 4, Leela Galleria,
(33) Name of priority country	:NA	Airport Road, Bangalore 560 017, India Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RANJAN, Nishant
(87) International Publication No	: NA	2)SHASTRY, Pradeepa
(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 provide a method and an apparatus for load distribution among a plurality of AAA servers within a network. The method comprises: determining (S101), by a network access server, costs for routing a userTMs authentication request message to each of the plurality of AAA servers within the network, respectively, upon receiving an access request from a user; selecting (S102), by the network access server, an AAA server from the plurality of AAA servers within the network based on the costs; and distributing (S103), by the network access server, the userTMs authentication request message to the selected AAA server. Figure 1



No. of Pages : 46 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :09/05/2014

(54) Title of the invention : BRAIN COMMAND AND SWITCH CONTROLLED ARTIFICIAL LEG FOR PARAPLEGICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B5/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)SOMASUNDARAM SUBRAMANIAN Address of Applicant :PRATHYUSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, ARANVOYALKUPPAM, THIRUVALLUR - 602 025 Tamil Nadu India 2)LOGANATHAN PADMANABAN 3)EKAMBARAM DILLIRAJ (72)Name of Inventor : 1)SOMASUNDARAM SUBRAMANIAN 2)LOGANATHAN PADMANABAM 3)EKAMBARAM DILLIRAJ
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(57) Abstract :

The rapid growth in the field of science and embedded technology has led to a lot of advancements. With the help of microprocessors and microcontrollers many applications had been developed and many others are developing. One such application is the development of Roboleg exoskeleton for paralyzed people. Paralysis can be accompanied by a loss of feeling (sensory loss) in the affected area if there is sensory damage at the cortex motor. Of which paraplegics face much difficulty in their daily survival. Paraplegics are dependable either on others or wheelchair. This project is to put an end to wheelchair by developing a wearable roboleg for rehabilitation using brain signals promoting voluntary action of the leg and switch controlled promoting manual operation. The two frames each for upper and lower parts of legs are combined with the help of linear actuator. This linear actuator provides required torque while walking, which in turn is driven by a DC motor. The commands for the DC motor are given with the help of microcontroller programming and it is done for straight walking and staircase climbing. For a switch controlled leg action 5 different switches are provided for brain command operation the principle of EEG is used. In this, the person is mounted with the EEG electrodes on forehead and ear. The trapped signals are amplified by the help of instrumentation amplifier and are filtered. The analog amplified output is programmed to the leg by the PIC16F877A Microcontroller. Thus, with this leg which is manual as well as voluntary controlled, the paraplegics are independent of any external aid and are self-reliable.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.2253/CHE/2014 A (19) INDIA (22) Date of filing of Application :05/05/2014 (43) Publication Date : 08/01/2016 (54) Title of the invention : METHOD, DEVICE, AND SYSTEM FOR PEER-TO-PEER DATA REPLICATION AND METHOD, DEVICE, AND SYSTEM FOR MASTER NODE SWITCHING (51) International classification :G06F17/00 (71)Name of Applicant : (31) Priority Document No 1)HUAWEI TECHNOLOGIES INDIA PVT. LTD. :NA (32) Priority Date Address of Applicant :No. 23, Level 3 & 4, Leela Galleria, :NA (33) Name of priority country :NA Airport Road, Bangalore 560 017, India Karnataka India (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)VENKATESH, R Prasanna (87) International Publication No : NA 2)KRISHNA, B V P Vamsi (61) Patent of Addition to Application Number :NA Filing Date :NA

(57) Abstract :

Filing Date

The present invention discloses method, device, and system for peer-to-peer data replication and method, device, and system for master node switching. The method for peer-to-peer data replication includes: generating (301) a first commit redo record attached with a CSN when a first write operation happens on a first physical entity in a master node, wherein the master node is preset with the first physical entity and a second physical entity and is connected to a first subscriber node and a second subscriber node; pushing (302), the first commit redo record to a first subscriber node corresponding to the first physical entity based on mapping relationships between the physical entities and the subscriber nodes, wherein the first commit redo record is used for replicating data of the first write operation from the master node to the first subscriber node, and then to the second subscriber node through pushing, by the first subscriber node, the received first commit redo record to the second subscriber node. The present invention can mitigate the replication bottleneck from the master node in a replication cluster. Figure 3

:NA

:NA



(62) Divisional to Application Number

No. of Pages : 112 No. of Claims : 44

(19) INDIA

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : NOVEL OXAZOLIDINONE ANTIBACTERIAL COMPOUND

(51) Internetional classification	C07D412/00	(71) Nome of Ameliaant
(51) International classification	:C0/D415/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LEE PHARMA LIMITED
(32) Priority Date	:NA	Address of Applicant :Sy. No. 257 & 258/1, Door No. 11-6-
(33) Name of priority country	:NA	56, C Block, Opp. IDPL Factory, Moosapet (Village), Balanagar
(86) International Application No	:NA	(Post), Hyderabad Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ALLA Raghu Mitra
(61) Patent of Addition to Application Number	:NA	2)DUBEY Ajay Kumar
Filing Date	:NA	3)MALLEPALLI Srinivas Reddy
(62) Divisional to Application Number	:NA	4)PONGILATI Ramakrishna Reddy
Filing Date	:NA	

(57) Abstract :

A novel oxazolidinone antibacterial compound [(S)- N- [[3-[4-fluoro-3-morpholino phenyl]-2-oxooxazolidin-5-yl] methyl] acetamide] of Formula-I and its broad spectrum antibacterial activities against a large number of gram positive and gram negative pathogens is disclosed. Compound-I

No. of Pages : 44 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : HYBRID CHANNELISER FOR SOFTWARE DEFINED RADIO RECEIVER

(51) International classification(31) Priority Document No(32) Priority Date	:H03H17/00 :NA :NA	(71) Name of Applicant : 1) PERUMAL KALPANA DEVI Address of Applicant :PRATHYUSHA INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY AND MANAGEMENT,
(86) International Application No	:NA	ARANVOYALKUPPAM, THIRUVALLUR - 602 025 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PERUMAL KALPANA DEVI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The radio receiver that includes a hybrid reconfigurable channeliser structure for receiving several narrow band channels from wideband signal in non uniform frequency spacing. Software defined radio receiver comprises of reconfigurable filter bank architecture channelizer must have the capability of extracting multiple channels of distinct bandwidth corresponding to the different communication standards Reconfigurability in multirate filtering is required to design a prototype filter bank structure for selecting the distinct polyphase sub filters and taps for different standards. Software-defined radio system can be built and analysed via the Lab VIEW graphical programming environment to design the low complexity and flexible architecture for multi standard applications. In a multi standard wireless communication receiver, channelizer must have the capability of extracting multiple channels of distinct bandwidths corresponding to different communication standards. The channelizer operates at the highest sampling rate in the digital front end of receiver and hence power efficient low complex architecture is required for cost effective implementation of channelizer. Reconfigurability is the key requirement in the channelizer to support different communication standards.

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

(19) INDIA

(22) Date of filing of Application :09/05/2014

(54) Title of the invention : AN EFFICIENT PORTABLE INSULIN DEVICE USING WIRELESS TECHNOLOGY

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA	NATECHNOLOGY AND MANAGEMENT, ARANVOYALKUPPAM, TIRUVALLUR - 602 025 Tamil Nadu IndiaNA 2)KARUPPUSAMY JANAKI 3)RAJA MANI MUTHALAGU 4)HARIKRISHNAN USHA RANI NANA 4)HARIKRISHNAN USHA RANI (72)Name of Inventor : 1)PALANISAMY VADIVU 2)KARUPPUSAMY JANAKI
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(57) Abstract :

ABSTRACT Title: AN EFFICIENT PORTABLE INSULIN DEVICE USING WIRELESS TECHNOLOGY. The portable device that is carried by the patient continuously acquires and analyses the sugar level from the patients who can move around freely. The proliferation of smart phones, tablets and other mobile devices and the increasing demand for connectivity among all these devices has greatly influenced the healthcare industry. Medical devices used for applications like patient monitoring and data storage/transfer are now being integrated with wireless technologies. These mobile medical devices are an extension of the portable medical devices, having incorporated wireless communication capabilities (cellular, Wi-Fi, Bluetooth, ZigBee, ANT+ and so on). The huge advances in medical devices, especially the new mobile and connected devices, are being driven by the latest developments in semiconductors. These include large scale integration and reduced power consumption, but also semiconductor devices specifically targeted at medical applications. In this article, we examine solutions for Efficient Portable Insulin device. The system has advantages such as low power consumption, high integrated level, good stability, convenience to carry around and long usage time. An external insulin infusion pump is a programmable, battery-powered mechanical syringe/reservoir device controlled by a micro-computer to provide continuous subcutaneous insulin infusion (CSII) in individuals with diabetes mellitus. Typically, the syringe has a storage capacity and is connected to an infusion set attached to a small needle which the individual inserts into the subcutaneous tissue. The syringe can be activated by a battery operated pump programmed to deliver a steady basal amount of insulin and release a bolus dose at meals and at programmed intervals. The purpose of the insulin pump is to provide an accurate, continuous, controlled delivery of insulin which can be regulated by the user to achieve intensive glucose control objectives and to prevent the metabolic complications of hypoglycemia. hyperglycemia and diabetic ketoacidosis.

No. of Pages : 17 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :06/05/2014

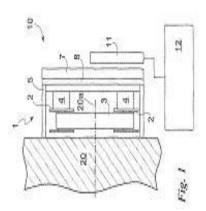
(43) Publication Date : 08/01/2016

(54) Title of the invention : A BALANCING DEVICE FOR ROTATING BODIES

(51) International classification(31) Priority Document No	:NA	(71)Name of Applicant : 1)BALANCE SYSTEMS S.r.L.
(32) Priority Date(33) Name of priority country(36) Name of priority Name Name	:NA :NA	Address of Applicant :of Viale Cassiodoro, 3, I-20145 Milano, Italy Italy
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)TRIONFETTI, Gianni
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

Balancing device (1) suitable for being positioned integrally to a rotating body (20) suitable to be placed in rotation around a rotation axis (20a), comprising a plurality of storage means (2) arranged in positions offset to the main rotation axis (20a), at least one element suitable for winding (3) wound in correspondence with a plurality of storage means (2), transfer means (4) suitable to wind the elements suitable for winding (3) around storage means (2) and to consequently vary the distribution of the mass of the elements suitable for winding (3) over several storage means (2) so as to balance the mass of said rotating body (20). Figure 1



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

(19) INDIA

(22) Date of filing of Application :06/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : NOVEL POLYMORPHS OF SITAGLIPTIN HYDROCHLORIDE, PROCESS FOR ITS PREPARATION AND PHARMACEUTICAL COMPOSITION THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAURUS LABS PRIVATE LTD
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, SERENE CHAMBERS
(33) Name of priority country	:NA	ROAD, #7, BANJARA HILLS, HYDERABAD - 500 034 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAVINDRA BABU BOLLU
(61) Patent of Addition to Application Number	:NA	2)VENKATA SUNIL KUMAR INDUKURI
Filing Date	:NA	3)VAMSEE KRISHNA MUPPIDI
(62) Divisional to Application Number	:NA	4)SEETA RAMANJANEYULU GORANTLA
Filing Date	:NA	5)SATYANARAYANA CHAVA

(57) Abstract :

The present invention relates to novel polymorphic forms of sitagliptin hydrochloride, processes for its preparation and pharmaceutical compositions comprising the same.

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

(19) INDIA

(22) Date of filing of Application :06/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : HOUSING UNIT FOR A CHARGING PORT IN A VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	 (71)Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country(86) International Application No		(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
Filing Date		(72)Name of Inventor :
(87) International Publication No	: NA	1)ARUL DASS PAUL CHRISTU DASS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)RAJAMANI RAVISANKAR 3)KRISHNABHATTA NAGARAJA
(62) Divisional to Application Number	:NA	4)MONALISHA MAHARANA
Filing Date	:NA	

(57) Abstract :

The present invention relates to a portable housing unit (100) for a charging port (103) used to charge electronic devices in a vehicle. The portable housing unit (100) described herein comprises a housing body (101) adapted to encompass at least one charging port (103), and a plurality of clamping arms (102) adapted to mount said charging port (103) to any vehicle surface accessible to a rider riding said vehicle. <To be published with FIG.4>

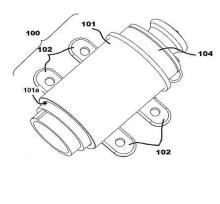


FIG.4 No. of Pages : 17 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN IMPROVED QUALITY MODEL FOR MEDICAL IMAGE COMPRESSION IN TELEMEDICINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06T7/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)MADHAVAN MOORTHI Address of Applicant :ASSISTANT PROFESSR(SG), PRATHYUSHA INSTITUTE OF TECHNOLOGY, MANAGEMENT, ARANVOYALKUPPAM, CHENNAI - 602 025 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MADHAVAN MOORTHI
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The integration of mobile communication and biomedical instrumentation technology plays an important role in Telemedicine as doctors away from the system can also get the health status of their critical patients. The medical images have to be transmitted across telemedicine network to remote medical centre for diagnosis. In this connection, improved quality compression algorithms can be developed which result in saving of storage space and better utilization of bandwidth and speed of data transmission. The Region based approach for medical image compression system was made and implemented using fuzzy logic with SPIHT coder and the performance was analyzed. Pre-processing is done for getting enhanced image using filtering and smoothening processes, the two different clusters (ROI and Non ROI) are obtained by segmentation process. SPIHT is applied for lower energy clusters (Non ROI part of an image) and ROI parts are not compressed lower energy cluster by fusion technique. Another approach is modification of the algorithms. The novelty in the proposed method is an increase the compression ratio (CR) and Peak signal to noise ratio (PSNR). Segmentation is used to separate out ROI from medical image. The Curvelet transform is applied to the region of interest (cancer) and transformed coefficients are encoded using DPCM .The inter wavelet transform is applied to non region of interest (Non cancer) followed by SPIHT and Adaptive arithmetic coding for better compression ratio. Finally ROI compressed image is fused with Non ROI compressed image. The experimental result shows superior reconstruction and achieves better compression ratios.

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

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN ENERGY EFFICIENT SWITCHED BEAM SCANNING ANTENNA IN A INTRA CLUSTER GROUPING SCHEME TO AVOID HIDDEN NODE COLLISION IN WIRELESS SENSOR NETWORK

(51) International classification	:H04W16/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOORTHY SUJATHA
(32) Priority Date	:NA	Address of Applicant :PRATHYUSHA INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY AND MANAGEMENT,
(86) International Application No	:NA	ARANVOYALKUPPAM, THIRUVALLUR - 602 025 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MOORTHY SUJATHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Hidden Node Collision is a common problem in Wireless Sensor Networks which makes it difficult to provide the network lifetime extension and the required Quality of Service. To avoid these problems a directional antennas with switched Beam scanning have been extensively used in designing MAC protocols for wireless sensor network. Directional antennas provide many advantages over the omnidirectional antennas. Wireless sensor networks (WSNs) are extensively being used for remote monitoring and reporting purposes in human inaccessible areas. Over the years, various technologies and trends have emerged in enhancing the efficiency of such sensing and reporting activities. While transmitting the remote data to a centralized base station, a hidden node collision problem in the network that can deteriorate the functioning of a WSN. The techniques developed over the years to avoid hidden node problems consist of various grouping and scheduling strategies. However, the energy consumption is not preserved to the maximum possible level in the existing systems. In this work, two grouping strategies are proposed. Intra-Cluster Grouping Mechanism (I-CGM) and Beam Scanning Intra-Cluster Grouping Mechanism (BSI-CGM), which aim at reducing energy consumption to the best possible level. I-CGM uses an intra-cluster grouping strategy with which a new node can efficiently join the network. A design limitation in I-CGM is projected and overcome by the BSI-CGM for the most efficient new node admission using fixed beam scanning process of the new node. Simulation and analysis using the Network simulator proves that the Quality of Service (QoS) is further increased by these mechanisms and provides proof of concept for their efficiency. Out of the two proposed mechanisms, BSI-CGM proves to be the best time and energy efficient mechanism from the simulation results.

No. of Pages : 22 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : DESIGN AND IMPLEMENTATION OF DOUBLE RIDGED HORN ANTENNA FOR KU BAND APPLICATIONS

(51) International place if antian	.1101012/00	(71)Name of Ameliaant
(51) International classification	:HUIQ13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ERA UDHAYASURIYAN INIYAN
(32) Priority Date	:NA	Address of Applicant : PRATHYUSHA INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY & MANAGEMENT,
(86) International Application No	:NA	ARANVOYALKUPPAMO, THIRUVALLUR - 602 025 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	2)JAYACHANDRAN ARUN PRASATH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ERA UDHAYASURIYAN INIYAN
(62) Divisional to Application Number	:NA	2)JAYACHANDRAN ARUN PRASATH
Filing Date	:NA	

(57) Abstract :

RRI (Raman Research Institute) is building a new radio telescope to be fitted with a 7-14 GHz 32 element array receiver. The first element of the receiver is a radiating element that impedance matches the free space wave converging at the antenna focus to the input of the LNA, set on a microstrip. Good matching needs to be achieved over a broad band for effective use of the LNA. This BE project aims to achieve this. As a part of this project, we plan to design and simulate two kinds of radiating systems: a conventional pyramidal ridge horn antenna and a modern planar stacked-patch antenna. The specific project goals are to achieve better than 2 VSWR over at least 7-14 GHz, with good E and H plane symmetry and as much as possible similar directivity over the wide band. The aim of this project is to design the feed for Active integrated antenna, which should operate in the frequency range of 7GHz to 14GHz. For the design of antenna, we have used the software tool HFSS (High Frequency Structure Simulation), which is generally used for the design and simulation of electromagnetic structures such as waveguide, horn antenna, patch antenna etc. In this project we study the different types of feeds (antennas), which could be used in the Ku band, design the antennas using the software tool HFSS and then simulate them using the same. Based on the results of the simulation we decide which antenna has to be fabricated in order to use it as the feed for the Active integrated antenna. We here study, design and simulate two particular kinds of antennas namely Double Ridged Horn Antenna (DRHA) and Microstrip Antenna, both of them have their respective advantages and disadvantages which are also the limiting factors for their applications. We will design the above mentioned antennas using the software tool HFSS and simulate them for the desired frequency range, compare their performances in the desired frequency range. The comparison is based on the typical performance parameters of electromagnetic structures such as VSWR, radiation patterns, return loss etc. The antenna which is best suited for the desired application is then fabricated.

No. of Pages : 17 No. of Claims : 6

(19) INDIA

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

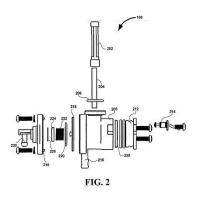
(43) Publication Date : 08/01/2016

(54) Title of the invention : FUEL CONTROL DEVICE

(51) International classification	:B67D7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant : JAYALAKSHMI ESTA ES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VAIDHEESWARAN, RAMESH
(61) Patent of Addition to Application Number	:NA	2)MISHRA, SOURABH
Filing Date	:NA	3)RENGARAJAN, BABU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a fuel control device (108) of a fuel system (100) for a vehicle. The fuel control device (108) disclosed herein includes a fuel cock body (208) disposed substantially downward to a fuel tank (102) enabling passage of fuel from the fuel tank (102) to the fuel cock body (208). A manifold cover (210) is disposed towards a front side of the fuel cock body (208). A diaphragm (218) is disposed intermediately between the fuel cock body (208) and the manifold cover (210). A fuel cock packing (228) is disposed towards a rear side of the fuel cock body (208). The fuel cock packing (228) includes a plurality of slots enabling passage of fuel. A solenoid valve (214) is disposed at least in one of the plurality of slots for selectively controlling the passage of fuel through the plurality of slots. <To be published with Fig. 2>



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

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A NOVEL COMPUTATIONAL FRAMEWORK WEATHER ALERTS :G01W (71)Name of Applicant : (51) International classification 1)SUBRAMANIAN SANDEEP (31) Priority Document No :NA (32) Priority Date Address of Applicant :32, FIRST MAIN ROAD, CIT :NA (33) Name of priority country COLONY, MYLAPORE, CHENNAI - 600 004 Tamil Nadu India :NA (72)Name of Inventor: (86) International Application No :NA Filing Date :NA 1)SUBRAMANIAN SANDEEP (87) International Publication No : NA 2) VIDYASAGARAN VIVEK **3)GHOSH SATYAJIT** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

7. Abstract The Indian subcontinent, owing to its diverse topography, is subject to a large number of natural disasters of which cyclones are among the most frequent. This invention is a framework for effective cyclone warning using cutting edge climate models. It consists of three main modules - Data Assimilation, Data Processing and Data Dissemination. Current atmospheric data is collected in the data assimilation phase. This is then used to simulate weather patterns many days into the future using the Weather Research and Forecasting (WRF) climate model, providing an accurate prediction of the possibility of a cyclone upto three days in advance. In the eventuality that a cyclone is imminent, the Data Dissemination phase is able to broadcast the alert to the maximum number of people under threat. The novelty of this invention lies in the utilization of mobile telephony as the primary alert dissemination mechanism. Cellphones have a deep penetration even in rural pockets of India and thus, allow the alerts to reach the largest possible audience in the quickest time. Further, the framework provides an easy- to-use weather forecasting system, wherein data assimilation, processing and dissemination take place in a completely automated manner without requiring human assistance.

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

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : IN-LINE VALVE ASSEMBLY FOR OXYGEN CONCENTRATORS

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIVEK GUPTA
(32) Priority Date	:NA	Address of Applicant : KAVIA ENGG PVT. LTD., 861, 1ST
(33) Name of priority country	:NA	PHASE JIGANI INDUSTRIAL AREA, JIGANI, ANEKAL
(86) International Application No	:NA	TALUK, BENGALURU - 560 105 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VIVEK GUPTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A linear valve assembly for use in a gas generating system to separate atmospheric feed gas into nitrogen that is eliminated and a stream of concentrated oxygen is described herein. The system for separation of feed gas relies on selectively adsorbing at least one gas component in an adsorption system having atleast two adsorption beds placed in the gas generator, wherein the process of adsorption to generate a continuous stream of concentrated oxygen is facilitated by the operation of the present invention, which is a valve assembly placed in the gas generator and has a plurality of linear poppet valves, such that alternate poppet valves are sequentially opened and closed by a valve actuating unit.

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

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : RELATION FOR TOTAL DIFFRACTION OF AN OBJECT AND IT'S BREADTH BY R. VELMURUGAN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01S3/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)R. VELMURUGAN Address of Applicant :146/5, NORTH DTREET, SENGAMEDU (VILL), AVINANGUDI (OPP), TITTAGUDI (T.K), CUDDALORE (DT) - 606 112 Tamil Nadu India (72)Name of Inventor : 1)R. VELMURUGAN
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(57) Abstract :

I (R.VELMURUGAN)approach a wall(served as screen) when sun rises in the east ie sun is in backside of mine walk direction then diffraction on my shadow decrease ,1 walk back then diffraction on my shadow increase, at one position my shadow totally diffracted due to light from sun this incident induce me to construct relation between opaque and total diffraction on shadow of the opaque.Heretofore written facts are abstract of invention.

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

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN APPARATUS FOR UNIVERSAL SWITCHES, LINKING, CONTROL, MEASURE AND MONITORING

 (51) International classification (31) Priority Document No (32) Priority Date (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)K RAVINDRA SHETTY Address of Applicant :C-606, NAGARJUNA GREEN RIDGE APARTMENT, 80 FEET ROAD, HSR LAYOUT SECTOR 2, BANGALORE - 560 102 Karnataka India (72)Name of Inventor : 1)K RAVINDRA SHETTY
(62) Divisional to Application Number Filing Date	:NA :NA	
Thing Date	.1NA	

(57) Abstract :

An apparatus for universal device and its linkage has been proposed. These devices and modules in the apparatus are used for universal control, monitor, recognition and management of connected units /appliances. Device may consists of Switch/s, Screen, Keypads, Ports, Repeater, HCI, Reader/writer, Booster, Ports, Power ports, Couplings, Sensors, Display, Camera, Power supply, Power Meter, Radio modules, trans-Converters, trans-receiver, Computing device, Media server, Memory, Phone, ,Prognostic& diagnostic, Remote coupled to as many devices, appliances and modules of the apparatus any possible connecting methods. The switch in the device may have single or multi way or with various parameter variation options with appropriate indications. There may be as many switches, power converters and power input / output ports in a device. The power supplied in and out to any of the modules/ switch or appliances may be alternate current or direct current or both with all possible specifications. The modules in the device and apparatus may trans-convert power from one form to other at various parameter levels/values. Self-learning modules and sensors will activate/ deactivate fragrance, multimedia signal/sound level container as per ambience and mood settings. For better efficiency and performance, all the modules in the apparatus are modular by design with built in re-configurable, self-learning module/s for adaptable modularity. Modules in the apparatus may consist of hardware, software, mechanical, optical or hybrid units. One or few or all the modules may activate or make other connected device/s to activate by self- learning or by external signals or adaptive or by recognition or by combination thereof with reconfigurable and interoperable features. Apparatus have built in sensor and appropriate modules to measure the quantity of flow of matter (air, liquid, gas, electricity, Lux etc.). Automatically billing as per tariff plan on the usage of the resources is made available to the consumer, supplier and various organizations on periodic time frame in any form of communication. Complete or part of the device and apparatus may be used for control, monitor, management, reconfigure any parameter of the devices/appliances/sensors/valves/actuators/control based devices, smart metering and automation at home or office/building, or enterprise building or hospitality services or Enterprise resource planning, Business to Business (B2B) or business to consumer (B2C) or business to employee (B2E) or consumer to consumer (C2C) or factories or education institution campuses or traffic signal or street light or vehicles entertainment systems, hotels, gated communities or hospitals or institutions or enterprise or indoor/outdoor stadium and so on.

No. of Pages : 24 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : FUEL EFFICIENT AIR PRESSURE-LOW SMOKE HIGH ENERGY-WOOD & COAL STOVE

(57) Abstract :

I CLAIM, The present condition of our nation is not pleasant, especially in the field of fuel consumption. Our nation is struggling to meet the demand and need of fuel expenditure, due to the depreciation of primary sorourees the cost of ail the fuel commodities are increasing drastically., such as the price of all sorts of fuel are rushing, due to which. Electricity, petroleum products such as L.P.G, kerosene, etc are consumed by us for daily usage .

No. of Pages : 24 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR MONITORING AND CONTROLLING AN ONLINE PROCESS IN A PROCESS PLANT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA	 (71)Name of Applicant : 1)ABB TECHNOLOGY LTD. Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050, ZURICH Switzerland (72)Name of Inventor : 1)PARASKUMAR RANKA
	: NA	2)GANPAT KALAL
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	:NA	3)CHANDAN KUMAR
8	:NA :NA	
() I I I I I I I I I I I I I I I I I I I	:NA :NA	

(57) Abstract :

The invention relates to a method and system for monitoring and controlling an online process in a process plant. The system comprises a Process Control System (PCS) for controlling the online process, an analyzer for collecting a measurement of a process parameter of the online process and an Analyzer Device Integration (ADI) server for facilitating interaction between the PCS and the analyzer. The method comprises configuring a background for the measurement based on a setting of the analyzer. The background is configured using at least one of hte PCS and the analyzer based on a mode for background management. The mode is selected using the PCS from one of a PCS managed mode, an analyzer managed mode and a mixed managed mode. The method also comprises determining the availability of an analytical sub-system of the analyzer for collecting the measurement. FIG. 3

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

(19) INDIA

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : DEPLOYABLE WIRELESS MONITORING SYSTEM FOR FIRE CRISIS

(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	 (71)Name of Applicant : 1)SAURAV PAUL Address of Applicant :HOUSE NO. 1024, SEC-21, HUDA, GURGAON - 122 016 Haryana India 2)PRABHU K.R. (72)Name of Inventor : 1)SAURAV PAUL
(61) Patent of Addition to Application Number :NA Filing Date :NA	2)PRABHU K.R.
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

A modern day building consists of a large number of electrical utilities for various purposes, starting from heating to cooking, and failure of such utilities may cause a serious fire crisis. Therefore, for safe functioning of buildings, an efficient fire monitoring system is required. This project aims to develop a working system for wireless monitoring of a building for fire crisis detection. The system consists of independent fire detection units (FDU) which wirelessly report to a central unit (CU), resulting in a single-point monitoring of the whole building. The main advantage of the system is that it is completely wireless, hence easy to install and upgrade. Moreover, the FDUs are battery powered which aids to the installation process and minimizes wiring.

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

(19) INDIA

(22) Date of filing of Application :08/05/2014

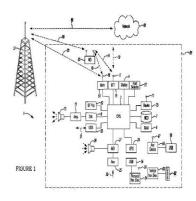
(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR VEHICLE LOCATION UPDATES

(51) International classification	.001021/00	(71) Nome of Ameliant.
(51) International classification	:G01C21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FORD GLOBAL TECHNOLOGIES, LLC
(32) Priority Date	:NA	Address of Applicant :Suite 800, 330 Town Center Drive,
(33) Name of priority country	:NA	Dearborn, Michigan 48126 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ARAVIND, Narayanan
(87) International Publication No	: NA	2)DEVADAS, VM
(61) Patent of Addition to Application Number	:NA	3)VARRIER, Sreekanth V
Filing Date	:NA	4)RADHA, Vyamajala
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system includes a processor configured to receive destination input. The processor is also configured to request contact input to which notification is to be made when a destination is reached. Further, the processor is configured to recognize when a vehicle has reached a destination specified by the destination input and automatically notify a contact associated with the contact input when the vehicle reaches the destination.



No. of Pages : 26 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD FOR PREPARING DIELECTRIC RESONATORS OF ARBITARY SHAPES

(51) International classification:C04I(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA	 B35/00 (71)Name of Applicant : 1)UNIVERSITY OF HYDERABAD Address of Applicant :PROF C R RAO ROAD, GACHIBOWLI, HYDERABAD - 500 046 Andhra Pradesh India (72)Name of Inventor : 1)ANIL TUMULURI
 (87) International Publication No : NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA 	

(57) Abstract :

A method for preparing dielectric resonator with arbitrary shapes, is described herein. Initially, the ceramic composition (Zro.8Sn0.22TiO4ceramic powder with ZrO2, TiO2 and SnO2 as initial ingredients) can be prepared through a mechanical milling (e.g., a ball milling) and the particle size and shape are optimized so as to obtain high density ceramic bodies. The ceramic composition can be mixed in water along with a suitable dispersant, monomer(s) and cross linker in order to form a slurry composition. The slurry can be molded into a mold of desired shape and polymerization of slurry in the mold can be triggered. The polymerized product can be subjected to controlled drying process in order to get rid of the excess water thus to obtain firm green ceramic body. The firm green ceramic body can be subjected to machining or grinding to obtain a net-shaped component with fine surface finish. The final product can heat treated in a controlled fashion to remove polymers and to increase the density of the product.

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

(19) INDIA

(22) Date of filing of Application :12/05/2014

(34) The of the invention : TRANSMUCOSAL DEL	IVERI OF I	OCUTRIENOL
(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PES UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :100 ft Ring road, BSK 3rd stage,
(33) Name of priority country	:NA	Bangalore 560085 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RUSTAGI, Ram P
(87) International Publication No	: NA	2)K, Sripradha
(61) Patent of Addition to Application Number	:NA	3)K, Nikhil Kamath
Filing Date	:NA	4)NAYAK, Nilesh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : TRANSMUCOSAL DELIVERY OF TOCOTRIENOL

(57) Abstract :

Systems and methods for sharing at least one resource with at least one recipient based on 5 recognizing a sequence of gesture and rendering is disclosed in accordance to an implementation of the present subject matter. A dispatcher system (102) disclosed comprises a gesture recognition module 222 configured to identify a sequence of gestures by comparing with a predetermined sequence of gestures, a sharing module 108 configured to identify at least one resource in a senders device, and identify a parameter 10 pertaining to the identified resource, wherein the parameter is at least one of a gage number, a scroll position identification, a seek position identification, a zoom factor, a highlighted portion used for rendering the resource, and the sharing module 108 to transmit the at least resource to the at least one recipient.

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

(19) INDIA

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF CINACALCET

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)APPCURE LABS PVT LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 2, SATYAM ENCLAVE,
(33) Name of priority country	:NA	SURVEY NO: 93, PETBASHEERABAD (V),
(86) International Application No	:NA	QUTHBULLAPUR (M), HYDERABAD - 500 055 Andhra
Filing Date	:NA	Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KIRAN KUMAR MADALLAPALLI
Filing Date	:NA	2)MAHENDER KORAPATI
(62) Divisional to Application Number	:NA	3)KIRAN KUMAR VELAVENI
Filing Date	:NA	

(57) Abstract :

ABSTRACT The present invention relates to pharmaceutical composition comprising cinacalcet and its pharmaceutically acceptable salts and at least one or more pharmaceutically acceptable excipients, wherein the composition is free of binder. The present invention further relates to pharmaceutical composition of comprising cinacalcet and its pharmaceutically acceptable salts and at least one or more pharmaceutically acceptable excipients, wherein the composition comprises binder 5% -10% by weight of total weight of the composition. The present invention further relates process for preparing cinacalcet hydrochloride compositions.

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

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND SYSTEM FOR ADVANCED WIRELESS ROBO RESUER IN CATACLYSM

 (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) TAMILSELVAN KADHAMBARI Address of Applicant :PRATHYUSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT ARANVOYALKUPPAM, THIRUVALLUR, CHENNAI - 602 025 Tamil Nada India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	025 Tamil Nadu India 2)GREETO LYDIA GREETA ANANDHI (72)Name of Inventor : 1)KOILLI NIHANTH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

ABSTRACT Title: Method And System For Advanced Wireless Robo Rescuer In Cataclysm The number of disasters occurred and the people affected have been increased nowadays. Every day, newspapers report new disasters around the world. Immediately after the occurrence of a disaster, the responders go to the affected region to rescue people and solve eventual problems. These areas offer many dangers to the rescue team. So it is very important to verify the safety of the environment before sending the rescue team inside the affected area. The objective of the project is to design a wireless controlled surveillance robot to sense and do rescue operations in abnormal working environment. The commands to the surveillance robot and robotic arm are from the lab VIEW. The commands are received at Xbee receiver which in processed and given to corresponding driver circuitry to drive motors of the robot. At the same time the information from the sensors is transmitted back to the labVIEW and is displayed on the front panel of the VI. The rescue team can wirelessly receive the data in real time and locate the robot precisely. By that way the rescue team will be able to know if the area is safe or not before entering it.

No. of Pages : 18 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : SINGLE-SLOT BI-DIRECTIONAL MESSAGE EXCHANGE IN RELAY 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 	:H04L12/00 :NA :NA :NA :NA :NA : NA : NA	 (71)Name of Applicant : 1)EMPIRE TECHNOLOGY DEVELOPMENT LLC Address of Applicant :2711 Centerville Road, Suite 400, Wilmington, Delaware 19808, United States of America U.S.A. (72)Name of Inventor : 1)Arvind Vijay KEERTHI
Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Technologies are generally provided for single-slot bi-directional message exchange that allows two nodes to transmit in the same time-slot at the same frequency. The transmissions may be relayed to the destination node within the same time-slot. An interfering signal generated by each node may appear time-offset in the same time slot as it was transmitted, superimposed on the message signal from the other terminal. Roundtrip and cross-trip delay estimates and channel estimates may be determined at each node. Transmitted signals may be recovered at the destination nodes based on the roundtrip and cross-trip delay estimates.

No. of Pages : 38 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :14/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN ACCURATE ZERO CURRENT DETECTOR CIRCUIT IN SWITCHING REGULATORS

(51) International classification(31) Priority Document No	:NA	(71)Name of Applicant :1)Cirel Systems Private Limited
(32) Priority Date(33) Name of priority country	:NA :NA	Address of Applicant :First Floor, A-Block, 60 Feet Road, AECS Layout, Kundalahalli, Bangalore, Karnataka, India
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Leela Madhav Lakkimsetti
(61) Patent of Addition to Application Number	:NA	2)Raghavendra Rao Haresamudram
Filing Date	:NA	3)Prasenjit Bhowmik
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switching regulator circuit includes a gate driver circuit driving a first switch and a second switch to generate a first voltage at a first node. Further, the switching regulator includes an LC filter circuit responsive to the first voltage to generate a desired output voltage. Moreover, the switching regulator includes a regulator circuit coupled to the LC filter circuit to control the gate driver circuit. The regulator circuit accurately controls variations in trip point. The trip point is a voltage at which the second switch is switched OFF by the gate control circuit. The regulator circuit includes one of a Delay Locked Loop (DLL) and a Pulse width modulator (PWM) controller.

No. of Pages : 36 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :06/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A STABILIZER MECHANISM FOR AERIAL WORK PLATFORM

(51) International classification	:B66F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)L&T TECHNOLOGY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :DLF IT SEZ PARK, 2ND FLOOR-
(33) Name of priority country	:NA	BLOCK 3, 1/124, MOUNT POONAMALLEE ROAD,
(86) International Application No	:NA	RAMAPURAM, CHENNAI - 600 089 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ATUL CHANDRA TRIPATHI
(61) Patent of Addition to Application Number	:NA	2)TINU THOMAS MEPPRATH
Filing Date	:NA	3)AMIT KAMBOYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Stabilizer Mechanism for Aerial Work Platform According to embodiments of the disclosure, a stabilizer arrangement 100 for a self-propelled aerial work platform vehicle 10 having a work platform 18, a lifting section 16 for elevating and lowering the work platform 18 and a chassis 12 for supporting lifting section 16 and at least two safety plates 24is disclosed. The stabilizer arrangement 100 may include a pushing element 102, at least two linkage mechanism 104 and an arc shaped resilient member 110 supported on an actuator frame 22. A first end 106 of each linkage mechanism 104 may be coupled to each safety plate 24. Each end 112 of the arc shaped resilient member 110 may be hinged to a second end 114 of each linkage mechanism 104, such that downward vertical movement of the work platform 18 may result in imparting a downward vertical movement to a center part 116 of the arc shaped resilient member 110 by the pushing element 102.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.2269/CHE/2014 A	
(22) Date of filing of Application :06/05/2014		(43) Publication Date : 08/01/2016	
(54) Title of the invention : VOLTIC GLOVE SELF - PROTECTION GLOVE WITH INSULATIONS AND CONDUCTORS TO PROVIDE ELECTRIC SHOCK TO THE CRIMINALS			
(51) International classification	:A41D	(71)Name of Applicant :	
(31) Priority Document No	:NA	1)RAJALAKSHMI ENGINEERING COLLEGE	
(32) Priority Date	:NA	Address of Applicant :RAJALAKSHMI NAGAR,	
(33) Name of priority country	:NA	THANDALAM, CHENNAI - 602 105 Tamil Nadu India	
(86) International Application No	:NA	(72)Name of Inventor :	
Filing Date	:NA	1)MR. JAKITH DEVA PRIYAN J	
(87) International Publication No	: NA		
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Filing Date

ABSTRACT The present invention provides a personal self-protection system housed inside a voltic glove for being worn about fingers, front palm and back hand of a users hand. The voltic glove has conductors that are placed in such a manner that each of the four main fingers has two conductors of different voltages for providing electric shock to criminals more amidst the struggle with him. The glove has dotted rubber grips that increase the grip between the hand and glove. The glove is made up of cloth material with insulation facilitating the user to wear it comfortably.

:NA

:NA

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

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHANOLIC EXTRACT AND DIFFERENT FRACTIONS OF BRYONOPSIS LACINIOSA FOR DIABETES MELLITUS IN DIABETIC RATS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K36/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)DR. GOVERDHAN PUCHCHAKAYAL Address of Applicant :ETHNOPHARMACOLOGY LAB, UNIVERSITY COLLEGE OF PHARMACEUTICAL SCIENCES, KAKATIYA UNIVERSITY, WARANGAL - 506 009 Andhra Pradesh India 2)DR. KRISHNA MOHAN GOTTUMUKKALA (72)Name of Inventor : 1)DR. GOVERDHAN PUCHCHAKAYALA 2)DR. KRISHNA MOHAN GOTTUMUKKALA
(62) Divisional to Application Number Filing Date	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	1)DR. GOVERDHAN PUCHCHAKAYALA

(57) Abstract :

ABSTRACT The present invention related to a novel extract for controlling hyperglycaemia and hyperlipidaemia in the management of diabetes. Aim of the study: To determine the effectiveness of unripe fruits of Bryonopsis laciniosa (BL) extracts as an antidiabetic agent in vitro and in vivo. Preparation of Extract: Methanolic extract of BL and its fractions of Bryonopsis laciniosa Method: Hypoglycemic effect in normal and antihyperglycemic activityin diabetic rats, rat hemi-diaphragm, cell line(3T3-Ll cells and RIN cells), Rat hemi diaphragm method. Results: The extract increased glucose uptake in 3T3-L1 cells and in rat hemi-diaphragm extract increased basal and glucose-induced insulin secretion in RINm cells. They have potential antihyperglycaemic, antihyperlipidaemic effects, No toxic effect was observed after 28 days treatment, Ethyl acetate fraction of BL (EAFBL) exhibited a concentration dependent free radical scavenging activity. In sub acute study in streptozotocin induced diabetic rats, EAFBL showed antioxidant activity by significantly decreasing the level of lipidperoxidative marker, malondialdehyde (MDA), a protective action against cell damage required in diabetes therapy. Conclusions: Bryonopsis laciniosa extract has effects that enhance glucose uptake and provide the basis for antidiabetic activity of the extract.

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

(19) INDIA

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYNTHESIS OF DIETHYL (3-CHLORO-6, 7-DIFLUORO-1H-THIAZOLO [3, 4-A] QUINOXALIN-1-YLIDENE) MALONATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D513/00 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Dr. MANOHAR.P.SHINHASAN Address of Applicant :General Hospital, Kalghatgi Taluq, Dharwad District, Karnataka, India Karnataka India (72)Name of Inventor : 1)Dr. MANOHAR.P.SHINHASAN
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		

(57) Abstract :

The present invention relates to synthesis of novel compound of Diethyl (3-Chloro-6,7-difluoro-1H-thiazolo[3,4-a]quinoxalin-1ylidene) malonate from Ocimum Sanctum/Ocimum Tenuiflorum (holy basil) plant extract for the treatment of Human Immunodeficiency Virus (HIV) and HIV related Acquired Immunodeficiency Syndrome (AIDS). The novel compound has molecular formula of C17H13O4N2F2SCl.

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

(19) INDIA

(22) Date of filing of Application :09/01/2013

(43) Publication Date : 08/01/2016

(54) Title of the invention : NEMATICIDAL MIXTURES FOR USE IN SUGAR CANE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A01N47/02,A01N43/90,A01N25/00 :61/357545 :23/06/2010 :U.S.A. :PCT/EP2011/060274 :21/06/2011 :WO 2011/161071 :NA :NA	 (71)Name of Applicant : 1)BASF AGRO B.V. ARNHEM (NL) W, DENSWIL BRANCH Address of Applicant :Moosacherstrasse 2 CH 8804 Au Switzerland (72)Name of Inventor : 1)PRADE Alexander Guttenkunst 2)AZENHA Antonio Cesar
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for the synergistic plant nematode control in sugar cane with a mixture of fipronil and abamectin comprising fipronil and abamectin in a ratio by weight of from 1:10 to 10:1 wherein the mixure is applied to sugar cane in furrow a method for the synergistic plant nematode control in sugar cane with a mixture of fipronil and abamectin comprising fipronil and abamectin in a ratio by weight of from 1:10 to 10:1 wherein the mixture of sugar cane and a method which combines synergistic plant nematode control with (preferably synergistic) improvement of the plant health of sugar cane plants.

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

(19) INDIA

(22) Date of filing of Application :06/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR DEVICE IDENTIFICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06K9/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)INMOBI PTE LTD Address of Applicant :65 CHULIA STREET, #25-01/02/03 OCBC CENTRE, SINGAPORE 049513 Karnataka India (72)Name of Inventor : 1)SAIKIA, RITWIK
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	2)PALL, INDERBIR SINGH
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for identifying a device comprising one or more applications. The method includes, collecting activity data for various sensors on the device. The activity is triggered by an interrupt caused by the one or more applications. In addition, the method includes storing the collected data in accordance with the at least one of multiple time intervals and multiple dimensions. In addition, the method includes associating unique identity to stored data. In addition, the method includes assigning a unique identity of the device. The assigning is done by clustering the data entries with similar characteristics.

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

(19) INDIA

(22) Date of filing of Application :06/05/2014

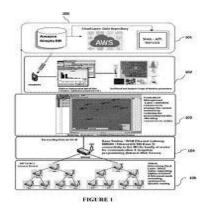
(43) Publication Date : 08/01/2016

(54) Title of the invention : A SYSTEM AND METHOD TO MONITOR REAL TIME PREDICTIONS IN WEATHER CONDITIONS USING SENSOR INTEGRATED CLOUD BASED INTERNET OF THINGS (IOT) WITH A GENERIC WEB BASED API (APPLICATION PROGRAMMING INTERFACE)

(51) International classification	:H04W84/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M.S. Ramaiah Institute of Technology
(32) Priority Date	:NA	Address of Applicant :MSR College Road, MS Ramaiah
(33) Name of priority country	:NA	Nagar, Mathikere, Bangalore, Karnataka 560054 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)K.G. Srinivasa
(87) International Publication No	: NA	2)Mohd. Nabeel Siddiqui
(61) Patent of Addition to Application Number	:NA	3)Abhishek Kumar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[0049] Abstract [0050] The present invention discloses an automated system and method to monitor real time predictions in weather conditions using sensor integrated cloud based internet of things (IoT) with a generic web based API (Application Programming Interface). The system (100) comprises of a X-mesh networking stack layer (105) which includes a wireless MICAZ motes for gathering and transmitting of ontological real time prediction weather data of each topology to a WSN (wireless sensor network) Ethernet gateway layer (104). The WSN (wireless sensor network) Ethernet gateway layer (104) relays real time prediction weather data to the centralized management layer (103). The centralized management layer (103) provides MOTE-view to user about weather data. A cloud data repository layer (101) includes a data base and an API (application program interface), which is configured to acquire and structure the live feed of real time prediction weather data of each topology from the centralized management layer (103).



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

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : IMPROVED EJECTOR INDUCED GASIFICATION STOVE-N KG/HOUR

(51) International classification	:F24B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAIN UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : JAKKASANDRA POST,
(33) Name of priority country	:NA	KANAKAPURA TALUK, RAMNAGARA, BANGALORE - 562
(86) International Application No	:NA	112 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PROF. HANASOGE SURYANARAYANA AVADHANY
(61) Patent of Addition to Application Number	:NA	MUKUNDA
Filing Date	:NA	2)DR. CHITRADURGA SUBRAHMANYA BHASKAR
(62) Divisional to Application Number	:NA	DIXIT
Filing Date	:NA	3)MR. YELLAMPALLI SREENATH

(57) Abstract :

The present invention describes an improved ejector induced gasification stove. The stove described consists of an inclined fuel port 30 such that natural movement of the fuel is enabled. The fuel used in the stove varies from split fuel wood sticks to other agroresidues like cotton stalk, corncobs or other biomass in loose, pelletized or briquetted form. The stove is further provided with an ejector 32, which receives air from a fan 33, which is an axisymmetric combustion air device that focuses the combustion to a high intensity zone to efficiently burn the fuel rich gasses with minimum undesirable emissions. The present invention further describes Hybrid Ejector induced - Reverse-downdraft gasifier Stove (HERS). The design ensures use of pellet or wood chip, by introducing the ejector principle in a reverse downdraft design operations. Figure 3

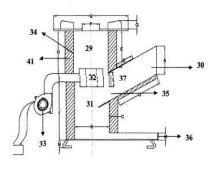


Figure 3a

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

(19) INDIA

(22) Date of filing of Application :04/01/2013

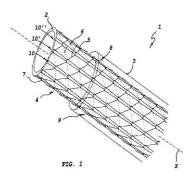
(43) Publication Date : 08/01/2016

(54) Title of the invention : FLEXIBLE HOSE WITH KNITTING REINFORCEMENT AND PROCESS FOR ITS MANUFACTURING

(51) International classification	:F16L11/08	(71)Name of Applicant :
(31) Priority Document No	:VI2010A000189	1)CANEVA Gianmarco
(32) Priority Date	:07/07/2010	Address of Applicant : Via Venezia 8 36077 Altavilla
(33) Name of priority country	:Italy	Vicentina (VI) Italy
(86) International Application No	:PCT/IB2011/001552	2)CANEVA Luigino
Filing Date	:04/07/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/004646	1)CANEVA Gianmarco
(61) Patent of Addition to Application		2)CANEVA Luigino
Number	:NA	
Filing Date	:NA	
6	NT A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

A flexible hose with knitted reinforcement comprising at least one inner tubular layer (2) made of polymer material defining a longitudinal axis (X) and at least one layer of knitted reinforcement (4) wound on said inner layer (2) and having at least a first (5) and a second (6) series of yarns spiral wound on said inner layer (2) and knitted together to form respective mesh courses (8 8 8 ...; 9 9 9) that are inclined with respect to said axis (X) and respective mesh wales (10 10 10 ...) substantially parallel to said axis (X). The mesh wales (10 10 10 ...) of said first series of yarns (5) are superimposed on the mesh wales (10 10 10 ...) of said second series (6) to define a single layer reinforcement knitting (4). A process for making the hose.



No. of Pages : 21 No. of Claims : 11

(19) INDIA

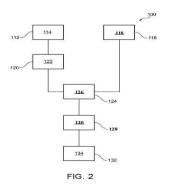
(22) Date of filing of Application :30/01/2013

(43) Publication Date : 08/01/2016

(54) Title of the invention : 3D ORIGINATED CARDIAC ROADMAPPING

(57) Abstract :

The present invention relates to 3D originated cardiac roadmapping. In order to improve the accuracy of the information provided to the user as navigation information without any additional burden to the patient such as additional X ray dose a method is described comprising the steps of a) providing 3D+t image data of a vascular structure of an object; b) acquiring two dimensional image data of the object which object comprises the vascular structure the 2D image data comprising at least one 2D image; c) projecting the vascular structure thereby generating a plurality of mask images on the basis of a 3D+t image data; d) registering the at least one 2D image with one of the plurality of the mask images wherein the registration comprises finding the maximum of a similarity factor between the mask images and the at least one 2D image; e) generating a combination of the at least one 2D image and a projection of the vascular structure on the basis of the 3D+t image data according to the registration; and f) displaying the combination as a guiding vessel tree projection. Thus improved cardiac roadmapping in form of a topographical roadmapping is provided since the roadmapping is based on three dimensional data.



No. of Pages : 35 No. of Claims : 14

(19) INDIA

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

(43) Publication Date : 08/01/2016

(51) International classification	:C08B15/02	(71)Name of Applicant :
(31) Priority Document No	:20105640	1)KEMIRA OYJ
(32) Priority Date	:07/06/2010	Address of Applicant :Porkkalankatu 3 FI 00180 Helsinki
(33) Name of priority country	:Finland	Finland
(86) International Application No	:PCT/FI2011/050525	(72)Name of Inventor :
Filing Date	:06/06/2011	1)KARPPI Asko
(87) International Publication No	:WO 2011/154599	2)VUORENPALO Veli Matti
(61) Patent of Addition to Application	:NA	3)ROBERTS‰N Leif
Number		4)PARVIAINEN Kari
Filing Date	:NA	5)DAHL Olli
(62) Divisional to Application Number	:NA	6)VANHATALO Kari
Filing Date	:NA	
		I

(54) Title of the invention : PROCESS FOR PRODUCING MICROCELLULOSE

(57) Abstract :

The present invention relates to a process for producing microcellulose comprising subjecting fibrous cellulosic material to acid hydrolysis at a temperature from 10°C to less than 140°C and at a consistency of at least 8% on dry weight of the cellulose wherein the amount of added acid is from 0.2 to 2% preferably from 0.3 to 1.9% more preferably from 0.5 to 1.5% on dry weight of the cellulose.

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

(19) INDIA

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : ELECTRO-MECHANICAL GEAR SHIFTER FOR ELECTRIC VEHICLES WITH ILLUMINATION

 (51) International classification (31) Priority Document No (32) 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 :NA	 (71)Name of Applicant : 1)PRICOL LIMITED Address of Applicant :CPM Towers, 109, Race Course, Coimbatore. Tamil Nadu India (72)Name of Inventor : 1)R.Radhakrishnan 2)S.D.NandaKumar 3)K.Rajkumar
Filing Date	:NA	5) K.Kajkumar
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to an electro-mechanical gear shifter with illumination for electric vehicles. An electro-mechanical gear shifter apparatus for electric vehicles that senses the gear position as selected by user and effectively transfers the gear position signal to the motor control unit while driving the vehicle. The sensing arrangement used in the gear shifter is non-contact type sensing. Advantageously, the present invention is provided with illumination on top of the gear shifter to increase the aesthetic aspects of said gear shifter in dark operative environment.

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

(19) INDIA

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : ELECTROCHEMICAL DEVICES THAT INCLUDE SEALING 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 	:H01M10/00 :NA :NA :NA :NA :NA : NA :NA :NA	 (71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor : 1)KUMAR, SUNDEEP 2)SUDDALA, VIPIN RAJU
(61) Patent of Addition to Application Number	:NA	2)SUDDALA, VIPIN RAJU
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

ELECTROCHEMICAL DEVICES THAT INCLUDE SEALING STRUCTURES ABSTRACT An electrochemical cell is presented. The cell includes a first component, a second component, and an intermediate structure disposed between the first component and the second component includes nickel. The intermediate structure includes a glass and an active braze alloy. The glass is present in an amount between about 17 volume percent and about 60 volume percent of the intermediate structure, and the active braze alloy includes an active metal element in an amount less than about 10 weight percent of the active braze alloy. Batteries including a plurality of interconnected electrochemical cells are also provided. FIG. 2.

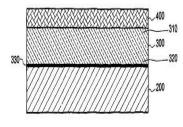


FIG.2 No. of Pages : 24 No. of Claims : 19

(19) INDIA

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

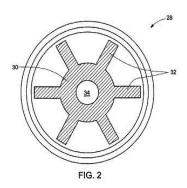
(43) Publication Date : 08/01/2016

(54) Title of the invention : INDUCTION HEATING DEVICE AND AN ASSOCIATED METHOD THEREOF

(51) International classification	:G01V	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHAT, SUMA MEMANA NARAYANA
(87) International Publication No	: NA	2)BICKNELL, WILLIAM HULL
(61) Patent of Addition to Application Number	:NA	3)BHATACHARYA, ANANDAROOP
Filing Date	:NA	4)RAGHUNATHAN, ARUN KUMAR
(62) Divisional to Application Number	:NA	5)BOHORI, ADNAN KUTUBUDDIN
Filing Date	:NA	

(57) Abstract :

INDUCTION HEATING DEVICE AND AN ASSOCIATED METHOD THEREOF ABSTRACT [0029] An induction heating device includes a non-uniform support structure disposed on a heat spreader plate. A plurality of ferromagnetic blocks are spaced apart from each other and disposed on the non-uniform support structure. An induction coil is disposed on the plurality of ferromagnetic blocks. A support top is disposed above and spaced apart from the induction coil. Fig. 2



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

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : PORTABLE CRYPTOGRAPHIC INTERFACE DEVICE WITH PHYSICAL CONTROLS AND FEEDBACK

(31) Priority Document No :NA	 (71)Name of Applicant : 1)CYBERNEME PRIVATE LTD
(32) Priority Date :NA	Address of Applicant :203, AKSHAYA APARTMENTS, 48,
(33) Name of priority country :NA	PACHAYAPPA COLLEGE, HOSTEL ROAD, CHETPET,
(86) International Application No :NA	CHENNAI 600 031 Tamil Nadu India
Filing Date :NA	(72)Name of Inventor :
(87) International Publication No : NA	1)BALAKRISHNAN ROBERT RAJA
(61) Patent of Addition to Application Number :NA	2)SATHYAN CHANDRAN
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

ApplicantTMs Name: CYBERNEME PRIVATE LTD Application Number : 2310/CHE/2014 Title: PORTABLE CRYPTOGRAPHIC INTERFACE DEVICE WITH PHYSICAL CONTROLS AND FEEDBACK ABSTRACT The present invention discloses a digital signature interface device for mobile phones and other connected host devices and method thereof. The invention is a physical electronic device that has the interfaces for plugging in a smart card or USB cryptographic token. The device comprises of wireless transceiver, microcontroller, ISO 7816 interface, ISO 7816 connector, USB connector for crypto tokens, USB connector for the host computing device, display, touch input screen, buzzer, buttons for operation, LED indicators, external memory, real time clock and battery USB connector for charging, power management module and battery. The invention is characterized by the presence of display panel in the device thereby enabling the user to view the data that is being currently signed. The invention is further characterized by the presence of control buttons to accept /reject the digital signature operations after viewing the data in the display panel. These features ascribe the invention a high degree of transaction security.

No. of Pages : 34 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND APPARATUS OF TRANSMISSION POWER CONTROL IN THE PRESENCE OF INTERFERENCE

(51) International classification	:H04W52/24,H04W52/38	(71)Name of Applicant :
(31) Priority Document No	:12/835278	1)QUALCOMM INCORPORATED
(32) Priority Date	:13/07/2010	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/US2011/043900	(72)Name of Inventor :
Filing Date	:13/07/2011	1)LI Junyi
(87) International Publication No	:WO 2012/009466	2)WU Xinzhou
(61) Patent of Addition to Application	:NA	3)SUBRAMANIAN Sundar
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of operating a wireless device is provided in which an interference level on a resource is determined. In addition a signal is transmitted on the resource with a first power when the interference level is low. The first power is such that the signal is received with a first SNR. Furthermore the signal is transmitted on the resource with a second power when the interference level is high. The second power is such that the signal is received with a second SNR less than the first SNR.

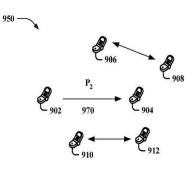


FIG. 9B No. of Pages : 37 No. of Claims : 40

(19) INDIA

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

(43) Publication Date : 08/01/2016

(51) International classification (31) Priority Document No	:G06F9/44,G05B19/414 :1089/10	(71)Name of Applicant : 1)FERAG AG
(32) Priority Date	:02/07/2010	Address of Applicant :Z ¹ /4richstrasse 74 CH 8340 Hinwil
(33) Name of priority country	:Switzerland	Switzerland
(86) International Application No	:PCT/CH2011/000151	(72)Name of Inventor :
Filing Date	:21/06/2011	1)FELIX Markus
(87) International Publication No	:WO 2012/000124	
(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 : USER INTERFACE SYSTEM FOR OPERATING MACHINES

(57) Abstract :

In order to produce a graphical user interface for operating one or more machines a graphical symbol library having a plurality of graphical control elements is created and stored (S12). Furthermore a function library comprising a plurality of function designations having associated classification information is created and stored (S11). Function designations are selected (S21) from the function library for a user interface and graphical control elements from the graphical symbol library (27) are associated (S15) with the function designations. The graphical control elements are grouped and arranged (S23) in the user interface on the basis of the classification information class specific rules and stored design rules. The user interface is displayed on a touch sensitive display in accordance with the size of the display and function rights of a user. An electromechanical control element is provided for inputting a control command regardless of rights.

No. of Pages : 45 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :06/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A PROCESS FOR PREPARATION OF ROAST & GROUND IMPREGNATED INSTANT COFFEE(51) International classification:A23F(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NA(56) International Application No:NA(71) Name of Applicant :(71) Name of Applicant :(72) Name of Inventor :

Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Vincent Miller
(61) Patent of Addition to Application Number	:NA	2)Ganga Prasad
Filing Date	:NA	3)Manish Mistry
(62) Divisional to Application Number	:NA	4)Vinayak Prabu
Filing Date	:NA	

(57) Abstract :

A PROCESS FOR PREPARATION OF ROAST & GROUND IMPREGNATED INSTANT COFFEE A process for preparation of a hybridized instant coffee with the flavour of traditional roast and ground coffee, comprising the steps of: i. Preparing concentrated coffee extract/liquor; ii. Preparing micro grind powder by micro grinding; iii. Homogenizing the concentrated extract/liquor and micro grind powder; and iv. freezing and drying of concentrate to freeze dried granules impregnated with R & G powder wherein, the micro grinding is carried out in an impact pulverizer.

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

(22) Date of filing of Application :06/05/2014

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR DEVELOPMENT OF MIMO COMMUNICATION NODE USING GNU RADIO

(51) International classification:H04B1/0(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 of Application Number:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA	 (71)Name of Applicant : (1)M. S. Ramaiah School of Advanced Studies, Bangalore Address of Applicant :#470-P, Peenya Industrial Area, Peenya 4th Phase, Bengaluru, Karnataka, India 560 058. Karnataka India (72)Name of Inventor : (72)Name of Inventor : (72)Name of Inventor : (72)Venkatanatha Sarma Yerragudi (73)N. D. Gangadhar (74)Govind R. Kadambi
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(57) Abstract :

ABSTRACT According to the aspect of the present disclosure, the software defined MIMO communication node is realized in two configurations as Embedded system and Network interface card/controller (NIC). The embedded system and the network interface card/controller are developed as a software defined radio (SDR) using GNU Radio interfaced with the operating system (Linux or Unix) kernel. According to yet another aspect of the present disclosure, the MIMO coder/decoder block of the communication node are developed in the GNU Radio. According to yet another aspect of the present disclosure, the MIMO coder and decoder blocks are connected to the built-in channel coder/decoder and modulator/demodulator blocks to generate a software defined radio (SDR) in GNU Radio.

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

(19) INDIA

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A SYSTEM FOR LOCKING DOWN A COMPUTING DEVICE FOR RESTRICTED ACCESS TO END USERS

 (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)42Gears Mobility Systems Private Limited Address of Applicant :1/A, 2nd Floor, 27th Main Road, HSR Layout, Bangalore Karnataka India (72)Name of Inventor : 1)Onkar Singh Parhar
 (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)Prakash Gupta 3)Pranay Choudhary 4)Bhanderi Rinkalkumar Pravinbhai

(57) Abstract :

[0048] The present invention discloses system for locking down the computing devices for restricted access to end users. The system includes a lock down module, a monitoring module and a single application module. The system using these modules blocks a userTMs access to at least one of a plurality of unallowed applications and restricts userTMs access to modify a peripheral setting like GPS, Airplane Mode, Bluetooth®, etc. The system allows only the desired applications to run and no other application is visible on the device. If the user tries to access an unallowed application through any means, it is immediately terminated. Computing device peripheral settings are locked down to desired value so that the users cannot change the settings.

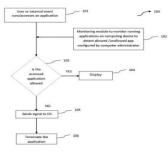


FIGURE Ia

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

(19) INDIA

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : LUNAR SOIL SIMULANT AND A PROCESS FOR ITS MANUFACTURE

		(71)Name of Applicant :
(51) International classification	:B64G1/00	
(31) Priority Document No	:NA	Address of Applicant :of Department of Space, Antariksh
(32) Priority Date	:NA	Bhavan, New BEL Road, Bangalore 560094, India Karnataka
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sananth Harihara Menon
(87) International Publication No	: NA	2)Shobha Jose
(61) Patent of Addition to Application Number	:NA	3)Jayesh Jayan Kannamkumarath
Filing Date	:NA	4)Ramachandra Rao Adduru
(62) Divisional to Application Number	:NA	5)Jojo Mathew
Filing Date	:NA	6)Kumkumath Mukundan
		7)Venkataraman Srinivasan

(57) Abstract :

The present invention relates to a lunar soil simulant prepared from a terrestrial analogue and a method for producing and manufacturing it. The simulant almost equivalent with regolith of lunar highland region and comparable with Apollo 16 return samples. The lunar soil simulant can be used for scientific studies of lunar terrain relating to mobility/ trafficability of rover for scientific explorations or for the study of geo-technical/ mechanical properties of lunar soil for understanding the engineering behavior of lunar regolith or to carry out fundamental research work (theoretical and experimental) to postulate a broad design philosophy for realizing civil engineering structures on Moon surface, and to make a pathway to lunar locomotive engineering.

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

(22) Date of filing of Application :06/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : STEER CONTROL MANEUVERS FOR MATERIALS HANDLING 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 	:G05D1/02,B66F9/075 :13/272337 :13/10/2011 :U.S.A.	 (71)Name of Applicant : 1)CROWN EQUIPMENT CORPORATION Address of Applicant :A Corporation Of The State Of Ohio 40 South Washington Street New Bremen OH 45869 U.S.A. (72)Name of Inventor : 1)SIEFRING Vernon W. 2)CORBETT Michael

(57) Abstract :

A materials handling vehicle automatically implements steer maneuvers when objects enter an environment around the vehicle. A steer correction maneuver is automatically performed by steering the vehicle away from the detected object wherein an angle of steer correction and/or a rate of change of the steering angle that is implemented to achieve a desired angle of steer correction is dependent upon how far from a reference coordinate associated with the vehicle the detected object is determined to be.

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No. of Pages : 71 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :09/05/2014

(54) Title of the invention : SYSTEM ON CHIP GPS RECEIVER WITH GSM IN FPGA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01S19/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)VIMALKUMAR KAVYA Address of Applicant :PRATHYUSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, ARANVAYALKUPPAM, THIRUVALLUR - 602 025 Tamil Nadu India 2)VITTAL THULASI BAI 3)DHULIPALA JAHNAVI (72)Name of Inventor : 1)VIMALKUMAR KAVYA 2)VITTAL THULASI BAI 3)DHULIPALA JAHNAVI
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(57) Abstract :

Global Positioning System (GPS) is a space-based global navigation satellite system. It provides time and location information to users anywhere on Earth. Nowadays, GPS is very useful not only for military applications but also for civil applications. This system models a GPS receiver for a system on chip application. This system presents the design challenges and implementation issues of GPS receiver as system on chip in FPGA board. The digital back-end and analog front end of a GPS receiver is modeled in this system .VHDL modeling of various communication sub-blocks, detection and demodulation schemes is done. GPS receiver calculates the position based on the data collected from four satellites. Given four satellites, acquisition of the data from the signals is performed and data demodulated from the same. Code acquisition and tracking of the GPS C/A signal is implemented. MODEL SIM simulator is used to validate the behavioral VHDL model. The analog front end is designed and integrated with the digital baseband GPS receiver and digital baseband GSM which is implemented in FPGA. Quartus II software is used to integrate the analog front end and digital back end of the GPS receiver and GSM module. The GPS output is send to the GSM digital core module and output from the FPGA is sent to the mobile through wireless medium.

No. of Pages : 16 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :14/05/2014

(54) Title of the invention : A VANE PUMP		
(51) International classification	:F04C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VEDAVYASA Sachin Dambal
(61) Patent of Addition to Application Number	:NA	2)NAGARAJAN Arjun
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract :

Disclosed herein is a vane pump comprising at least a rotor 102 having a multiple slots 104, each of the slot 104 accommodates a vane 106. The vane pump is characterized in having at least a pair of inlet distributor plate 108 and outlet distributor plate 110 and a cam ring 112. The cam ring 112 accommodates the rotor 102 and is located between the inlet distributor plate 108 and the outlet distributor plate 110, the cam ring 112 provided with a circumferential slot 114, profile of the circumferential slot 114 is complementary to a groove 116 provided on the vane 106. Reference figure: Figure 1

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

(19) INDIA

(22) Date of filing of Application :14/05/2014

(54) Title of the invention : A COMPOSITION COMPRISING OF ORCHID EXTRACT 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 	:A61K8/00 :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : I)ITC LIMITED Address of Applicant :ITC-LIFE SCIENCE AND TECHNOLOGY CENTER #3, 1st Main, Peenya Industrial Area, Phase 1, Bangalore 560 058, Karnataka India (72)Name of Inventor : I)KALLUKALAM, Bobby Cherian BUTTI, Srinu SHAH, Dipak Kumar I)DIXIT, Ajay Kumar KALSI, Gurpreet LAKSHMANAN, Chandrasekharan Chittur
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(57) Abstract :

The present disclosure provides a composition comprising of orchid extract for promoting hair growth, hair stem cell proliferation, or clonogenic ability of hair stem cells.

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

(21) Application No.3344/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/05/2014

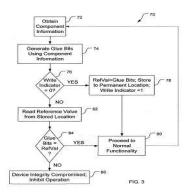
(54) Title of the invention : COMPUTING DEVICE INTEGRITY PROTECTION

(43) Publication Date : 08/01/2016

(51) International classification	:G06F21/70,G06F21/73	(71)Name of Applicant :
(31) Priority Document No	:13/274968	1)QUALCOMM INCORPORATED
(32) Priority Date	:18/11/2011	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/US2012/065736	(72)Name of Inventor :
Filing Date	:18/11/2012	1)MAO Yinian
(87) International Publication No	:WO 2013/075069	2)PALANIGOUNDER Anand
(61) Patent of Addition to Application	:NA	3)LI Qing
Number	:NA :NA	4)TIEDEMANN JR. Edward George
Filing Date	.1NA	5)NASIELSKI John Wallace
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of operating a computer system includes: obtaining at the computer system verification input information associated with each of multiple hardware components of the computer system; cryptographically processing at the computer system the verification input information to obtain a cryptographic result; and determining at the computer system whether to allow or inhibit depending upon a comparison of the cryptographic result with a verification value further operation of at least one of the hardware components.



No. of Pages : 29 No. of Claims : 38

(19) INDIA

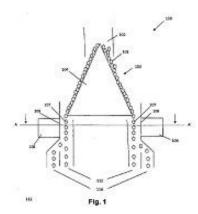
(22) Date of filing of Application :07/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN APPARATUS AND A METHOD FOR SORTING A PARTICULATE 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 	:B03C1/02,B07B13/00 :2011904588 :04/11/2011 :Australia	 (71)Name of Applicant : 1)CURTIN UNIVERSITY OF TECHNOLOGY Address of Applicant :Kent Street Bentley Western Australia (72)Name of Inventor : 1)BOX John Clarence 2)GOLOVANEVSKIY Vladimir Arkadievich

(57) Abstract :

The present disclosure provides an apparatus for sorting a particulate material. The apparatus comprises a receiving portion for receiving the particulate material having a particle size within a predetermined range of sizes. The apparatus also comprises a distributor for receiving the particulate material at an upper end thereof and having a sloped distribution surface along which in use the particulate material passes substantially by gravity. A surface area of the sloped distribution surface increases towards a lower end of the distributor to facilitate a monolayer feed stream of the particles exiting and falling from a lower end of the distributor distributor distributed as a curtain like stream of particles. The apparatus further comprises a magnetic element for generating a magnetic force that is directed such that the particles of the falling feed stream that exit the lower end of the distributor have pathways that depend on magnetic properties of the particles. The apparatus also comprises sorting portions for sorting the particles based on the pathways of the particles.



No. of Pages : 28 No. of Claims : 32

(19) INDIA

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

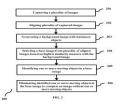
(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD AND DEVICE TO COMPOSE AN IMAGE BY ELIMINATING ONE OR MORE MOVING OBJECTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06T7/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)Samsung R & D Institute India- Bangalore Address of Applicant :# 2870, Orion Building, Bagmane Constellation Business Park, Outer Ring Road, Doddanekundi Circle, Marathahalli Post, Bangalore- Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Alok Shankarlal Shukla
(61) Patent of Addition to Application Number	:NA	2)Pankaj Kumar Bajpai
Filing Date	:NA	3)Kasireddy Viswanatha Reddy
(62) Divisional to Application Number	:NA	4)Keyur Ruganathbhai Ranipa
Filing Date	:NA	

(57) Abstract :

A method and device to compose an image by eliminating one or more moving objects in a scene being captured is provided. The method includes capturing plurality of temporally close images of the scene of interest. Further, the method includes generating a background image from aligned plurality of captured images to provide a reference image to identify the moving objects in a selected base image among the plurality of aligned images The method includes replacing the identified moving objects with a corresponding region from a intermediate image selected from the aligned images that provides a highest similarity measure with the background image. The method provides both automatic and interactive mode for moving object elimination. The method provides quick, user friendly approach with a natural-looking composed image. FIG. 2



No. of Pages : 50 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD OF OPERATING AN ELECTRIC FUEL FEED PUMP

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRAKASH George Anthony
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a method of operating an electric fuel feed pump. The method comprises detecting (101) at least one engine operating state, and gradually increasing (102) the voltage supplied to the electric fuel feed pump from a voltage value less than rated voltage to a rated voltage value of the electric fuel feed pump in dependence of the detected engine operating state. The engine operating state is chosen from a combination comprising, engine pressure, engine speed, engine temperature and load on the engine. The engine operating state is detected by means of a sensor. Reference figure: Figure 1

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

(19) INDIA

(22) Date of filing of Application :06/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : MULTIPLE LAYER EDGEBANDING		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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:B32B7/12,B32B21/04,B32B21/06 :10 2011 085 996.9 :09/11/2011 :Germany :PCT/EP2012/071676 :02/11/2012 :WO 2013/068298 :NA :NA :NA	 (71)Name of Applicant : HENKEL AG & CO. KGAA Address of Applicant :Henkelstr. 67 40589 D¹/₄sseldorf Germany (72)Name of Inventor : MORGENEYER Thomas PIELERT Lutz LOTZ J¹/₄rgen

(57) Abstract :

Composite of shaped bodies made from wooden materials with film shaped substrates wherein a surface of the shaped body has a first layer comprising a crosslinked radiation curing hot melt adhesive said layer is covered with a second adhesive layer of a hot melt adhesive and said second adhesive layer is adhesively bonded to a film shaped substrate. A method for producing composite shaped bodies of this type is provided in which method as one step the surface is coated with a UV crosslinkable hot melt adhesive and which method makes in line production of the composite bodies possible.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 08/01/2016

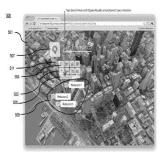
(54) Title of the invention : METHOD AND APPARATUS FOR PRESENTING SEARCH RESULTS IN AN ACTIVE USER INTERFACE ELEMENT

 (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 Filing Date 	:G01C21/36,G06F3/0482,G06F17/30 :13/274126 :14/10/2011 :U.S.A. :PCT/FI2012/050916 :25/09/2012 :WO 2013/053985 :NA :NA :NA	 (71)Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FI 02150 Espoo Finland (72)Name of Inventor : 1)RINCOVER Aaron 2)DOBROWOLSKI Tomasz 3)GIAMMARCHI Andrea
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(57) Abstract :

An approach is provided for presenting search results in an active user interface element at specific location in a user interface (501) that correspond to the desired information with respect to user interface search element (504). An element of a user interface receiving a search parameter (504; 505) enables processing of the search parameter to yield location information of the desired information. The location or locations of the desired information are then presented to a user on the user interface (509).

FIG. 5



No. of Pages : 49 No. of Claims : 48

(19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : ACTIVATION OF PARAMETER SETS FOR MULTIVIEW VIDEO CODING (MVC) COMPATIBLE THREE DIMENSIONAL VIDEO CODING (3DVC)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:30/11/2012 :WO 2013/082517 :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)CHEN Ying 2)WANG Ye Kui
Filing Date	:NA	

(57) Abstract :

In general techniques are described for separately coding depth and texture components of video data. A video coding device for coding video data that includes a view component comprised of a depth component and a texture component may perform the techniques. The video coding device may comprise as one example a processor configured to activate a parameter set as a texture parameter set for the texture component of the view component and code the texture component of the view component based on the activated texture parameter set.

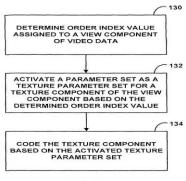


FIG. 6

No. of Pages : 115 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :04/01/2013

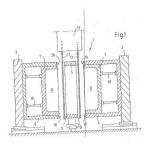
(43) Publication Date : 08/01/2016

(54) Title of the invention : BLOW MOLDING TOOL AND METHOD FOR PRODUCING EXTRUSION BLOW MOLDED PLASTIC 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 	PCT/EP2011/003080 :22/06/2011	 (71)Name of Applicant : 1)KAUTEX TEXTRON GMBH & CO. KG Address of Applicant :Kautexstr. 52 53229 Bonn Germany (72)Name of Inventor : 1)BIENHLS Deniz 2)BORCHERT Matthias 3)BUCHHOLZ Thomas 4)ELSASSER Carsten 5)FREY Steffen
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	6)HILD Jochen 7)MEHREN Christoph 8)SCHMITZ Marcus

(57) Abstract :

The invention relates to a blow molding tool (1) for producing a plastic article especially a fuel reservoir comprising at least one closing frame (2) having mold platens (3) and at least two blow mold halves that are designed to be displaced towards each other and away from each other by way of an opening and closing motion of the closing frame (2) and that define at least one cavity (8) for shaping the plastic article. The blow molding tool (1) is characterized in that the mold platens (3) have at least one tool holder (6) in which at least one mold insert (7) is replaceably inserted and in that the tool holders (6) define a peripheral sealing edge (10).



No. of Pages : 32 No. of Claims : 12

(21) Application No.2302/CHE/2014 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN ARTICLE HOLDER FOR A VEHICLE

(51) International classification	:B60N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NISSAN MOTOR CO., LTD.
(32) Priority Date	:NA	Address of Applicant :2, Takara-cho, Kanagawa-ku,
(33) Name of priority country	:NA	Yokohama-shi, Kanagawa, 2210023, Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRINIVASAN, Krishnan
(87) International Publication No	: NA	2)GOPINATH, Prakash
(61) Patent of Addition to Application Number	:NA	3)UKEY, Rajeev
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to an article holder (202) for holding an article (402, 406) in a vehicle, where the article holder (202). In one implementation, the article holder (202) includes a housing (210), where the housing (210) includes a base (302) for supporting an article (402, 406). Further, the article holder (202) also includes a retainer (212) mounted on the housing (210), where the retainer (212) moves away from the housing (210) for receiving the article (402, 406), and where the retainer (212) moves in a direction towards the housing (210) for holding the article (402, 406).

No. of Pages : 29 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : GAS DETECTOR AND METHOD OF DETECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01N21/00 :NA :NA :NA :NA	 (71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor : 1)MITRA, CHAYAN
Filing Date	:NA	2)JOSHI, NARENDRA DIGAMBER
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	3)TILAK, VINAYAK ASMITH, CORDON RAYMOND
Filing Date	:NA	4)SMITH, GORDON RAYMOND 5)FUNG, ERIC YUHANG
(62) Divisional to Application Number	:NA	6)MAITY, SANDIP
Filing Date	:NA	7)SHARMA, RACHIT 8)HANDELSMAN, STEVEN KEITH

(57) Abstract :

A gas detector and method are presented. The gas detector includes a launcher unit for coupling and merging light beams in midinfrared and infrared wavelength ranges into a single light beam and directing the merged single light beam towards a gas flow path; a receiver unit for generating at least one photo detector current signal based on the light beam transmitted through the gas flow path; and a control unit for processing at least one photo detector current signal to measure concentration of the at least two gases present in the gas flow path. Fig. 1

No. of Pages : 30 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR MANUFACTURING REDUCED IRON/SLAG MIXTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C21B13/10,C22B1/244 :2011253124 :18/11/2011 :Japan :PCT/JP2012/079131 :09/11/2012 :WO 2013/073471 :NA :NA :NA :NA	 (71)Name of Applicant : 1)KABUSHIKI KAISHA KOBE SEIKO SHO Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan (72)Name of Inventor : 1)HINO Mitsutaka 2)SUGIYAMA Takeshi 3)TANAKA Hidetoshi 4)KOBAYASHI Isao 5)URAGAMI Akira 6)NEGAMI Takuya
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(57) Abstract :

Concerning reduced iron and slag which are obtained in such a semi molten state that each of the agglomerates is not completely molten a technique for improving the separability between reduced iron and slag is provided. A process for manufacturing a reduced iron/slag mixture successively including: a step of agglomerating a raw material mixture which comprises an iron oxide containing substance and a carbon material and further contains a melting point regulator; and a step of heating the obtained agglomerates so as to melt each of the agglomerates partially and thus reducing the iron oxide contained in the agglomerates.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : COMBINATION OF A PHOSPHOINOSITIDE 3 KINASE INHIBITOR AND A MODULATOR OF THE JANUS KINASE 2 SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 5 PATHWAY

(57) Abstract :

The invention relates to a pharmaceutical combination which comprises (a) a phosphoinositide 3 kinase inhibitor compound and (b) a compound which modulates the JAK2 STAT5 pathway for the treatment of a proliferative disease especially a solid tumor disease; a pharmaceutical composition comprising such a combination; the use of such a combination for the preparation of a medicament for the treatment of a proliferative disease; a commercial package or product comprising such a combination as a combined preparation for simultaneous separate or sequential use; and to a method of treatment of a warm blooded animal especially a human.

No. of Pages : 71 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :09/05/2014

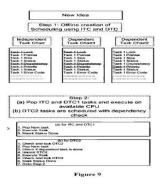
(43) Publication Date : 08/01/2016

(54) Title of the invention : A SYSTEM AND METHOD THEREOF TO OPTIMIZE BOOT TIME OF COMPUTERS HAVING MULTIPLE CPU™S

(51) International classification:G06F9/(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(63) Date:NA(64) Patent of Application Number:NA(65) Divisional to Application Number:NAFiling Date:NAState:NAFiling Date:NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES INDIA PVT. LTD. Address of Applicant :No. 23, Level 3 & 4, Leela Galleria, Airport Road, Bangalore 560 017, India Karnataka India (72)Name of Inventor : 1)DIVAKARAN, Nair Sanil Kumar 2)SHAHI, Aman 3)DAS, Shayori
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(57) Abstract :

Disclosed is method and system for optimizing a boot time of a computer system with at least one CPU, in response to a boot command. The system comprises of a memory and a processor. The processor executes a set of instructions stored in the memory to access a task description chart (TDC) comprising a set of essential tasks related to the booting of the system. The TDC is processed offline to create two sets of scheduling charts Viz., Independent Task Chart (ITC) and Dependent Task chart (DTC). The ITC includes all the independent tasks and the DTC includes all the dependent tasks. The DTC is further divided into DTC1 and DTC2. The tasks from all the charts are selected for execution based on the priority. The proposed method and system solves the scheduling overhead problem of the system during the boot process, by optimizing the scheduling process. (To be published with figure 9)



No. of Pages : 58 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR IMPROVED SUGAR CANE PROCUREMENT

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Shree Renuka Sugars Limited
(32) Priority Date	:NA	Address of Applicant :BC 105, Havelock Road, Camp,
(33) Name of priority country	:NA	Belgaum-590001, Karnataka, India Karnataka India
(86) International Application No	:NA	2)Sandeep Hirenarti
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Sandeep Hirenarti
(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 improving the recovery of sugar from sugarcane plantations, comprising the steps of 5 capturing values of one or more predefined parameters at one or more sugarcane plantations using a one or more capturing devices, uploading the captured data to a central server, and providing reports based on the data captured above to enable making a decision of the optimum time of harvesting the plantation wherein data is procured at real time at each of the aforementioned steps and wherein data can be viewed and harvesting orders can be given remotely from any location. 10

No. of Pages : 49 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : DETECTION ISOLATION AND ANALYSIS OF RARE CELLS IN BIOLOGICAL FLUIDS :C12Q1/68,G01N33/68 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KELLBENX INC. :13/295532 (32) Priority Date Address of Applicant :3500 Sunrise Highway Bdg 200 Suite :14/11/2011 (33) Name of priority country 111 Great River NY 117739 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/064824 (72)Name of Inventor: Filing Date :13/11/2012 1)KHOSRAVI Javad (87) International Publication No :WO 2013/074520 2)KELLNER Leonard H. (61) Patent of Addition to Application **3)BENNANI Hassan** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention provides a method for isolating or enriching a rare cell from a biological fluid of a mammal employing an antibody that binds a cell surface antigen of the rare cell. The immobilized antibody is incubated with a sample of biological fluid that includes the rare cells and a plurality of other cells so as to form an antibody rare cell complex. The complex can be detected or isolated and subsequently analyzed by any of a variety of physical chemical and genetic techniques.

No. of Pages : 58 No. of Claims : 25

(19) INDIA

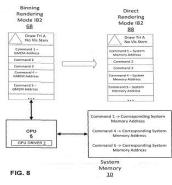
(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : SWITCHING BETWEEN DIRECT RENDERING AND BINNING IN GRAPHICS 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 	:G06T15/00 :61/565397 :30/11/2011 :U.S.A. :PCT/US2012/063949 :07/11/2012 :WO 2013/081789 :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)SEETHARAMAIAH Avinash 2)FRASCATI Christopher Paul 3)BALCI Murat 	

(57) Abstract :

This disclosure presents techniques and structures for determining a rendering mode (e.g. a binning rendering mode and a direct rendering mode) as well as techniques and structures for switching between such rendering modes. Rendering mode may be determined by analyzing rendering characteristics. Rendering mode may also be determined by tracking overdraw in a bin. The rendering mode may be switched from a binning rendering mode to a direct rendering mode by patching commands that use graphics memory addresses to use system memory addresses. Patching may be handled by a CPU or by a second write command buffer executable by a GPU.



No. of Pages : 55 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : MULTIPLE CONFIGURATION OF BICYCLE REAR SUSPENSION

(51) International classification	·B62K25/00	(71)Name of Applicant :
(31) Priority Document No	:D02R25/00	1)MR. VIPAL JAIN
(32) Priority Date	:NA	Address of Applicant :ROOM NO. 721, BOYS HOSTEL,
(33) Name of priority country	:NA	VELLORE INDIAN INSTITUTE OF TECHNOLOGY,
(86) International Application No	:NA	CHENNAI CAMPUS, CHENNAI - 600 127 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. M. SOUMYA SRIDAS
(61) Patent of Addition to Application Number	:NA	2)MR. VIPAL JAIN
Filing Date	:NA	3)MR. SACHIN KISHORE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the easy control of the rear suspension configuration by using a quick release mechanism. The quick release mechanism is used to secure the front attachment point of the seat stay at the designed hinge points with ease of operation of the removal process. With the seat stay being fixed at the designed L joint connection, the bicycle becomes a full suspension bike with an active rear suspension and when fixed to the fixed hinge point of the front frame, it becomes a hard-tailed bike. Hence the configuration can be chosen by the rider to enhance his performance.

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

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : SECURING AND MANAGING OF GIFT CARDS VIA MOBILE PHONE NUMBER (51) International classification :G060 (71) Name of Applicant :

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Chintan Sharrma
(32) Priority Date	:NA	Address of Applicant :421 2nd Floor 14thA Main 1st Block
(33) Name of priority country	:NA	3rd Stage Basaveshwaranagar, Bangalore Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Chintan Sharrma
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is the method to secure and manage gift cards using mobile phone number, wherein gift card is linked with the mobile phone number of the buyer and the recipient, to redeem recipient (102) send a request to the server (205), server (205) does the validation of the request and send a response to the mobile device (104) associated with the linked mobile phone number of the recipient (102), upon successful validation recipient (102) redeem gift card within specified time period at point of sale (207) by providing required information. Reference figure: FIG. 1.

No. of Pages : 14 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : PRE-HYDROGEL COM	POSITION	
 (54) Title of the invention : PRE-HYDROGEL COM (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427, USA. U.S.A. (72)Name of Inventor : 1)Rajesh Kumar Bhagat
Filing Date	:NA	

(57) Abstract :

The present invention provides a pre-hydrogel composition that when coated and cured on the substrate, imparts high absorption, excellent mechanical properties and non-adherence property to the coated substrate. The pre-hydrogel composition of the present invention comprises linear hydrophilic polymers a plasticizer and optionally a crosslinking agent that are activated with a initiator characterized in that the coated pre-hydrogel composition is cured as hydrogel system after being coated on the substrate. In an aspect, the present invention provides a method of preparing and coating the pre-hydrogel composition.

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

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR AN EFFICIENT CLIENT-SIDE LOAD BALANCING IN A CLOUD COMPUTING ENVIRONMENT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F17/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)M. S. Ramaiah School of Advanced Studies, Bangalore Address of Applicant :#470-P, Peenya Industrial Area, Peenya 4th Phase, Bengaluru, Karnataka, India 560 058. Karnataka India (72)Name of Inventor : 1)Mumshad Mannambeth 2)Rinki Sharma 3)N D Gangadhar
	:NA :NA	

(57) Abstract :

According to an aspect of the present disclosure, a system comprises, a host configured to generate an anchor page comprising an active script for determining load on one or more web servers, a client machine configured to execute the active scripts when the anchor page is loaded on the client machine and a client browser on the client machine configured to establish connection with a web browser having a least load. The active script is configured to retrieve the load information from a load file in the web servers, the load information comprises one or more of CPU load utilization, memory utilization, disk utilization. The client browser requests are directed to the web browser by the active script running on the client machine, the active script is further configured to check if the load is related to one of implicit I/O (input output), explicit I/O and CPU based load and determine the webserver based on these loads.

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

(19) INDIA

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

(54) Title of the invention : SELF CALLING DOOR		
(51) International classification	:G08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HOYSALA B. M .
(32) Priority Date	:NA	Address of Applicant :555, Shnathilal Layout, Seegehalli
(33) Name of priority country	:NA	Gate, Magadi Main Road, Seegehalli, Kodegehalli post,
(86) International Application No	:NA	Bangalore-560 091 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)HOYSALA B. M .
(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 the GSM or CDMA Based wireless security system. Since it has advanced features than the security systems it is named as SELF CALLIONG DOOR, this detective system gives immediate information to your mobile phone or land line phones if anybody enters into your premises, rooms, shops, car or vehicles, etc without your knowledge. This gives you the information of door opening where you installed this detective system. This .system will help to catch the thieves in your premises or shops and you can call the police or neighbors or friends immediately. You can adopt this device to cars through this you get a information that the vehicle is stolen and through this device you can track the vehicle. To make this invention as a security system, I introduced the protection system during travelling in train, buses, cars, etc...

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

(19) INDIA

(22) Date of filing of Application :14/05/2014

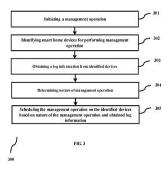
(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD FOR SCHEDULING MANAGEMENT OPERATION ON DEVICES IN A HOME 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 	:H04W72/00 :NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)Samsung R&D Institute India - Bangalore Pvt Ltd Address of Applicant :# 2870,Orion Building, Bagmane Constellation Business Park,Outer Ring Road, Doddanekundi Circle, Marathahalli Post, Bangalore -560037 Karnataka India (72)Name of Inventor : 1)Chethan Konanakere Puttanna 2)Bharat Kumar Prathipati

(57) Abstract :

A method for scheduling a management operation on devices in a home network is provided. The method includes initiating the management operation by a management server on the devices in the home network, where the management server identifies the devices in the home network for performing the management operation. The management server obtains the network log information. Further, management server determines nature of the management operation on the devices. If the nature of the management operation is critical, then the management server determines the application which is less prioritized for the device(s) in the home network. The management server sends a request to the device(s) in the home network to pause the application(s) for an estimated hold time and sends management request to the device(s). When the nature of the management operation is normal, then the management server calculates the ReqRplyStartTime • and ReqRplyEndTime • time for each management request. FIG. 3



No. of Pages : 46 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : EYE FUNDUS CAMERA	
(51) International classification:A61B3/(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 : Robert Bosch Engineering and Business Solutions Limited Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka India Robert Bosch GmbH (72)Name of Inventor : RAJAMANI Kumar Thirunellai GOVINDAN Pavan BEESETTY Ramakanteswararao HULIKAL Nagendra TRIPATHI Pranava

(57) Abstract :

A fundus camera 100 is disclosed. The fundus camera 100 comprises an image capturing means 101 to capture an image of an eye of a subject; a medial canthus detection means 102 to detect a location of a medial canthus in the captured image of the eye of the subject; and a determination means 103 to determine whether the captured image corresponds to a left eye of the subject or a right eye of the subject based on the location of the medial canthus in the captured image of the eye. Reference figure: Figure 1

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

(19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : MOBILE CONTINUOUS AMBULATORY PERITONEAL DIALYSIS SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61M1/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)Gowrishankar.W Address of Applicant :23, Srinivasa Perumal Sannidhi 2nd Street, Royapeth, Chennai 600014 Tamilnadu, India Tamil Nadu India (72)Name of Inventor :
(87) International Publication No	: NA	1)Gowrishankar.W
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a mobile continuous ambulatory peritoneal dialysis (mCAPD) system, which enables the patients to carry out the dialysis on the move, at any place, outside their hospitals and homes. The patient has to connect the mCAPD in the form of a wearable belt, connect the tube coming from their bodies to an indicated point in the system and carry out their dialysis task at any place of their convenience. They need to carry the dialysate fluid bags separately as prescribed by the doctors, and connect the fluid bags and drain bags at prescribed intervals, as prompted by audio beeps of the system.

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

(19) INDIA

(22) Date of filing of Application :13/02/2013

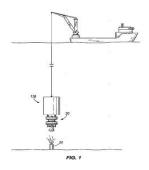
(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:E21B34/04 :61/364569 :15/07/2010 :U.S.A. :PCT/US2011/044050 :14/07/2011	 (71)Name of Applicant : 1)Deep Sea Innovations LLC Address of Applicant :25120 S. Doolittle Drive Monee IL 60449 U.S.A. (72)Name of Inventor : 1)BOTICH Leon A.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2012/009561 :NA :NA :NA	
Filing Date	:NA	

(54) Title of the invention : APPARATUSES AND METHODS FOR CLOSING AND REOPENING A PIPE

(57) Abstract :

An apparatus adapted to operate within an underwater environment includes a housing at least partially positioned in the underwater environment and defines a chamber. The chamber is sealed from the underwater environment wherein a pressure within the chamber is less than a pressure of the underwater environment imposed on the housing. Also included is a member at least partially positioned and moveable within the housing. The housing defines an opening in the housing the opening is in fluid communication with the chamber and with the underwater environment. Also included is a valve in fluid communication with the opening and positioned between the chamber and the underwater environment the valve is moveable into an open position to allow water from the underwater environment to enter the chamber through the opening and to exert a force onto the member to move the member.



No. of Pages : 70 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :10/01/2013

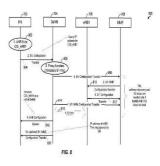
(43) Publication Date : 08/01/2016

(54) Title of the invention : AUTOMATIC NEIGHBOR RELATION (ANR) FUNCTIONS FOR RELAY NODES HOME BASE STATIONS AND RELATED ENTITIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W24/02 :61/357472 :22/06/2010 :U.S.A. :PCT/US2011/041505 :22/06/2011 :WO 2011/163403 :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)PRAKASH Rajat 2)SONG Osok 3)HORN Gavin Bernard
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(57) Abstract :

Certain aspects of the present disclosure provide methods and apparatus for implementing Automatic Neighbor Relation (ANR) functions for relay nodes (RNs) home base stations (e.g. home evolved Node Bs (HeNBs) and related entities (e.g. donor evolved Node Bs (DeNBs) and HeNB gateways). X2 is designed to be an end to end protocol between two evolved Node Bs (eNBs). However for the case of RNs or HeNBs this protocol may involve a proxy function (e.g. where the DeNB acts a proxy for the RN). This creates several issues such as how to manage a potentially very large set of cells under a gateway and how to route S1 messages used for X2 endpoint discovery. Therefore certain aspects of the present disclosure generally relate to methods and apparatus for maintaining the X2 connections intelligently and hiding the large number of nodes from the X2 endpoints based on various triggers.



No. of Pages : 56 No. of Claims : 84

(19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : SEQUENCE LEVEL INFORMATION FOR MULTIVIEW VIDEO CODING (MVC) COMPATIBLE THREE DIMENSIONAL VIDEO CODING (3DVC)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:30/11/2012 :WO 2013/082431 :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)CHEN Ying 2)WANG Ye Kui
Filing Date	:NA	

(57) Abstract :

In general techniques are described for separately coding depth and texture components of video data. A video coding device for processing the video data comprising one or more processors may perform the techniques. The one or more processors may be configured to determine first sequence level information describing characteristics of the depth components and determine second sequence level information describing characteristics of an operation point of the video data.

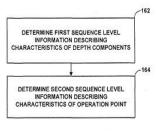


FIG. 9

No. of Pages : 115 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHANOLIC EXTRACT AND DIFFERENT FRACTIONS OF MUNTINGIA CALABURA FOR DIABETES MELLITUS IN DIABETIC RATS

(51) International classification:A61(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	Address of Applicant :ETHNOPHARMACOLOGY LAB, UNIVERSITY COLLEGE OF PHARMACEUTICAL SCIENCES, KAKATIYA UNIVERSITY, WARANGAL - 506 009 Andhra Pradesh India 2)DR. KRISHNA MOHAN GOTTUMUKKALA (72)Name of Inventor :
Filing Date :NA (62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention relates to novel extract for controlling hyperglycaemia and hyperlipidaemia and use for management of diabetes. Aim of the study: To determine the effectiveness of Muntingia calabura (MC) extract as an antidiabetic agent in vitro and in vivo. Preparation of Extract: Methanolic extract and fractions of Muntingia calabura. Method: Hypoglycemic effect in normal and antihyperglycemic activity in diabetic rats, rat hemi-diaphragm, cell line(3T3-Ll cells and RIN cells) Results: The extract increased glucose uptake in 3T3-L1 cells, they have potential antihyperglycaemic , antihyperlipidaemic effects, No toxic effect was observed after 28 days treatment as evident from normal liver, In invitro study, Ethyl acetate fraction of MC (EAFMC) exhibited a concentration dependent free radical scavenging activity. In sub acute study in streptozotocin induced diabetic rats, EAFMC showed antioxidant activity by significantly decreasing the level of lipidperoxidative marker, malondialdehyde (MDA), a protective action against cell damage required in diabetes therapy. Conclusions: Muntingia calabura extract has effects that enhance glucose uptake and provide the basis for antidiabetic activity of the extract.

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

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND ARRANGEMENT RELATING TO ATENNNA MAST OF 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 Filing Date 	:H01Q1/12 :NA :NA :NA :PCT/SE2011/051388 :18/11/2011 :WO 2013/074008 :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)GUPTA Arvind Kumar
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(57) Abstract :

An antenna mast (2) for supporting at least one antenna of a wireless communication system is provided. The antenna mast (2) comprises a base section (4) with a bottom end (10) and a upper end (12) and a first elongated section (6). The base section (4) has a wider first cross section at the bottom end (10) than a second cross section at the upper end (12). The base section (4) comprises a substantially horizontal top end (14). The base section (4) comprises an outer shell assembled from sheet metal steel plates. The first elongated section (6) comprises an outer shell assembled from sheet metal steel plates. The first elongated section (6) is attached to the top end (14) of the base section (4) with an open inner connection between the base section (4) and the first elongated section (6). There is further provided a method of producing an antenna mast (2) for a wireless communication system. Elected for publication: Fig.



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

(19) INDIA

(22) Date of filing of Application :13/05/2014

(54) Title of the invention : PRESSURE SENSITIVE ADHESIVE COMPOSITION

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09J133/06,C09J133/08 :61/561459 :18/11/2011 :U.S.A. :PCT/US2012/064640 :12/11/2012 :WO 2013/074446 :NA :NA :NA	 (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)CHEN Zhong 2)ANDERSON Kelly S. 3)MA Jingjing 4)REXEISEN Emilie L.
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(57) Abstract :

ggDisclosed is an adhesive composition comprising a low T(meth)acrylate copolymer component a high T (meth)acrylate copolymer component and a hydrogenated hydrocarbon tackifier. This disclosure provides a pressure sensitive adhesive and pressure sensitive adhesive articles that are particularly useful in the bonding of low surface energy (LSE) substrates.

No. of Pages : 34 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :14/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : DEVELOPMENT OF A BIODEGRADABLE AND BIO MIMETIC HYBRID SCAFFOLD USING SYNTHETIC PLGC TERPOLYMER AND BIOPOLYMER FOR TISSUE ENGINEERING

(51) International classification	:A61L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL
(32) Priority Date	:NA	SCIENCES AND TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :Indian Institute Of Biomedical
(86) International Application No	:NA	Technology Wing, Poojappura, Thiruvananthapuram 695 012,
Filing Date	:NA	India Kerala India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Kalliyanakrishnan Venkateswaran
Filing Date	:NA	2)Lissy Kalliyanakrishnan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a biodegradable scaffold for tissue engineering comprising porous mats with bio-mimetic fibrin-based composite deposited thereon.

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

(22) Date of filing of Application :07/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : AYUSHMAN HERBAL DROPS TO PREVENT HEART ATTACK, PARALYTIC STROKE&OVERCOME STRESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K36/00 :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)GIRIVAS VISWANATH SHET Address of Applicant :MYSORE SANDAL PRODUCTS, 6/1872, SASTHA NAGAR, AANAVATHIL, MATTANCHERRY, COCHIN - 682 002 Kerala India (72)Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	1)GIRIVAS VISWANATH SHET

(57) Abstract :

1) The method in the preparations in Gingili oil or olive oil or Light Liquid Parafin or caster oil.

No. of Pages : 6 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :07/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR OPTIONAL PIR BASED TRUSTED ADDRESS RESOLUTION FOR DNS

(51) International classification	:H04L29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Siddaganga Institute of Technology An Institution of Sree
(32) Priority Date	:NA	Siddaganga Education Society
(33) Name of priority country	:NA	Address of Applicant : B.H Road, Tumkur - 572 103,
(86) International Application No	:NA	Karnataka, India. Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)N R Sunitha
(61) Patent of Addition to Application Number	:NA	2)Radhakrishna Bhat
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT According to the aspect of the present disclosure, the IP address is resolved more accurately to the user. The proxy is implemented in which a DNS re-cursive resolver is connected. The proxy further communicates with the user to supply the reply. The PIR (private information retrieval) is applied between the user and the proxy to successfully overcome the fake DNS reply in a LAN environment. Using this PIR, the user secrecy is achieved even at the proxy which cannot be achieved by normal encryption. According to the another aspect of the present disclosure, to prevent unlimited Internet surf in the client, the DNS resolution through proxy, based on the user AccessLevel is enhanced. The Group of users is given the AccessLevel. If the user is having highest AccessLevel then normal resolution takes place, for medium access level proxy verifies the Blocklist and continues. According to yet another aspect of the present disclosure, using trusted address, user selects the optional PIR based connectivity as an option to connect to the server to obtain the desired information.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :12/05/2014

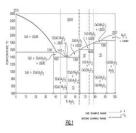
(43) Publication Date : 08/01/2016

(54) Title of the invention : MOLD COMPOSITIONS AND METHODS FOR CASTING TITANIUM AND TITANIUM **ALUMINIDE ALLOYS**

(51) International classification (31) Priority Document No	n:B22C1/06,C04B28/06,B22D21/00 :13/284312	(71)Name of Applicant : 1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:28/10/2011	Address of Applicant :1 River Road Schenectady NY 12345
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No Filing Date	:PCT/US2012/059842 :12/10/2012	(72)Name of Inventor : 1)BEWLAY Bernard Patrick
(87) International Publication No	:WO 2013/062787	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The disclosure relates generally to mold compositions and methods of molding and the articles so molded. More specifically the disclosure relates to mold compositions and methods for casting titanium containing articles and the titanium containing articles so molded.



No. of Pages : 51 No. of Claims : 29

(21) Application No.3569/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(51) International classification	:C02F1/463,C02F1/469	(71)Name of Applicant :
(31) Priority Document No	:201110375268.X	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:23/11/2011	Address of Applicant :1 River Road Schenectady NY 12345
(33) Name of priority country	:China	U.S.A.
(86) International Application No	:PCT/US2012/064350	(72)Name of Inventor :
Filing Date	:09/11/2012	1)XIA Zijun
(87) International Publication No	:WO 2013/078020	2)CAI Wei
(61) Patent of Addition to Application	:NA	3)XIONG Rihua
Number		4)ZHANG Chengqian
Filing Date	:NA	5)XIA Jiyang
(62) Divisional to Application Number	:NA	6)ZASKE Andrew Jon
Filing Date	:NA	

(54) Title of the invention : WATER TREATMENT DEVICE AND METHOD

(57) Abstract :

A water treatment device comprises: an electro coagulation (EC) unit (10) for treating a stream of feed water (11) to produce a stream of EC treated water (13) of lower salinity than the stream of feed water an electrical separation unit (12) for treating the stream of EC treated water (13) to obtain a stream of product water (15) of lower salinity than the EC treated water (13); and a precipitation unit (14) for providing a stream of wash water (17) to wash the electrical separation unit (12) and become a stream of reject water (19) flowing back to the precipitation unit (14) wherein precipitation in the precipitation unit produces the stream of wash water of lower salinity than the stream of reject water. An associated method is also provided.

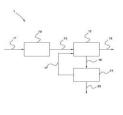


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.2264/CHE/2014 A
(22) Date of filing of Application :06/05/2014		(43) Publication Date : 08/01/2016
(54) Title of the invention : AN ATTACHMENT TO COMPACTING DRAFTED FIBRES	O TEXTILE RI	ING SPINNING MACHINES FOR CONDENSING AND
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:D01H5/00 :NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)JAGANATHAN VENKATASUBRAMANIAN Address of Applicant :2/36, SRI AMBAL NAGAR, VILANKURICHY, COIMBATORE 641 035 Tamil Nadu India (72)Name of Inventor : 1)JAGANATHAN VENKATASUBRAMANIAN

(57) Abstract :

Filing Date

Filing Date

ABSTRACT A pair of engaging rollers with the bottom roller as the driver and top roller as idler are arranged downstream to an existing first roller of the drafting of a spinning machine. An endless belt with a groove wide at the top and narrow at the bottom runs over the bottom roller extended by a stationary nose to bridge the gap between the existing and introduced bottom rollers. The top roller is concentrically fitted with a metal sleeve with an annular protrusion matching the groove of the belt and engages with the belt groove without gaps. This top roller is clamped to the existing front roller of the drafting by a clamp and a spring fastened to the top arm presses this roller to the belted roller. The drafted fibre emerging out of the existing roller in untwisted form is carried by the conveyor belt as a thin strand to the intersecting point of the grooved top roller and the belted bottom roller where top roller with an annular groove compacts the strand further before twisting.

:NA

:NA

:NA

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

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHANOLIC EXTRACT AND DIFFERENT FRACTIONS OF CIPADESSA BACCIFERA FOR DIABETES MELLITUS IN DIABETIC RATS

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. GOVERDHAN PUCHCHAKAYAL
(32) Priority Date	:NA	Address of Applicant :ETHNOPHARMACOLOGY LAB,
(33) Name of priority country	:NA	UNIVERSITY COLLEGE OF PHARMACEUTICAL
(86) International Application No	:NA	SCIENCES, KAKATIYA UNIVERSITY Andhra Pradesh India
Filing Date	:NA	2)DR. KRISHNA MOHAN GOTTUMUKKALA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. GOVERDHAN PUCHCHAKAYALA
Filing Date	:NA	2)DR. KRISHNA MOHAN GOTTUMUKKALA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT The present invention relates to novel extract for controlling hyperglycaemia and hyperlipidaemia and use for management of diabetes. Aim of the study: To determine the effectiveness of Cipadessa baccifera (CB) extract as an antidiabetic agent in vitro and in vivo. Preparation of Extract: Methanolic extract of CB and its fractions of Cipadessa baccifera. Method: Hypoglycemic effect in normal and antihyperglycemic activityin diabetic rats, cell line(3T3-Ll cells and RIN cells), Rat hemi diaphragm method. Results: The extract have no toxic effect was observed after acute toxicity study and 28 days treatment. In invitro study, Ethyl acetate Fraction of CB (EAFCB) exhibited a concentration dependent free radical scavenging activity. In sub acute study EAFCB showed significantly decreased the elevated levels of blood glucose, cholesterol and trygliserides, SGOT, SGPT and increased the diminished body weight, total protein, insulin in streptozotocin induced diabetic rats, which are desirable in diabetes therapy, in streptozotocin induced diabetic rats, antioxidant activity by significantly decreasing the level of lipidperoxidative marker, malondialdehyde (MDA), a protective action against cell damage required in diabetes therapy. Conclusions: Cipadessa baccifera extract has effects that enhance glucose uptake and provide the basis for antidiabetic activity of the extract.

No. of Pages : 22 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR AMORPHOUS TELAPREVIR

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA	 (71)Name of Applicant : 1)HETERO RESEARCH FOUNDATION Address of Applicant :HETERO DRUGS LIMITED, HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES, SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh India (72)Name of Inventor : 1)PARTHASARADHI REDDY, BANDI 2)RATHNAKAR REDDY, KURA 3)MURALIDHARA REDDY, DASARI 4)SUBASH CHANDER REDDY, KESIREDDY 5)VAMSI KRISHNA, BANDI
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(57) Abstract :

The present invention provides novel processes for the preparation of amoiphous telaprevir, amorphous solid dispersion of telaprevir and pharmaceutical compositions comprising thereof.

No. of Pages : 23 No. of Claims : 8

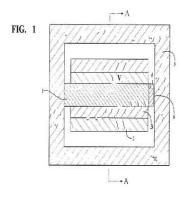
(22) Date of filing of Application :08/01/2013

(43) Publication Date : 08/01/2016

(54) Title of the invention : IGNITION CO	DIL WITH ENERGY ST	ORAGE AND TRANSFORMATION
 (54) Title of the invention : IGNITION CO (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01F38/12 :12/816035 :15/06/2010 :U.S.A.	(71)Name of Applicant : 1)FEDERAL MOGUL IGNITION COMPANY Address of Applicant :26555 Northwestern Highway Southfield MI 48033 U.S.A. (72)Name of Inventor : 1)DAL RE Massimo Augusto 2)FULCHINI Guiseppe 3)PIGNATTI Paolo
Filing Date	:NA	

(57) Abstract :

This invention is directed to a device for energy storage and transformation that allows an increased level of energy storable in an ignition coil using a coil that has a permanent magnet inside of a primary magnetic core with a second magnetic core that closes the magnetic path of the primary magnetic core.



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

(19) INDIA

(22) Date of filing of Application :06/05/2014

(54) Title of the invention : A METHOD FOR DISABLING ACTIVATION OF AN AUTO-STOP SYSTEM OF A VEHICLE

(51) International classification:F02D(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 of Addition Number:NA(62) Divisional to Application Number:NAFiling Date:NAState:NA<	 (71)Name of Applicant : 1)Robert Bosch Engineering and Business Solutions Limited Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka India 2)Bosch Limited 3)Robert Bosch GmbH (72)Name of Inventor : 1)PARMAR Manojkumar Somabhai 2)RAMACHANDRA Pradeep 3)REDDEMREDDY Pramod 4)SHETTY Ajay
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(57) Abstract :

The various embodiment of the present disclosure provides a method for disabling activation of an auto-stop system of a vehicle. The method comprises the steps of indicating to a driver a state of the vehicle satisfying criteria for activation of said auto-stop system, opening and closing a throttle of said vehicle by said driver in a predefined pattern, detecting a variation in the throttle signal, detecting a state of a power train of said vehicle, and disabling activation of said auto-stop system based on a combined status of said throttle signal variations and said state of power train. Reference figure: Figure 1

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

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR HOME MONITORING BIO-DEVICE AND WIRELESS INTERPRETATION FOR DIAGNOSIS

 (51) International classification (31) Priority Document No (32) 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)SELWYN DAMODARAN HEMAJOTHI Address of Applicant :PRATHYUSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, ARANVOYALKUPPAM, THIRUVALLUR, CHENNAI - 602 025 Tamil Nadu India (72)Name of Inventor : 1)SEL WYN DAMODARAN HEMA IOTHI
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	(72)Name of Inventor : 1)SELWYN DAMODARAN HEMAJOTHI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The main objective of the system is to implement a portable ECG recorder, for monitoring the ECG signals during emergency situations at home. Various Parameters like Temperature, Blood pressure, pulse rate can also be monitored whenever required. Heart related disease is among top ten causes of peoples death. People can lose life even if the heart is malfunction only for a short time. This helps us to identify the cardiovascular disease as early as possible and earlier treatment could be given by the Physician. There were several researches using wireless technology to monitor the ECG. They used special hand-held device. Recently smart phone is getting popular. Android is an open source operating system .Google as released Software Development Kit (SDK) to help programmers developing application program. In this project, we developed an APP which is running on the Android based smart phone. The smart phone is multipurpose embedded system. It is one of the personal belongings that we will bring with us most of the time. For the patient with heart disease, it can be used to monitor the heart condition. Sometimes the heart problem only occurs intermittently. When we go to hospital for examination, the symptom has disappeared. This symptom may be precursor of a more serious heart problem. If the symptom can be recognized in its early stage, the more serious heart problem may be avoided. However, the computing power and memory resources are limited in the handset. When the user thinks that the data needs to be reserved for further investigation, they can transfer the ECG data to the personal computer (PC).

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

(19) INDIA

(22) Date of filing of Application :09/05/2014

(54) Title of the invention : DESIGN OF AN ADAPTABLE MICROSTRIP FILTER IN S-BAND FREQUENCY.3

(57) Abstract :

Satellites play a vital role in the field of communication. Satellite receivers at microwave frequencies are being used for a large number of purposes. A satellite receiver without adequate filtering at its input is able to pick up signals at two different frequencies simultaneously; the desired frequency and the image frequency. Hence there is a need for the installation of the preselect filter at the RF stage before mixing. The aim of this project is to eliminate this image frequency and design a preselect filter in the RF (Radio Front) stage. At S-band microwave frequency (2 GHz to 4 GHz), the lumped components cannot be used due to distributed effects. Also, for the compactness of the filter, the distributed components are being used in microwave frequencies. Hence the coupled stage of microstrip filter with good frequency response is adopted in this paper. The filter design is carried out by using a simulation software namely, ADS (Advanced Design System). Only the coupled stages of a microstrip filter cannot reduce the aliasing effect, hence extra strict requests are made on the insert loss and standing wave ratio of the received signal in a satellite receiver. This filter is designed at the center frequency of 2.491 GHz. Only on optimization, the filter achieves minimum aliasing interference at the desired center frequency. This is done by the GOALs and OPTIM controller embedded with ADS.

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

(19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 08/01/2016

(51) International classification	:G06F9/30,G06F9/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SOFT MACHINES INC.
(32) Priority Date	:NA	Address of Applicant :3211 Scott Boulevard Suite 202 Santa
(33) Name of priority country	:NA	Clara CA 95054 U.S.A.
(86) International Application No	:PCT/US2011/061957	(72)Name of Inventor :
Filing Date	:22/11/2011	1)ABDALLAH Mohammad
(87) International Publication No	:WO 2013/077876	
(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 : A MICROPROCESSOR ACCELERATED CODE OPTIMIZER

(57) Abstract :

A method for accelerating code optimization a microprocessor. The method includes fetching an incoming microinstruction sequence using an instruction fetch component and transferring the fetched macroinstructions to a decoding component for decoding into microinstructions. Optimization processing is performed by reordering the microinstruction sequence into an optimized microinstruction sequence comprising a plurality of dependent code groups. The optimized microinstruction sequence is output to a microprocessor pipeline for execution. A copy of the optimized microinstruction sequence is stored into a sequence cache for subsequent use upon a subsequent hit optimized microinstruction sequence.

No. of Pages : 59 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN INTEGRATED S-BAND ANTENNA DIPLEXER FOR WIMAX FRONT-END MODULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W88/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant : 1)THULASIRAMAN JAYANANDAN Address of Applicant :PRATHYUSHA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, ARANYAYALKUPPAM, POONAMALLE-THIRUVALLUR ROAD, THIRUVALLUR DIST - 602 025 Tamil Nadu India 2)RAMACHANDRAN THANDAIAH PRABU 3)MUTHAIAH PILLAI PRIYA (72)Name of Inventor : 1)THULASIRAMAN JAYANANDAN 2)RAMACHANDRAN THANDAIAH PRABU 3)MUTHAIAH PILLAI PRIYA
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(57) Abstract :

This invention presents a systematic approach for the implementation of an S-Band Antenna Diplexer for frequency agile WiMAX front-end modules. The proposed structure consists of an electronically tuned Diplexer integrated with a Dual Band Rectangular Microstrip antenna (RMSA) operating in the lower WiMAX bands as per IEEE 802.16e specifications. The operating frequency of the proposed integrated structure ranges from 2.3 to 2.5 GHz and 2.6 to 2.8 GHz in transmit and receive channels respectively. The integrated structure is realized using the Advance Design Systems (ADS) electronic automation software and the results are analyzed. The final integrated structure gives the return loss of 10.80 dB and an insertion loss of 16.57 dB and 23.69 dB, in the transmit and receive channels respectively. The proposed Antenna Diplexer has dimensions of 60mm 3 lmm suitable enough for future WiMAX transceiver modules.

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

(22) Date of filing of Application :14/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : BALANCED MINERAL FEED COMPOSITION TO ENHANCE THE REPRODUCTIVE EFFICIENCY AND PRODUCTIVITY OF DAIRY ANIMALS

vara Veterinary University blicant :Administrative office, Dr. Y.S.R. andhra Pradesh India ntor : yina Nagalakshmi Venkata Ramana pally Narasimha Reddy Rama Prasad
Rama Prasad

(57) Abstract :

A cost effective, balanced mineral feed composition to increase the production, fertility, reproduction and health of dairy animals, the mineral feed composition comprising of calcium about 16.6 to 20%, phosphorous about 9.9 to 10%, copper about 0.25 to 0.27%, zinc about 0.44 to 1.25%, manganese about 00 to 1.25%, and common salt as base, the feeding of which to the dairy animals results, in the reduction in post partum estrous by about 2 to 8.27 days and service period by about 14 to 31 days, and an increase in milk yield and milk fat of the dairy milk by approximately about 7.7 to 28% and 10.6 to 13.1%, respectively. The present invention also provides the cost effective, balanced mineral feed composition as claimed for the different agro climatic regions of the State of Andhra Pradesh.

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

(19) INDIA

(22) Date of filing of Application :13/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : ROOM DIVIDING LIGHTING DEVICE AND METHOD OF INSTALLING THE ROOM DIVIDING 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 	:61/558501 :11/11/2011 :U.S.A.	 (71)Name of Applicant : 1)KONINKLIJKE PHILIPS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor : 1)VISSENBERG Michel Cornelis Josephus Marie 2)SCHUTTE Christopher Paul 3)KLOMPENHOUWER Michiel Adriaanszoon
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(57) Abstract :

A room dividing lighting device 120 122 the use of the room dividing lighting device and a method of installing the room dividing lighting device are provided. The room dividing lighting device 120 122 comprises a light emitting means. The room dividing lighting device 120 122 is used for separating a subspace 104 from a space 102 to prevent a person 114 118 from coming close to or entering the subspace 104 in a privacy operational mode of the room dividing lighting device 120 122. The light emitting means emits light in an upward direction and is configured to emit in a privacy operational mode glary light in a light beam 108 for hindering the person 114 118 who enters the light beam 108 or crosses it with his eyes 112 116. The light emitting means comprises at least one light source and a light redirection means. The light redirection means receives light from the at least one light source and is configured to redirect at least in the privacy operational mode the received light in the light beam 108.

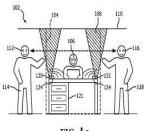


FIG. la

No. of Pages : 35 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :09/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : STAGED MULTI-USER GROUPING FOR MULTIPLE-INPUT, MULTIPLE-OUTPUT WIRELESS COMMUNICATIONS

(51) International classification:H04L1/00(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(63) Date:NA	 (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121-1714, United States of America, U.S.A. (72)Name of Inventor : 1)QINGHAI GAO 2)GUIDO FREDERICKS 3)JAMES CHO 4)BALAJI S.B.
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(57) Abstract :

ABSTRACT A method of performing MIMO wireless communication includes identifying a first wireless device that qualifies for inclusion in a multi-user (MU) group and identifying a set of one or more candidate wireless devices, distinct from the first wireless device, that qualify for inclusion in the MU group. The set includes a second wireless device. A determination is made that an estimated MU-mode net goodput for the first and second wireless devices is greater than an estimated average single-user-mode net goodput for the first and second wireless devices are included in the MU group based at least in part on the determination. A transmission is sent to the MU group. Net goodput corresponds to a number of bits that may be successfully transmitted divided by a sum of a time to transmit the number of bits and a time associated with network overhead.

No. of Pages : 42 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :06/05/2014

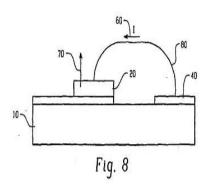
(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR WAVELENGTH SPECIFIC THERMAL IRRADIATION AND TREATMENT

(31) Priority Document No:11,(32) Priority Date:03,(33) Name of priority country:U.,(86) International Application No:PCFiling Date:05,(87) International Publication No: N.(61) Patent of Addition to Application:NANumber:NAFiling Date:NA(62) Divisional to Application Number:23,	5/12/2005 NA A	 (71)Name of Applicant : 1)PRESSCO TECHNOLOGY INC. Address of Applicant :of 29200 Aurora Road, Cleveland, Ohio 44139, USA U.S.A. (72)Name of Inventor : 1)COCHRAN, Don, W., 2)CECH, Steven, D., 3)MORGAN, Noel, E.,
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(57) Abstract :

Please see the attached file



No. of Pages : 70 No. of Claims : 68

(19) INDIA

(22) Date of filing of Application :07/05/2014

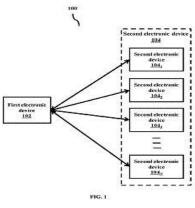
(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR DISPLAYING CONTENTON WEARABLE DEVICE CONNECTEDTO A MULTIPLE ELECTRONIC 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 	:NA :NA :NA	 (71)Name of Applicant : 1)Samsung R&D Institute India - Bangalore Pvt Ltd Address of Applicant :# 2870,Orion Building, Bagmane Constellation Business Park,Outer Ring Road, Doddanekundi Circle, Marathahalli Post, Bangalore -560037 Karnataka India (72)Name of Inventor : 1)Dipin Kollencheri Puthenveettil
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(57) Abstract :

Embodiments herein provide a method and apparatus for displaying content. The method includes dynamically displaying a display portion associated with one or more second electronic devices based on a predefined criterion by a first electronic device. Further, the method includes performing a first predefined operation on the display portion associated with the second electronic device in response to an input. Furthermore, remotely performing a second predefined operation on the second electronic device after performing the first predefined operation. FIG. 1



No. of Pages : 63 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION (19) INDIA		(21) Application No.2286/CHE/2014 A	
(22) Date of filing of Application :08/05/2014		(43) Publication Date : 08/01/2016	
(54) Title of the invention : REINFORCED SAND	AL	Γ	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A43B3/00 :NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)SWAMINATHAN VENKATRAMAN DAS Address of Applicant :TC 36/709(2), 'SRIVILAS', PERUNTHANNI, THIRUVANANTHAPURAM 695 008 Kerala India (72)Name of Inventor : 1)SWAMINATHAN VENKATRAMAN DAS 	
(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number Filing Date	:NA :NA :NA :NA		

(57) Abstract :

ABSTRACT Reinforced sandal strengthened with steel fibre woven members is disclosed herein. Said reinforcement member is provided between the top and bottom layers of the sole, between the fastened ends of the straps. The reinforcement member further extends contiguously along the inside portion of the straps and the toe hold of the sandal.

No. of Pages : 13 No. of Claims : 5

(19) INDIA

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : NANOGAP TRANSDUCERS WITH SELECTIVE SURFACE IMMOBILIZATION SITES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:G01N33/53,G01N27/26,B82Y15/00 :NA :NA :NA :PCT/US2011/067520 :28/12/2011	 (71)Name of Applicant : 1)INTEL CORPORATION Address of Applicant :2200 Mission College Boulevard M/S: RNB 4 150 Santa Clara California 95052 U.S.A. (72)Name of Inventor : 1)CREDO Grace M. 2)ELIBOL Oguz H. 3)TAYEBI Noureddine
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

Embodiments of the invention provide transducers capable of functioning as electronic sensors and redox cycling sensors. Transducers comprise two electrodes separated by a nanogap. Molecular binding regions proximate to and within the nanogap are provided. Methods of fabricating nanogap transducers and arrays of nanogap transducers are also provided. Arrays of individually addressable nanogap transducers can be disposed on integrated circuit chips and operably coupled to the integrated circuit chip.



No. of Pages : 48 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :12/05/2014

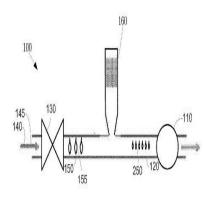
(43) Publication Date : 08/01/2016

(54) Title of the invention : WET GAS COMPRESSION SYSTEMS WITH A THERMOACOUSTIC RESONATOR

(51) International classification	:F04D31/00,B05B17/06	(71)Name of Applicant :
(31) Priority Document No	:13/295208	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:14/11/2011	Address of Applicant :1river Road Schenectady NY 12345
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/064490	(72)Name of Inventor :
Filing Date	:09/11/2012	1)VOGEL Christian
(87) International Publication No	:WO 2013/074421	2)MICHELASSI Vittorio
(61) Patent of Addition to Application	:NA	3)DE NAZELLE Rene
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application provides a wet gas compression system for a wet gas flow having a number of liquid droplets therein. The wet gas compression system may include a pipe a compressor in communication with the pipe and a thermoacoustic resonator in communication with the pipe so as to break up the liquid droplets in the wet gas flow.



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

(22) Date of filing of Application :08/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN ELECTRONIC SCANNER FOR NON INVASIVE DETECTION OF CONDITIONS

(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:NA	 B (71)Name of Applicant : 1)PARASAM SUBRAMANYAM BALAKRISHNA Address of Applicant :7-1-621, B5/F1. 3RD, OPP, PERCY'S SCHOOL, S.R. NAGAR, HYDERABAD 500 038 Andhra Pradesh India (72)Name of Inventor : 1)PARASAM SUBRAMANYAM BALAKRISHNA
Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract :

A Scanner Device and a non-invasive pulse diagnosis method to predict the occurrence of medical conditions like BP (Hypertension and Hypotension), Thyroid (Hyperthyroid or Hypothyroid), Diabetes, Depression and Heart attack (Myocardial Infarction) by measuring the pulse in various parts of the body is disclosed.

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

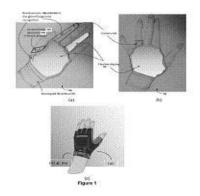
(19) INDIA

(22) Date of filing of Application :08/05/2014

(54) Title of the invention : A FLEXIBLE WEARABLE DISPLAY DEVICE (71)Name of Applicant : 1)SAMSUNG R&D INSTITUTE INDIA BANGALORE (51) International classification :A61B5/00 PRIVATE LIMITED (31) Priority Document No Address of Applicant :# 2870, ORION Building, Bagmane :NA (32) Priority Date Constellation Business Park, Outer Ring Road, Doddanakundi :NA (33) Name of priority country Circle, Marathahalli Post, Bangalore -560037, Karnat ka, India :NA (86) International Application No :NA Karnataka India Filing Date :NA (72)Name of Inventor: (87) International Publication No : NA 1)PATIL, Mayuresh Madhukar (61) Patent of Addition to Application Number :NA 2) RAYAVARAPU, Ratnakar Rao Venkata Filing Date 3)SATHISH, Sailesh Kumar :NA (62) Divisional to Application Number 4) JOSHI, Gurdeepak :NA Filing Date :NA 5)ARORA, Sahil 6)GUPTA, Himanshu 7)GUPTA, Gaurav

(57) Abstract :

A FLEXIBLE WEARABLE DEVICE The present invention describes a flexible wearable device comprises a flexible wearable element, a flexible wearable display unit coupled with the flexible wearable element, one or more sensing units coupled to the flexible wearable element for providing one or more signals, and a processing unit coupled with the flexible wearable display unit and the one or more sensing units for determining one or more pre-defined gestures on receiving one or more signals thereby performing one or more functions. The device comprises a health network controller module connected to one or more health sensors configured inside the body and outside the body of a patient for monitoring the patientTMs health. FIGURE 1



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

(19) INDIA

(22) Date of filing of Application :12/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR DETERMINING A POSITION OF A PRESSURE LIMITER VALVE

 (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)Bosch Limited Address of Applicant :Post Box No 3000, Hosur Road, Adugodi, Bangalore 560030, Karnataka, INDIA Karnataka India 2)Robert Bosch GmbH
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)NAYAK Srinivas Sujeer
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract :

A method for determining a position of a pressure limiter valve 52 is described. The method comprises coupling a rail pressure sensor 14 to an engine control unit 12, coupling an engine speed sensor to the engine control unit 12, receiving an electronic signal by the engine control unit 12 from the rail pressure sensor 14, and determining if the received electronic signal is an error signal by the engine control unit 12. The method further comprises receiving an engine speed signal by the engine control unit 12 from the engine speed signal is greater than a threshold engine speed signal by the engine control unit 12 during engine idling, and determining that the pressure limiter valve 52 is in a closed position if the engine speed signal is greater than the threshold engine speed signal during engine idling. Reference figure: Figure 1

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

(19) INDIA

(22) Date of filing of Application :06/05/2014

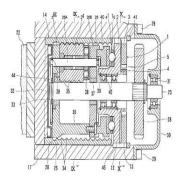
(43) Publication Date : 08/01/2016

(54) Title of the invention : MAGNETIC LOAD SENSOR FOR LINEAR ACTUATOR AND LINEAR 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 	:G01L5/00,F16C19/10,F16C19/52 :2011223704 :11/10/2011 :Japan :PCT/JP2012/075491 :02/10/2012 :WO 2013/054695	 (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)MASUDA Yui 2)YAMASAKI Tatsuya 3)MURAMATSU Makoto
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	

(57) Abstract :

Provided is a load sensor that is for a linear actuator is able to suppress the axial length of the linear actuator and whereby hysteresis error arises with difficulty when used integrated with a linear actuator. The magnetic load sensor for a linear actuator detects the magnitude of the axial load that the linear actuator is imposing on a subject (22) and has: a flange member (2) that receives the reaction force of the axial load via a thrust bearing (41) thus causing a bend to arise; a magnetic target (4) that generates a magnetic field; and a magnetic sensor (5) that is disposed in a manner so that the relative position with respect to the magnetic target (4) changes by means of the bending of the flange member (2). A groove (10) at which the rolling bodies (41B) of the thrust bearing (41) roll is formed at the end surface in the axial direction of the flange member (2).



No. of Pages : 47 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :09/05/2014

(54) Title of the invention : PRODUCTION OF POLY (GLYCEROL SEBACATE)BASED CONDOMS

·C08G	(71)Name of Applicant :
	1)HLL LIFECARE LIMITED
	Address of Applicant :HLL BHAVAN,
	MAHILAMANDIRAM ROAD, POOJAPPURA
	THIRUVANANTHAPURAM - 695 012 Kerala India
	(72)Name of Inventor :
	1)DR. LAKSHMINARAYANAN RAGUPATHY
	2)DR. ALAGANANDAM KUMARAN
	3)DR. VEMPARTHAN SUVEKBALA
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract :

The present invention relates to poly(glycerol sebacate) based condoms produced from glycerol, glycerol derivatives, sebacic acid, nanomaterials such as graphene oxide/reduced graphene oxide/clay/silica, 3-diamino-2-hydroxy propane/ bis hydroxy ethylene terephthalate/poly tetra methylene glycol/furan dicarboxylic acids and acrylates. The produced poly(glycerol sebacate) material has equivalent mechanical properties with the currently existing condom making polymers especially natural rubber latex. It has increased sensitivity and protection against STIs and unplanned pregnancy. The material is bio¬degradable and produced at cheaper cost.

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

(19) INDIA

(22) Date of filing of Application :13/05/2014

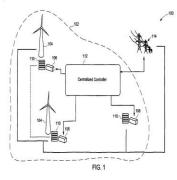
(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR HYBRID WIND POWER GENERATION

 (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)GENERAL ELECTRIC COMPANY Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor :
Filing Date	:NA :NA	1)DEB, DIPANKAR
(87) International Publication No	: NA	2)AMBEKAR, AKSHAY KRISHNAMURTY
(61) Patent of Addition to Application Number	:NA	3)SAGI, DEEPAK RAJ
Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for optimizing a hybrid wind system including a wind farm having a plurality of wind turbines and one or more energy storage units, is presented. The method includes acquiring actual wind power data associated with one or more dispatch windows. The method includes determining forecasted wind farm power estimates corresponding to the dispatch windows using a plurality of forecast schemes. The method includes computing difference values by comparing the forecasted wind farm power estimates to the actual wind power data. The method includes identifying a wind power forecast scheme based at least in part on the computed difference values and balancing a penalty to the grid with life consumption of the energy storage units while regulating the wind turbines and the energy storage units based at least in part on a subsequent forecasted wind farm power estimate generated using the identified wind power forecast scheme. IG. 1



No. of Pages : 32 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :13/05/2014

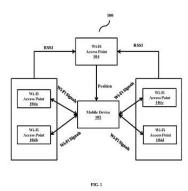
(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING A POSITION OF A MOBILE DEVICE BY AN ACCESS POINT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Eiling Date 	:NA :NA :NA :NA :NA : NA :NA	 (71)Name of Applicant : 1)Samsung R&D Institute India - Bangalore Pvt Ltd Address of Applicant :# 2870,Orion Building, Bagmane Constellation Business Park,Outer Ring Road, Doddanekundi Circle, Marathahalli Post, Bangalore Karnataka India (72)Name of Inventor : 1)Swarna Ravindra Babu 2)Arun Kumar Siddanahalli Ninge Gowda
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and system for determining a position of a mobile device in an indoor environment by an access point is provided. The method includes obtaining identity information of the mobile device. The method includes extracting signal characteristics of the mobile device corresponding to the identity information. Further, the method includes determining the position of the mobile device based on the signal characteristics of the mobile device. The position of the mobile device is determined based on the signal characteristics of the mobile device. The position of the mobile device is determined based on the signal characteristics of the mobile device. The position of the access points along with the information of the plurality of access points such as location information and identity information of the access points. The determined position is sent to the mobile device. The access point implements robust multipath mitigation algorithms while determining the position of the mobile device as there is no battery power limitation at the access point. FIG. 1



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

(19) INDIA

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A CONTROL SYSTEM FOR SELECTIVE CATALYTIC REDUCTION FOR GENSET AND METHOD THEREOF

(51) International classification:F01N3/00(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(63) Date:NA	 (71)Name of Applicant : 1)Robert Bosch Engineering and Business Solutions Limited Address of Applicant :123, Industrial Layout, Hosur Road, Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka India 2)Robert Bosch GmbH (72)Name of Inventor : 1)BANDARI Ravinder
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(57) Abstract :

The invention relates to a control system 100 for Selective Catalytic Reduction for Genset comprising a fuel pump 2 for supplying fuel to the Genset. A movable control member 3 is adapted to control fuel injection. A sensor 4 adapted to sense the position of the movable control member 3. A controller 6 adapted to receive input from the sensor 4 and calculate a duty cycle for a dosing module 10 and a driving means 7 to receive a signal from the controller 6 and drive the dosing module 10 with the calculated duty cycle. Reference figure: Figure 1

No. of Pages : 10 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 08/01/2016

(51) International classification	:F28D	(71)Name of Applicant :
(31) Priority Document No	:13168447.4	
(32) Priority Date	:20/05/2013	
(33) Name of priority country	:EPO	Milano, Italy Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BENEDETTI, Pierceleste
(87) International Publication No	: NA	2)CAGLIANI, Daniele
(61) Patent of Addition to Application Number	:NA	3)TAGLIABUE, Andrea
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : BUS BAR FOR ELECTRICAL POWER DISTRIBUTION

(57) Abstract :

A bus bar for electric power distribution, comprising a conducting body which longitudinally extends along a principal axis and which, seen in a transversal cross-section, has a first side and a second side transversally connected by a third side and a fourth side. The body has, on the first side, at least a first slot and a second separated slot which are adapted for coupling with fixing means, the first slot having a first bottom portion from which a first lateral wall and a second lateral wall protrude transversally facing to each other, and the second slot having a second bottom portion from which a third lateral wall and a fourth lateral wall protrude transversally facing to each other. Each of the first bottom portion and the second bottom portion comprises two substantially straight tracts which form an angle of less than 180° between them. The third lateral wall is adjacent to the second lateral wall along a transversal extension of the body with respect to the principal axis. The body has, on the second side, at least one cavity extending at least over a corresponding portion of the body which extends between the second and third lateral walls.

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

(19) INDIA

(22) Date of filing of Application :15/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD TO MONITOR SURFACE TEMPERATURE OF A PASSIVE DIRECT METHANOL FUEL CELL

 (32) Priority Date (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 Number (61) Patent of Addition to Application Number (62) Divisional to Application Number (32) Priority Date (33) Name of priority country (34) Name of Addition to Application Number (35) NA (36) International Publication Number (37) Name of Inventor : (38) Name of Inventor : (39) Name of Inventor : (30) Name of Inventor : (31) P. VASANTH (32) DR. AJIT KUMAR KOLAR 	OGY MADRAS AI - 600 036 Tamil
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(57) Abstract :

Apparatus and methods for performing measurements in a fuel cell system. The present invention is an experimental set up of a new cell fixture designed and fabricated with printed circuit board (PCB) that has openings at anode and cathode side of the cell. The opening in the cell fixture at cathode allows capturing thermal image involving IR thermal imaging technique. The set up can be adopted as a standard design procedure to determine the actual cell surface temperature of a passive DMFC.

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

(19) INDIA

(22) Date of filing of Application :07/05/2014

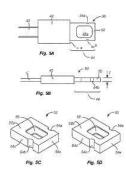
(43) Publication Date : 08/01/2016

(54) Title of the invention : DUAL ORIENTATION ELECTRONIC CONNECTOR WITH EXTERNAL 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 	:H01R13/648,H01R29/00,H01R43/24 :61/556692 :07/11/2011 :U.S.A. :PCT/US2012/063944 :07/11/2012 :WO 2013/070767 :NA :NA	 (71)Name of Applicant : 1)APPLE INC. Address of Applicant :1 Infinite Loop MS 169 3IPL Cupertino California 95014 U.S.A. (72)Name of Inventor : 1)GOLKO Albert J. 2)JOL Eric S. 3)SCHMIDT Mathias W. 4)TERLIZZI Jeffrey J.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	
T ming Date		

(57) Abstract :

A dual orientation connector having a connector tab with first and second major opposing sides and a plurality of electrical contacts carried by the connector tab. The plurality of contacts includes a first set of external contacts formed at the first major side and a second set of external contacts formed at the second major side. Each individual contact in the first plurality of contacts is electrically connected within the tab or body to a corresponding contact in the second plurality of contacts. In some embodiments contacts in the first and second pluralities of contacts that are directly opposite each other are coupled together. In some other embodiments contacts in the first plurality of contacts are symmetrically spaced with the second plurality of contacts and the connector tab is shaped to have 180 degree symmetry so that it can be inserted and operatively coupled to a corresponding receptacle connector in either of two insertion orientations.



No. of Pages : 106 No. of Claims : 60

(19) INDIA

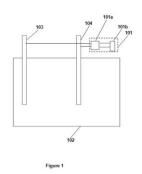
(22) Date of filing of Application :15/05/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A DESULFATOR DEVIC	CE	
(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, INDIA Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	2)Robert Bosch GmbH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)GARADI Basavaraj Shivashankar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract :

A desulfator device 101 connectable to a lead-acid battery 102 is disclosed. The desulfator device 101 comprises a controller 101a configured to generate a pulse waveform to be fed to the lead-acid battery 102. Reference figure - Figure 1



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

(19) INDIA

(22) Date of filing of Application :13/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR COMMUNICATION THROUGH DISTRIBUTED ANTENNA ARRAY SYSTEM AND ARRAY 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 	:H04B7/04 :NA :NA :NA :PCT/CN2012/082720 :10/10/2012 :WO 2014/056162 :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)MA Ni 2)ZHAO Jianping 3)YANG Jing 4)LIU Tao
(62) Divisional to Application NumberFiling Date	:NA :NA	

(57) Abstract :

Embodiments of the present invention provide a method for communication through a distributed antenna array system and the array system to reduce a deployment cost of a distributed antenna improve signal quality and reduce interference thereby further improving user experience and network capacity. The antenna array system comprises multiple antenna units baseband resource pools radio frequency resource pools and controllers. A macro station antenna is disposed on a macro station and multiple auxiliary antennas are distributed to locations where they can collaborate with adjacent antenna units. A controller is used to monitor signal status of user equipment in a coverage scope of the micro station determine an antenna unit for providing a service for the user equipment determine whether to perform collaborative transmission by multiple antennas on the user equipment and a corresponding transmission mode and configure an antenna resource for the user equipment. A baseband resource pool and a radio frequency resource pool control the configured antenna resource to provide a communication service for the user equipment. Embodiments of the present invention are applied to a wireless communication technology field.

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

(19) INDIA

(22) Date of filing of Application :13/04/2015

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04L29/06 :NA :NA :NA :PCT/CN2012/082504 :29/09/2012 :WO 2014/047951	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)TANG Pengcheng 2)PENTIKOUSIS Konstantinos
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	3)ZHOU Wei
Filing Date	:NA :NA	

(54) Title of the invention : NETWORK STORAGE METHOD SWITCH DEVICE AND CONTROLLER

(57) Abstract :

Embodiments of the present invention provide a network storage method a switch device and a controller to improve users network data access speed and avoid network congestion to a certain extent. The method comprises: a controller determining to cache data requested by a first data packet in a first switch device; the controller instructing the first switch device to cache the data requested by the first data packet and instructing the first switch device to create a first flow table entry based on matching information corresponding to the delivered first data packet and action instruction information corresponding to the first data packet wherein the action instruction information corresponding to the first data packet and cached on the first switch device. Embodiments of the present invention are applicable to the field of telecommunications technologies.

No. of Pages : 45 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H02K17/16	(71)Name of Applicant :
(31) Priority Document No	:12190600.2	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:30/10/2012	Address of Applicant :Wittelsbacherplatz 2 80333 München
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2013/071142	(72)Name of Inventor :
Filing Date	:10/10/2013	1)BRANDL Konrad
(87) International Publication No	:WO 2014/067756	2)FICHTNER Siegfried
(61) Patent of Addition to Application	.NT A	3)PFALLER Maximilian
Number	:NA	4)PIOTROWSKI Patryk
Filing Date	:NA	5)TREPPER André
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : CAGE ROTOR COMPRISING A DEFORMABLE BEARING

(57) Abstract :

The invention relates to a cage rotor (3 43 83) for an electric machine (4 44 84) comprising a rotor laminated core (5 305 605 105) having a groove (6 306 406 806) a rotor end ring (8 110) that is cast on to one axial end (7 11 61 62 81 85) of the laminated core (5 305 605 105) said ring having a first material (108) and a bar (9 49 89) situated in the groove (6 306 406 806). The bar (9 49 89) is supported in the groove (6 306 406 806) by a deformable bearing (10 30 40 80) having a bearing device (12 32 42 82). The invention also relates to a rotor laminated core (5 305 605 105) for a cage rotor (3 43 83) said rotor laminated core (5 305 605 105) comprising the groove (6 306 406 806) and the bearing device (12 32 42 82) to an electric machine (4 44 84) comprising a cage rotor (3 43 83) to a method for producing a rotor laminated core (5 305 605 105) in which method the bearing device (12 32 42 82) is produced on the rotor laminated core (5 305 605 105) and to a method for producing a cage rotor (3 43 83) in which method the bar (9 49 89) is supported in the groove (6 306 406 806) by a deformable bearing (10 30 40 80) having a bearing device (12 32 42 82) is produced on the rotor laminated core (5 305 605 105) and to a method for producing a cage rotor (3 43 83) in which method the bar (9 49 89) is supported in the groove (6 306 406 806) by a deformable bearing (10 30 40 80) having a bearing device (12 32 42 82).

No. of Pages : 34 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H04L12/40,H04L12/10	(71)Name of Applicant :
(31) Priority Document No	:10 2012 110 732.7	1)R. STAHL SCHALTGERÄTE GMBH
(32) Priority Date	:09/11/2012	Address of Applicant : Am Bahnhof 30 74638 Waldenburg
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/073150	(72)Name of Inventor :
Filing Date	:06/11/2013	1)SEIFRIED Michael
(87) International Publication No	:WO 2014/072333	
(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 : BUS COMMUNICATION APPARATUS

(57) Abstract :

The invention relates to a bus communication apparatus (10) having a bus line (12), at least one control computer (11) connected to the bus line (12) and also a plurality of subscriber units (14) that are connected to the bus line (12) by means of at least one coupling device (17). The control computer (11) is used to control communication via the bus line (12) using a firmly prescribed communication protocol, and it is possible both for subscriber unit (14) to communicate among one another and for a subscriber units (14) to communicate with the control computer (11) on the basis of the bus protocol. Furthermore, the bus line (12) is used to supply the subscriber units (14) and/or the at least one coupling device (17) with electric power for communication. Each subscriber unit (14) can modulate the subscriber current (IT) on the basis of first modulation (M1) and each subscriber unit (14) and/or each coupling device (17) can modulate the current (IT, IK) on the basis of second modulation (M2). The first modulation (M1) of the subscriber current (IT) is effected in line with the bus communication protocol. The second modulation (M2) of the current (IT, IK) is effected outside the current (IT) is below a gradient maximum in the case of the second modulation (M2) and below the gradient of the subscriber current (IT) in the case of the first modulation (M1).

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

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR INCREASING THE PARTICLE SIZE OF CRYSTALLINE ACTIVE MICRO PARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:A61K9/16,A61K9/00,C07J31/00 :10 2012 221 219.1 :20/11/2012 :Germany :PCT/EP2013/074044 :18/11/2013 :WO 2014/079801 :NA :NA	 (71)Name of Applicant : 1)JESALIS PHARMA GMBH Address of Applicant :Winzerlaer Straße 2 07745 Jena Germany (72)Name of Inventor : 1)GRAWE Detlef 2)GLIESING Sabine
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for increasing the particle size of crystalline active micro-particles comprising the following steps: (a) a first suspension consisting of crystalline active micro-particles with a first d50value of 0.5-5 μ m, solvent for the active agent and anti-solvent for the active agent is provided, wherein the solubility of the active agent in the solvent/anti-solvent mixture of the first suspension is 0.001-0.5% by weight; (b) the first suspension is stirred; (c) the d50 value of the active micro-particles contained in the first suspension is determined at least once, wherein a second d50 value is obtained; (d) the first suspension is stirred further; (e) the first suspension is filtered off, wherein a filter cake is produced, which is washed with anti-solvent for the active agent, wherein a differential pressure of \leq 500 mbar is present between the top and bottom of the filter cake during the filter cake, the filter cake obtained then being suspended in anti-solvent, wherein a second suspension is obtained and the d50 value of the active micro-particles of the second suspension is determined, wherein a third d50 value is obtained, wherein the total stirring time of the first suspension is selected so as to be between 1 and 72 hours, depending on the second d50 value, and/or by adding solvent and/or anti-solvent, the solubility of the active agent in the solvent/anti-solvent mixture of the first suspension is altered so as to be between 0.001 and 0.5% by weight such that the third d50 value is at least 0.03 μ m greater than the first d50 value; and (f) the active micro-particles of the second suspension are then dried. Moreover, crystalline fluticasone propionate particles are provided, the mean particle size being d50 = 1-1.5 μ m, the span being \leq 1.35 and the amorphous fraction relative to the total weight of the particles is \leq 0.5% by weight.

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

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : COMMUNICATION METHOD BASE STATION WIRELESS COMMUNICATION NODE AND USER EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :NA :NA :NA :PCT/CN2012/081336 :13/09/2012 :WO 2014/040256 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)LIN Bo 2)BI Hao 3)ZHOU Yongxing 4)WANG Yu
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(57) Abstract :

The embodiments of the present invention provide a communication method base station wireless communication node and user equipment and the method comprises: the base station determines the first resource configuration information wherein the first resource configuration information indicates N wireless resource sets used in N wireless communication nodes respectively communicating with user equipment (UE) and the wireless resources include time domain and/or frequency domain resources; the first resource configuration information is sent to UE so that UE communicates with the corresponding wireless communication node by using the wireless resource sets of each transmission node and the wireless resource sets of each transmission node and the wireless resource sets of each transmission node and the wireless resource sets of each transmission node and the wireless resource sets of each transmission node and the wireless resource sets of each transmission node and the wireless resource sets of each transmission node and the wireless resource sets of each transmission node and the wireless resource sets of each transmission node and the wireless resource sets of each transmission node and the wireless resource sets of each transmission node have no intersection. Therefore with no need to schedule wireless resources by the base station the delay requirement of backhaul link is lowered and the interference is eliminated.

No. of Pages : 156 No. of Claims : 56

(19) INDIA

(22) Date of filing of Application :20/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H04N7/18	(71)Name of Applicant :
(31) Priority Document No	:201210392534.4	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:16/10/2012	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2013/085196	(72)Name of Inventor :
Filing Date	:14/10/2013	1)ZHOU Ming
(87) International Publication No	:WO 2014/059912	2)YANG Zhiquan
(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 : VIDEO MONITORING METHOD DEVICE AND SYSTEM

(57) Abstract :

Disclosed are a video monitoring method device and system which relate to the field of video monitoring and are capable of reducing locating operation complexity and improving locating efficiency. The video monitoring method comprises: a user equipment receiving a panorama sent by a camera; the user equipment acquiring a user designated view in the panorama; in accordance with the a preset correlation between view and angle the user equipment acquiring a monitoring angle corresponding to the user designated view; and the user equipment sending the monitoring angle to the camera so as to facilitate the camera in adjusting the angle of the camera to the monitoring angle. The present invention is used for viewing information about video monitoring views.

No. of Pages : 35 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :20/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : DISPENSER FOR OPENING A TAPE LIKE PACKAGING

(51) International classification	:B65D83/08,B65D69/00,B65H37/00	(71)Name of Applicant : 1)MERCK PATENT GMBH
(31) Priority Document No	:12290311.5	Address of Applicant : Frankfurter Strasse 250 64293
(32) Priority Date	:21/09/2012	Darmstadt Germany
(33) Name of priority country	y:EPO	(72)Name of Inventor :
(86) International	:PCT/EP2013/002537	1)MULLER Gerard
Application No	:22/08/2013	2)ARRAULT Mathieu
Filing Date		3)RICHERT Jean Jacques
(87) International Publication No	¹ :WO 2014/044349	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to	:NA	
Application Number Filing Date	:NA	

(57) Abstract :

A dispenser (100) for opening a tape like packaging (1) which tape like packaging (1) comprises first and second films (10 11) releasably connected to each other and forming envelopes (E) respectively sealed around an object (O) and disposed sequentially with a predetermined pitch. The dispenser (100) comprises a space (3) for holding a container (2) of said tape like packaging (1) a separator (4) through which said tape like packaging (1) can be passed for spreading apart and separating said first and second films (10 11) at an outlet (5) thereof when a pulling force is acting on said first and second films (10 11) thereby opening said envelopes (E) and releasing the objects (O) contained therein and means (6 7) for winding up said separated first and second films (10 11) of the tape like packaging (1). The separator (4) further comprises a cover member (8) that is articulated to the dispenser (100) to be movable between a closed position and an open position such that it cooperates with a counter element (9) to define in the closed position said outlet (5) and a pinching zone (12) of said tape like packaging (1) at a position upstream of said outlet (5) and in the open position releases said tape like packaging (1). The provision of the cover member to selectively open and close the separator and simultaneously hold a container of the tape in the space considerably reduces the complexity of the mechanical drive system and facilitates the loading and unloading of the tape.

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

(19) INDIA

(22) Date of filing of Application :13/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSCEIVING DATA BY USER TERMINAL

(57) Abstract :

The present invention is a method for transmitting a data packet by a user terminal in a mobile communication system. The method enters a power saving mode for transmitting the data packet only if a channel state satisfies a transmission threshold value compares the index indicating the channel state and the transmission threshold value upon occurrence of a data packet to be transmitted starts transmission of the data packet if the index indicating the channel state is greater than the transmission threshold value and proceeds with the transmission of the data packet until the time set by the timer that starts at the same time as the transmission of the data packet expires.

No. of Pages : 68 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING OPERATION STATE OF BASE STATION IN WIRELESS COMMUNICATION SYSTEM

 (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 	:13/11/2012 :Republic of Korea :PCT/KR2013/010273 :13/11/2013 :WO 2014/077572 :NA :NA	 (71)Name of Applicant : 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 : KWAK Yongjun KIM Youngbum CHO Joonyoung KIM Younsun LEE Juho JI Hyoungju
Application Number Filing Date	:NA :NA	

(57) Abstract :

Methods and apparatus are provided for controlling transition of an operation state of a cell in a wireless communication system. The cell includes a transceiver configured to transmit and receive signals to and from a terminal and another cell. The cell also includes a controller configured to transition an operation state of the cell from an active state to a dormant state transmit a discovery signal determine whether a cell activation signal is received from a node that controls the cell and transition the operation state of the cell from the dormant state to the active state when the cell activation signal is received.

No. of Pages : 31 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :24/04/2015

(54) Title of the invention : VEHICLE

(43) Publication Date : 08/01/2016

:B62K5/05,B62K5/08	(71)Name of Applicant :
:2012235605	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
:25/10/2012	Address of Applicant :2500 Shingai Iwata shi Shizuoka
:Japan	4388501 Japan
:PCT/JP2013/078867	(72)Name of Inventor :
:24/10/2013	1)TAKANO Kazuhisa
:WO 2014/065381	2)YAMASAKI Shigeto
:NA :NA	
. NI A	
:NA :NA	
	:2012235605 :25/10/2012 :Japan :PCT/JP2013/078867 :24/10/2013 :WO 2014/065381 :NA :NA :NA

(57) Abstract :

In the present invention a resistance changing mechanism (7) includes a first section (11) and a second section (12) that allow resistance to be changed in accordance with displacement of the relative positions thereof. The first section (11) is supported by one member among any of a first side member (53) second side member (54) first cross member (51) and second cross member (52) of a linking mechanism (5). When viewed from the direction of an upper intermediate axis the first section (11) is placed at a position where the first section at least partially overlaps with the one member at all times. The first section (11) is provided in front of the one member and a steering shaft (60) in terms of the direction of the upper intermediate axis. The second section (12) is supported by one other member among a vehicle frame (21) the first side member (53) the second side member (54) the first cross member (51) and the second cross member (52) that is displaced relative to the one member by which the first section (11) is supported. When viewed from the direction of the upper intermediate axis at a position where the second section at least partially overlaps with the one member by which the first section (11) is supported. When viewed from the direction of the upper intermediate axis the second section (12) is placed at a position where the second section at least partially overlaps with the one other member at all times. The second section (12) is placed at a position where the second section at least partially overlaps with the one other member at all times. The second section (12) is provided side by side the one other member in front of the one member for the first section (11) and the steering shaft (60).

No. of Pages : 70 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :24/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : 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 	:PCT/JP2013/075679 :24/09/2013 :WO 2014/046280 :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)IIZUKA Toshio 2)KUBO Yutaka 3)WATANABE Takahiro 4)MIYAMOTO Noboru 5)SASAKI Kaoru 6)OGAWA Hirokatsu 7)TAKANO Kazuhisa 8)YAMASAKI Shigeto
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(57) Abstract :

An anti deformation mechanism (7) includes a first connecting member (11) and a second connecting member (12) capable of being displaced relative to one another and a caliper (72). A resistive force against the relative displacement of the members can be changed. The first connecting member (11) and the second connecting member (12) have rotating support parts (11a 12a) supported respectively by a first shock absorber (33) and a second shock absorber (35). A portion of the caliper (72) is supported by a vehicle body frame (21). The rotating support part (11a) is supported by the first shock absorber (33) at a position closer to a first center axis (X) than an intermediate axis line (Z) that is aligned with the rotational axis of a steering shaft (60) in a state in which the vehicle body frame (21) is upright. The rotating support part (11b) is supported by the second shock absorber (35) at a position closer to a second center axis (Y) than the intermediate axis line (Z) in a state in which the vehicle frame (21) is upright.

No. of Pages : 94 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :13/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : IMAGE ACQ	UISITION APPARATUS	
(51) International classification	:A61B3/12	(71)Name of Applicant :
(31) Priority Document No	:1219171.4	1)EPIPOLE LIMITED
(32) Priority Date	:25/10/2012	Address of Applicant :Liberty Business Centre 15 Cromarty
(33) Name of priority country	:U.K.	Campus Rosyth Europarc Rosyth Fife KY11 2YB U.K.
(86) International Application No	:PCT/GB2013/052783	(72)Name of Inventor :
Filing Date	:24/10/2013	1)ROBERTSON Craig
(87) International Publication No	:WO 2014/064454	
(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 : IMAGE ACQUISITION APPARATUS

(57) Abstract :

The present invention relates to portable image acquisition apparatus (10). The portable image acquisition apparatus (10) is configured to acquire at least one image of apart of a human or animal body. The portable image acquisition apparatus comprises a main body (12) defining a window (20) and an imaging arrangement (16) operable to acquire an image of a part of a human or animal body by way of an imaging path which passes through the window (20). The portable image acquisition apparatus (10) also comprises a lighting module (14) comprising a light source and an optical arrangement (50) the lighting module (14) and the main body (12) being configured to releasably couple with each other when in use. The light source is configured to emit a beam of non coherent light in a direction substantially perpendicular to the imaging path. The optical arrangement (50) is configured to receive the beam of light and change a direction of propagation of the received light whereby a beam of light is directed through the window (20). The portable image acquisition apparatus (10) is configured such that between the optical arrangement (50) and the window (20). The portable image acquisition apparatus (10) is configured such that between the optical arrangement (50) and the window the imaging path and the beam of light have substantially opposite directions and at least in part occupy the same space.

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

(19) INDIA

(22) Date of filing of Application :24/04/2015

(21) Application No.1143/KOLNP/2015 A

(43) Publication Date : 08/01/2016

 (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/JP2013/075720 :24/09/2013	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA Address of Applicant :2500 Shingai Iwata shi Shizuoka 4388501 Japan (72)Name of Inventor : 1)HIRAYAMA Yosuke 2)IIZUKA Toshio 3)KUBO Yutaka
(33) Name of priority country		(72)Name of Inventor :
Application No Filing Date	:24/09/2013	2)IIZUKA Toshio
(87) International Publication No	¹ :WO 2014/046287	4)WATANABE Takahiro 5)MIYAMOTO Noboru
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)SASAKI Kaoru 7)OGAWA Hirokatsu
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : VEHICLE

(57) Abstract :

One purpose of the present invention is to provide a vehicle provided with two front wheels and a vehicle frame that can tilt wherein ride comfort can be maintained with a minimal increase in the size of a structure surrounding a steering shaft above the two front wheels. At least part of a tie rod (1067) in a steering force transmission mechanism: overlaps part of a first support member or a second support member when viewed from in front of the vehicle with the vehicle in a maximal tilt state in which the vehicle frame (1021) is maximally tilted in the left right direction; and viewed from the side of the vehicle with the vehicle frame (1021) vertical is lower than a second cross member (1052) provided forwards of a first axis of a first side member (1053) and a second axis of a second side member (1054) higher than a first front wheel (1031) and a second front wheel (1032) rearwards of the first side member (1053) and the second front wheel (1032) and forwards of the first axis of the first side member (1053) and the second axis of the second front wheel (1054).

No. of Pages : 81 No. of Claims : 7

(22) Date of filing of Application :24/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : 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 	:B62K5/05,B62K5/08 :2012235605 :25/10/2012 :Japan :PCT/JP2013/078876 :24/10/2013 :WO 2014/065385 :NA :NA :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)TAKANO Kazuhisa 2)YAMASAKI Shigeto

(57) Abstract :

This vehicle (1) is equipped with a resistance changing mechanism (7) that is capable of changing resistance which is to be applied against rotational movements of an upper cross member (51) and a lower cross member (52) with respect to a vehicle frame (21) at least in two different levels when the upper cross member (51) and the lower cross member (52) are displaced from certain relative positions with respect to the vehicle frame (21). The resistance changing mechanism (7) has a first section (11) and a second section (12) that allow resistance against relative rotation about a resistance change axis (7a) which is parallel to an upper intermediate axis to be changed. The first section (11) is non rotatably fixed to one member among any of a right side member (53) a left side member (54) the upper cross member (51) the lower cross member (52) and the vehicle frame (21). The second section (12) is supported by one other member among any of the right side member (53) the left side member (54) the upper cross member (51) that is rotatably supported at least partially by the one member and the second section (12) rotates relative to the first section (11) about the resistance change axis (7a) in synchronization with relative rotation of the one member with respect to the one other member.

No. of Pages : 59 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :13/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR SUPPORTING INDICATING A FAILURE EVENT TO A SOURCE ACCESS 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 	:H04W24/02,H04W8/02 :201210359119.9 :21/09/2012 :China :PCT/KR2013/008390 :17/09/2013 :WO 2014/046452 :NA :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)XU Lixiang 2)WANG Hong 3)LIANG Huarui
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(57) Abstract :

The present invention discloses a method for supporting indicating a failure event to a source access system: notifying by the source access system information of a source cell to a target access system; routing by the target access system a message to the base station or the base station controller of the source access via a core network by use of the information of the source cell received from the source access system when the target access system needs to transmit a message to the source access system. By use of the method provided by the present invention a problem of MRO among different RATs may be notified to the source access system so as to avoid impact for a terminal reduce operator configuration. Thus a problem of MRO among different RATs is solved and system performance is improved.

No. of Pages : 21 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :20/04/2015

(54) Title of the invention : SCROLL COMPRESSOR

(43) Publication Date : 08/01/2016

(51) International classification	:F04C18/02	(71)Name of Applicant :
(31) Priority Document No	:2012215068	1)DAIKIN INDUSTRIES LTD.
(32) Priority Date	:27/09/2012	Address of Applicant :Umeda Center Building 4 12 Nakazaki
(33) Name of priority country	:Japan	Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan
(86) International Application No	:PCT/JP2013/076354	(72)Name of Inventor :
Filing Date	:27/09/2013	1)KATO Katsumi
(87) International Publication No	:WO 2014/051085	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a highly reliable scroll compressor wherein a back pressure space is formed and oil is supplied to an entire scroll sliding portion when a communication groove which allows compression chambers and the back pressure space to communicate is formed in a fixed scroll. The scroll compressor is provided with: the fixed scroll (31) having a fixed side end plate (311) a fixed side wrap (312) and a peripheral edge (313); a movable scroll having a movable side end plate and a movable side wrap; and a drive motor. The drive motor causes the movable scroll to revolve and compresses a refrigerant inside the compression chambers which are formed by the fixed side and movable side wraps. The back pressure space which intermittently communicates with the compression chambers is formed at the back of the movable scroll. On sliding surfaces (R1 R2) that slide with the movable side end plate of the peripheral edge a first oil groove (313d) through which oil from an oil reservoir space is supplied is formed within a first angular area (A1) with respect to the center of the fixed side end plate and a second oil groove (80) which communicates with the back pressure space are formed within a second angular region area (A2).

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

(19) INDIA

(22) Date of filing of Application :23/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : WLAN ACCE	ESS METHOD AND DE	VICE
(51) International classification(31) Priority Document No(32) Priority Date	:H04W48/16 :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building
(33) Name of priority country(86) International Application No		Bantian Longgang District Shenzhen Guangdong 518129 China (72) Name of Inventor :
Filing Date (87) International Publication No (61) Detent of Addition to Application	:24/09/2012 :WO 2014/043916	1)WU Wenfu 2)LI Yan
(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 : WLAN ACCESS METHOD AND DEVICE

(57) Abstract :

Provided is a WLAN access method which can save the electric energy of a UE. The method includes: acquiring the access position of a UE; acquiring AP access information about the UE at the access position; according to the acquired AP access information selecting an AP to perform WLAN access; and sending the AP access information about the selected AP to the UE. Also provided are another WLAN access method and a corresponding device.

No. of Pages : 41 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :23/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : A DEVICE FOR MEASURING BRACHIAL BLOOD PRESSURE IN AN INDIVIDUAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority 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/EP2013/069864 :24/09/2013 :WO 2014/048924 :NA :NA	 (71)Name of Applicant : 1)BP ALERT LIMITED Address of Applicant :DJM House Kilkerrin Park Tuam Road Galway County Galway Ireland (72)Name of Inventor : 1)MURRAY Dermot Jerome
Number Filing Date	:NA :NA	

(57) Abstract :

A device (10) for measuring brachial arterial blood pressure in an individual (11) has a blood pressure cuff (12) attachable to an upper arm of the individual means (13) separate to the blood pressure cuff (12) for measuring the heart rate of the individual (11) and a control unit (14) connected to both the blood pressure cuff (12) and the heart rate monitoring means (13) such that in use the control unit (14) monitors the heart rate of the individual (11) for the establishment of a stable resting heart rate initiates a blood pressure measurement using a protocol appropriate to the outcome of the heart rate monitoring and calculates the pulse pressure (PP) to establish the status of the brachial artery during the blood pressure measurement. Where the heart rate drops to within +12bpm of a reference resting heart rate for the individual (11) the device (10) will initiate a blood pressure measurement in accordance with a reference resting heart rate protocol. However where an irregular heart rate (IRHR) is found the device (10) will initiate a blood pressure measurement in accordance with a timed protocol. By waiting for the establishment of a reference resting heart rate the accuracy of the subsequent blood pressure measurements is improved.

No. of Pages : 48 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :21/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CHANNEL QUALITY REPORTING IN A MULTI ANTENNA 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 Eiling Date 	:61/707451 :28/09/2012 :U.S.A. :PCT/SE2013/051071 :13/09/2013 :WO 2014/051498 :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)NAMMI Sairamesh
Filing Date	:NA	

(57) Abstract :

In MU-MIMO scenarios, a receiving node(1000) provides feedback on a feedback channel to a transmitting node (1300) regarding a channel between the receiving and the transmitting nodes (1000, 1300). To reduce signaling overhead, a feedback channel structure, such as HS-DPCCH, is used in which the fields that carry feedback information are specifically agreed upon. For example, in uplink signaling in a 4-branch MIMO, it was agreed that two codewords be used for CQI reporting and to send all information in one subframe. This structure is valid when the preferred rank is 2, 3, or 4. But when the preferred rank is 1, the CQI information does not fill the two codewords. To address such issues, mechanisms to map such feedback information to completely fill the allocated space are proposed. Padding and repeating are examples of such mechanisms.

No. of Pages : 63 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :21/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR TDD PUCCH HARQ RESOURCE ALLOCATION FOR ENHANCED PHYSICAL DOWNLINK CONTROL CHANNEL (EPDCCH)

(31) Priority Document No(32) Priority Date	:H04W72/12,H04L5/00,H04L1/16 :PCT/CN2012/082198 :27/09/2012	1) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:China :PCT/SE2013/051116 :26/09/2013 :WO 2014/051508	 (72)Name of Inventor : 1)SONG Xinghua 2)LI Shaohua 3)ERIKSSON Erik 4)LU Qianxi 5)LARSSON Daniel
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract :

PUCCH resource determination for HARQ-ACK transmission in response to ePDCCH-scheduled PDSCH or ePDCCH-indicated SPS release in a TDD radio communication system. Downlink control information (DCI) is received in a downlink subframe via an Enhanced Physical Downlink Control Channel (ePDCCH). A resource index for a Physical Uplink Control Channel (PUCCH) resource is determined, based on the lowest enhanced Control Channel Element (eCCE) index of the received DCI, a device-specific offset value, and an index ithat identifies the downlink subframe in a pre-determined set of one or more downlink subframes associated with an uplink subframe. The PUCCH resource is determined according to a formula that results in a sequential allocation of PUCCH resources in the uplink subframe with respect to the downlink subframes associated with the uplink subframe, for each of a plurality of sets of ePDCCH resources. HARQ feedback is transmitted in the uplink subframe, in the indexed PUCCH resource.

No. of Pages : 46 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :22/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : HYDROPYRROLOPYRROLE DERIVATIVES FOR USE AS FATTY ACID SYNTHASE **INHIBITORS**

classification :C07D487/04,A61K31/407,A61P35/00 (31) Priority Document No :12006668.3 (32) Priority Date :24/09/2012	 (71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :Frankfurter Strasse 250 64293 Darmstadt Germany (72)Name of Inventor : 1)STAEHLE Wolfgang 2)TSAKLAKIDIS Christos 3)LEUTHNER Brigitta 4)WIENKE Dirk 5)CZAUDERNA Frank 6)WEGENER Ansgar
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(57) Abstract :

Compounds of the formula (I) in which R1, R2, R, X1, X2, X3, X4, n1, n2, n3 and n4 have the meanings indicated in Claim 1, are inhibitors of Tankyrase, and can be employed, inter alia, for the treatment of diseases such as cancer, cardiovascular diseases, central nervous system injury and different forms of inflammation.

No. of Pages : 64 No. of Claims : 13

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : AIR CONDITIONER

	ion En	
(51) International classification	:F24F11/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DAIKIN INDUSTRIES LTD.
(32) Priority Date	:NA	Address of Applicant :Umeda Center Building 4 12 Nakazaki
(33) Name of priority country	:NA	Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan
(86) International Application No	:PCT/JP2012/076932	2)DAIKIN EUROPE N.V.
Filing Date	:18/10/2012	(72)Name of Inventor :
(87) International Publication No	:WO 2014/061129	1)HONDA Masahiro
(61) Patent of Addition to Application	:NA	2)MATSUOKA Shinya
Number	:NA :NA	3)NAKAGAWA Hideyuki
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An air conditioner (1): comprises a refrigerant circuit (10) configured by connecting a plurality of indoor units (4a, 4b) to an outdoor unit (2); and further comprises a capacity control means (81), and a target refrigerant temperature mode setting means (83). The capacity control means (81) controls the air conditioning capacity of the outdoor unit (2) in such a manner that the evaporation temperature or condensation temperature of a refrigerant in the refrigerant circuit (10) attains a target evaporation temperature mode either to a target refrigerant variable temperature mode in which the target evaporation temperature or the target condensation temperature is changed, or to a target refrigerant fixed temperature mode in which the target evaporation temperature or the target condensation temperature is fixed.

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

(21) Application No.1035/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 08/01/2016

(51) Intermeticuel de colfication	.U041 5/00 U041 1/19	(71)Nama of Ameliaant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:13/961409	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:07/08/2013	Address of Applicant : Telefonplan SE 164 83 Stockholm
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/IB2014/063689	(72)Name of Inventor :
Filing Date	:04/08/2014	1)REN Hong
(87) International Publication No	:WO 2015/019277	
(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 : ALLOCATING FEEDBACK RESOURCES FOR CARRIER AGGREGATION

(57) Abstract :

Methods and apparatus are disclosed for allocating PUCCH resources for HARQ feedback so as to minimize the total number PUCCH resources that are allocated while avoiding resource collision. A base station (20) in an uplink Pcell allocates resource sets for use by a plurality of user terminals (25) for providing HARQ feedback to support downlink transmissions to the user terminals (25) in the same transmission time interval. The base station (20) configures a resource group for each user terminal (25). Each resource group comprises a predetermined number of the allocated resource sets. The base station (20) sorts the user terminal (25) in the order of priority from highest to lowest and selects, in order of priority, a resource set for each user terminal (25) from its configured resource group. To select resources for the user terminal (25), the base station (20) calculates a weight for each resource set available to the user terminal (25), and allocate an available resource set with minimum weight to the user terminal (25).

No. of Pages : 21 No. of Claims : 23

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 08/01/2016

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

(51) International classification(31) Priority Document No(22) District Data	:201210389695.8	(71)Name of Applicant : 1)BEIJING JINGDONG SHANGKE INFORMATION
(32) Priority Date(33) Name of priority country	:15/10/2012 :China	TECHNOLOGY CO. LTD Address of Applicant :The Western 1 4th Floors & The
(86) International Application No		Eastern 1 4th Floors Building No. 11 the Fourth District Of West
Filing Date	:11/10/2013	Cedar Creative Park Xingshikou Road No. 65 Haidian District
(87) International Publication No	:WO 2014/059899	Beijing 100195 China
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number Filing Dete	:NA	1)FENG Hao
Filing Date (62) Divisional to Application Number	:NA	2)XU Kaipeng 3)CAO Wubo
Filing Date	:NA	4)HU Tao

(57) Abstract :

The present invention relates to a method and apparatus for processing electronic transaction information, the method comprising: accepting a payment request submitted by a channel entrance page, the payment request comprising an electronic tag corresponding to the channel entrance page; making a payment in accordance with the payment request and outputting a payment result; identifying a distribution platform corresponding to the electronic tag; generating a payment result page based on the identified distribution platform; and outputting the payment result page. In accordance with the method and apparatus for processing electronic transaction information of the present invention, electronic tags are embedded in the processing steps of the electronic transactions, and two or more independent and closed transaction processing systems sharing the same payment process can be established. Thus, the amount of work and cost for establishing electronic transaction distribution platforms can be reduced.

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

(19) INDIA

(22) Date of filing of Application :22/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : LAMINATE STRUCTURE INCLUDING A PRIMER COATING THEREIN

 (51) 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/US2014/042093 :12/06/2014	 (71)Name of Applicant : 1)MICHELMAN INC. Address of Applicant :9080 Shell Road Cincinnati OH 45236 U.S.A. (72)Name of Inventor : 1)REGNIER Baptiste
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	n:NA :NA	

(57) Abstract :

A laminate structure is provided which includes a first polymeric substrate laminated to a second polymeric substrate. A primer coating comprising the reaction product of polyethyleneimine and formaldehyde is included on the surface of the first polymeric substrate which is subsequently printed with an ink or toner image prior to lamination to the second polymeric substrate. The primer coating provides good toner and/or ink adhesion to the polymeric substrate. The primer coating also provides improved bond strength upon lamination of the first and second polymeric substrates as well as providing water resistance to the laminate structure.

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

(19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : WASHING MACHINE WITH A BUBBLE GENERATING UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application 		 (71)Name of Applicant : 1)BSH HAUSGERÄTE GMBH Address of Applicant :Carl Wery Str. 34 81739 München Germany (72)Name of Inventor : 1)GRACIA BOBED Ismael
No Filing Date	:PCT/IB2013/059943 :06/11/2013	
(87) International Publication No	:WO 2014/083457	
(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 washing machine 10 with a tub 20, and a bubble generating unit 40 for generating bubbles in a washing liquid W within said tub 20. The bubble generating unit 40 is provided with a heating element 41 that heats air or a mixture of air and the washing liquid W before being introduced into the tub 20, and in this manner simply and easily introduces hot air into the tub 20.

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

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : OSCILLATION DAMPER FOR A HOUSEHOLD APPLIANCE WITH ROTATING DRUM AND HOUSEHOLD APPLIANCE COMPRISING THE DAMPER

(57) Abstract :

The invention relates to an oscillation damper 1 for a household appliance 9 in particular a washing machine 9 or dryer 9 with a fixed support 2 mountable on a lower part of the housing 10 of the household appliance 9 in which is housed an oscillating group comprising a tub 15 a drum 13 and a motor 21 a pivot shaft 3 mounted on a support 2 and in which is mounted a radial friction element 4 a swiveling lever 5 associated with the radial damper 4 and articulable 5a to a support element 24 simultaneously articulated to a lower part of the tub 15 and an elastic element with at least a helical spring 6 6 with windings arranged around the pivot shaft 3 and connected to the swiveling lever 5 and the fixed support 2 opposing a torsional force to the rotation of the swiveling lever 5 and designed such that the torsional force corresponds to a proportional part of the load of the oscillating group transmitted by the support element 24.

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

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:F16L37/14	(71)Name of Applicant :
(31) Priority Document No	:2012212551	1)NIFCO INC.
(32) Priority Date	:26/09/2012	Address of Applicant :184 1 Maioka cho Totsuka ku
(33) Name of priority country	:Japan	Yokohama shi Kanagawa 2448522 Japan
(86) International Application No	:PCT/JP2013/005730	(72)Name of Inventor :
Filing Date	:26/09/2013	1)NEZU Mikio
(87) International Publication No	:WO 2014/050119	
(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 : CONNECTOR

(57) Abstract :

The present invention provides a connector that safely prevents improper release without being provided with a protuberance (protruding part). A connector comprising a connector housing to which a hose is connected a male member mounted on the connector housing and a lock member that can engage and disengage the connector housing and male member wherein the connector housing is provided with: a lock member guide wall for guiding the lock member; an engagement protrusion for engaging a part of the lock member and limiting downward movement of the lock member; a sliding surface on which the distal end of the lock member slides as the lock member moves; and a through hole formed so that part of the lock member held in the lock member guide wall passes through the through hole the through hole being formed so as to engage with an engaging part formed on the outer circumference of the male member mounted on the connector housing. The lock member descends and separates from the engaging part upon being limited in movement by the engagement protrusion and disengaging therefrom; therefore improper release is safely prevented without the use of a protuberance.

No. of Pages : 35 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H04L1/00	(71)Name of Applicant :
(31) Priority Document No	:201210401050.1	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:19/10/2012	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2013/076154	(72)Name of Inventor :
Filing Date	:23/05/2013	1)LIU Sheng
(87) International Publication No	:WO 2014/059792	2)WANG Rui
(61) Patent of Addition to Application	:NA	3)YU Rongdao
Number	:NA	
Filing Date	.1 11 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : SIGNAL TRANSMISSION METHOD SYSTEM AND DEVICE

(57) Abstract :

12k12kThe present invention provides a signal transmission method system and device. The method comprises: configuring K virtual users each virtual user being associated with a base station; obtaining a base station precode and a user precode corresponding to each virtual user among the K virtual users; splitting a baseband signal to the K virtual users and obtaining a split baseband signal corresponding to each virtual user among the K virtual users; processing the split baseband signal corresponding to each virtual user among the k virtual users; processing the split baseband signal corresponding to each virtual user according to the base station precode and the user precode corresponding to each virtual user to obtain an uplink signal corresponding to each virtual user; and obtaining timing advances {t t ...t} of the base stations corresponding to the K virtual users and when max(t t ...t) min(t t ...t)<B transmitting to the base station corresponding to each virtual user the uplink signal corresponding to the virtual user by using an antenna.

No. of Pages : 66 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :14/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : NOVEL CRYSTALLINE FORM OF VORTIOXETINE HYDROBROMIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D295/096,A61K31/495,A61P25/00 :12185103.4 :19/09/2012 :EPO :PCT/EP2013/069401 :18/09/2013 :WO 2014/044721 ?:NA :NA :NA	 (71)Name of Applicant : 1)SANDOZ AG Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland (72)Name of Inventor : 1)HOTTER Andreas 2)ENDERS Michael 3)GRIESSER Ulrich
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(57) Abstract :

The present invention is directed to a crystalline compound comprising a hydrobromide acid (HBr) salt of a compound of formula (I) (1 {2 [(2 4 dimethylphenyl)sulfanyl]phenyl}piperazine INN: vortioxetine) having an XRPD pattern with characteristic peaks (expressed in $2 \pm 0.2^{\circ}$ 2 (CuKa radiation)) at 5.5° 14.8° 16.7° and 20.0° and processes for obtaining the same.

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

(19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : NETWORK NODE USER NODE AND METHODS FOR POWER BOOSTING DPCCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:02/11/2012 :U.S.A. :PCT/SE2013/050773 :26/06/2013 :WO 2014/070067 :NA :NA :NA	 (71)Name of Applicant : TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : LARSSON Erik VON WRYCZA Peter WANG Yi Pin Eric BEBAWY Michael Samuel
	:NA :NA	

(57) Abstract :

A method in a network node for enhancing a channel estimate based on a Dedicated Physical Control Channel DPCCH between a user node and the network node is provided. The DPCCH has a first power. The network node receives (501) the DPCCH. The first power of the DPCCH is boosted with additional power resulting in a second power. The network node then obtains (502) a channel estimate based on the DPCCH comprising the second power. As soon as said channel estimate is obtained the network node removes (503) the additional power from the DPCCH based channel estimate.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND SYSTEM FOR RADIO SERVICE OPTIMIZATION USING ACTIVE PROBING OVER TRANSPORT NETWORKS

 (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 	:H04W24/06,H04W28/12,H04W72/04 9:61/708757 :02/10/2012 :U.S.A. :PCT/IB2013/059041 :01/10/2013 :WO 2014/053992 :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)BAILLARGEON Steve
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and system for determining quality and capacity of a transport monitoring connection between radio service nodes to facilitate local management of subscriber connections are disclosed. One method includes sending first test packets from a first radio service node to a second radio service node via the transport monitoring connection. Second test packets are received from the second radio service node. The second test packets have information added to the first test packets by the second radio service node. The second test packets are analyzed to determine a quality and a bandwidth of the transport monitoring connection. Control and user plane functions are informed when transport monitoring performance is one of degraded and improved based on the quality and bandwidth. The method includes making radio service provisioning decisions based on the quality and bandwidth of the transport monitoring connection.

No. of Pages : 33 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : DATA TRANSMISSION METHOD SWITCHING METHOD DATA TRANSMISSION APPARATUS SWITCHING APPARATUS USER EQUIPMENT WIRELESS ACCESS NODE DATA TRANSMISSION SYSTEM AND SWITCHING SYSTEM

(51) International classification	:H04W28/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/083764	(72)Name of Inventor :
Filing Date	:30/10/2012	1)XIONG Chunshan
(87) International Publication No	:WO 2014/067070	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A data transmission method a switching method a data transmission apparatus a switching apparatus a user equipment a wireless access node a data transmission system and a switching system. The data transmission method comprises: receiving a request from a UE for requesting to access a data file on an external server; if a first part of content in the data file is stored in an RAN Cache transmitting the first part of content to the UE; when transmitting the first part of content to the UE obtaining a remaining second part of content in the data file from the external server; after the first part of content is transmitted to the UE continuing to transmit the second part of content to the UE. The present invention solves a technical problem in prior art that data transmission cannot be efficiently speeded up due to cost and device space limitations for adding a storage device for storing a video on an RAN node and improves user experience. The technical problem in prior art that a video cannot be played properly when the UE moves to another RAN node is also solved improving the user experience.

No. of Pages : 77 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND ADVERTISEMENT SERVER FOR PROVIDING NETWORK INFORMATION FOR TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 :PCT/CN2012/082885 :12/10/2012 :WO 2014/056202 :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)JIN Weisheng
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the communications field and especially relates to a method and an advertisement server for providing network information for a terminal; wherein the method comprises: the advertisement server receiving a query request sent by the terminal that is currently located on a first network for querying network information of a second network; the advertisement server obtaining network information of the second network from a first network device through the interface to the first network device; the advertisement server sending the obtained second network information to the terminal. The present invention is easy to implement and has a strong real time performance.

No. of Pages : 35 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :22/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : DIHYDRO 6 AZAPHENALENE DERIVATIVES FOR THE TREATMENT OF CNS ONCOLOGICAL DISEASES AND RELATED 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 	:A61K31/44 :61/707444 :28/09/2012	 (71)Name of Applicant : WARNER BABCOCK INSTITUTE FOR GREEN (HEMISTRY LLC Address of Applicant :100 Research Drive Wilmington MA (72)Name of Inventor : WARNER John C. NGUYEN Dieu GLADDING Jeffery A. CHERUKU Srinivasa R. LOEBELENZ Jean R. NORMAN James J. THOTA Sambaiah LEE John W. ROSENFELD Craig
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(57) Abstract :

In one embodiment the present application discloses 2 aza 2 oxa and 2 thia 2 3 dihydro 6 azaphenalene compounds and compositions and methods for treating a neurological disease in a patient in need thereof using the compounds and compositions as disclosed herein.

No. of Pages : 54 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :22/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : LINK ADAPTATION FOR A MULTI HOP ROUTE IN A WIRELESS MESH 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 (52) Abstract 	:H04L12/801,H04W28/02,H04L12/811 :61/707366 :28/09/2012 :U.S.A. :PCT/IB2013/058963 :28/09/2013 :WO 2014/049576 :NA :NA :NA	 (71)Name of Applicant : 1)OPTIS CELLULAR TECHNOLOGY LLC Address of Applicant :P.O. Box 250649 Plano TX 75025 U.S.A. (72)Name of Inventor : 1)HUI Dennis 2)TULLBERG Hugo
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(57) Abstract :

Systems and methods for link adaptation for a multi hop route in a wireless mesh network (10) are disclosed. In one embodiment a wireless mesh network (10) includes network nodes (12 14) in a route through the wireless mesh network (10). The network nodes (12 14) determine a bottleneck information flow rate for the route based on backward propagation of information indicative of a tentative bottleneck information flow rate for the route from an ending network node (12) to a starting network node (14) through one or more intermediate network nodes (12). A target information flow rate for the route that is less than or equal to the bottleneck information flow rate for the route other than the ending network node (12) based on forward propagation of information indicative of the target information flow rate for the route other than the ending network node (12) based on forward propagation of information indicative of the target information flow rate for the route.

No. of Pages : 59 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :22/04/2015

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L29/06 :NA :NA :NA :PCT/CN2012/082377 :28/09/2012 :WO 2014/047899 :NA :NA :NA :NA	 (71)Name of Applicant : 1)OPTIS CELLULAR TECHNOLOGY LLC Address of Applicant :P.O. Box 250649 Plano Texas 75025 U.S.A. 2)FAN Rui (72)Name of Inventor : 1)QIAN Yu 2)LU Qianxi 3)W,,NSTEDT Stefan
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(54) Title of the invention : METHOD AND APPARATUS FOR SCHEDULING CONTROL

(57) Abstract :

Methods and apparatuses for scheduling control have been provided wherein a method for a scheduling request at a user equipment may comprise: starting a timer for delaying triggering of a scheduling request in response to receiving an uplink grant to be requested by the scheduling request before the expiry of the timer stopping the timer; and cancelling the triggering of the scheduling request upon the stopping of the timer. Thus by delaying or even cancelling trigger of a scheduling request the resources consumption of scheduling request transmission may be reduced.

No. of Pages : 31 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MITIGATION OF INTERFERENCE FROM A MOBILE RELAY NODE TO HETEROGENEOUS NETWORKS

(32) Priority Date:05/10/2012(33) Name of priority country <td:u.s.a.< td="">(86) International Application No:PCT/IB2013/002192</td:u.s.a.<>	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor : 1)BOUDREAU Gary David 2)DIMOU Konstantinos
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(57) Abstract :

Devices systems and methods for mitigating the interference introduced by mobile relay nodes in a heterogeneous network are described. The techniques described apply fractional frequency reuse and power controlled beamforming to mitigate such interference.

No. of Pages : 38 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :23/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : COATED ALUMINUM STRIP AND METHOD FOR MANUFACTURING

(51) International classification	:C25D11/02,C25D11/24,C23C28/04	(71)Name of Applicant : 1)HYDRO ALUMINIUM ROLLED PRODUCTS GMBH
(31) Priority Document No	:12190670.5	Address of Applicant : Aluminiumstrasse 1 41515
(32) Priority Date	:30/10/2012	Grevenbroich Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication No 	:29/10/2013	1)HØYER Thorleif 2)LACAU Anica 3)DENKMANN Volker 4)SIEMEN Andreas
 (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 method for manufacturing a strip made of aluminum or an aluminum alloy as well as to a coated aluminum or aluminum alloy strip a formed metal part made of said aluminum or aluminum alloy strip as well as to an apparatus for carrying out the inventive method. The object of the present invention to provide a method for manufacturing an aluminum strip or an aluminum alloy strip which can be formed into a coated products with an improved corrosion resistance with low defective products is solved by a method for manufacturing a strip made of aluminum or an aluminum alloy comprising the steps of : degreasing and anodizing the surface of the strip by immersing the strip in an acid electrolyte bath and applying AC current optionally followed by a desmutting step and applying a passivation layer on the surface of the strip by a no rinse coil coating process.

No. of Pages : 26 No. of Claims : 17

(21) Application No.1127/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :23/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : USER FUNCTION OPERATION METHOD AND ELECTRONIC DEVICE SUPPORTING THE SAME (51) International classification :G06F9/44,G06F3/01 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. (31) Priority Document No :61/726711 Address of Applicant :129 Samsung ro Yeongtong gu Suwon (32) Priority Date :15/11/2012 (33) Name of priority country si Gyeonggi do 443 742 Republic of Korea :U.S.A. :PCT/KR2013/010431 (72)Name of Inventor : (86) International Application No 1)PARK Sung Jae Filing Date :15/11/2013 (87) International Publication No :WO 2014/077637 2)PARK Young Joo (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A user function operation method and an electronic device supporting the same are provided. The user function operation method includes executing a user function according to at least one of a selection event and a preset execution cycle by loading program data realizing the user function on a memory and starting a timer outputting information collected during execution of the user function and removing upon expiration of the timer the program data from the memory while sustaining information output by the user function.

No. of Pages : 63 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND COMPOSITIONS FOR PROCESSING BIOMASS WITH ELEVATED LEVELS OF STARCH

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:C12N15/82,C12N15/87,C07H21/04 :61/726301 :14/11/2012	 (71)Name of Applicant : 1)AGRIVIDA INC. Address of Applicant :200 Boston Avenue Suite 2975 Medford Massachusetts 02155 U.S.A.
(33) Name of priority country		(72)Name of Inventor :
 (86) International Application No Filing Date (87) International Publication 	:PCT/US2013/070184 :14/11/2013	1)LESSARD Philip A. 2)LANAHAN Michael 3)SAMOYLOV Vladimir 4)BOUGRI Oleg 5)EMERY Jonas
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	6)RAAB R. Michael 7)ZHANG Dongcheng

(57) Abstract :

Genetically engineered plants having altered levels of one or more starch regulation enzymes and a polysaccharide degrading enzyme are provided. Methods of genetically engineering plants to express products altering expression of one or more starch regulation enzymes and polysaccharide degrading degrading enzymes and genetic constructs are provided. Methods of agricultural processing and animal feed using the genetically engineered plants are described.

No. of Pages : 845 No. of Claims : 53

(19) INDIA

(22) Date of filing of Application :29/04/2015

(43) Publication Date : 08/01/2016

 (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 Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan 2)DAIKIN EUROPE N.V. (72)Name of Inventor : 1)HONDA Masahiro 2)MATSUOKA Shinya 	(54) Title of the invention : AIR CONDIT	IONER	
(62) Divisional to Application Number :NA Filing Date :NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F24F11/02 :NA :NA :NA :PCT/JP2012/076934 :18/10/2012 :WO 2014/061130 :NA :NA :NA	 1)DAIKIN INDUSTRIES LTD. Address of Applicant :Umeda Center Building 4 12 Nakazaki Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan 2)DAIKIN EUROPE N.V. (72)Name of Inventor : 1)HONDA Masahiro

(57) Abstract :

An air conditioner (1): comprises a refrigerant circuit (10) configured by connecting a plurality of indoor units (4a 4b) to an outdoor unit (2); and further comprises a capacity control means (81) and a target refrigerant variable temperature means (84). The capacity control means (81) controls the air conditioning capacity of the outdoor unit (2) in such a manner that the evaporation temperature or condensation temperature of a refrigerant in the refrigerant circuit (10) attains a target evaporation temperature or a target condensation temperature or target refrigerant variable temperature means (84) performs slow speed variable control in which the target evaporation temperature and a set temperature and if the temperature difference exceeds a threshold temperature difference and the number of indoor units (4a 4b) in operation temperature or target condensation temperature is forcibly changed to a rapid tracking evaporation temperature or a target condensation temperature or target condensation temperature and set temperature and if the target refrigerant variable temperature means (84) performs rapid variable control in which the target evaporation temperature or target condensation temperature is forcibly changed to a rapid tracking evaporation temperature or a rapid tracking condensation temperature.

No. of Pages : 53 No. of Claims : 4

(21) Application No.1016/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SELECTION OF ACCESS POINTS FOR COORDINATED MULTIPOINT UPLINK 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 	:H04W48/00,H04W36/00 :NA :NA :NA :PCT/SE2012/051112 :17/10/2012 :WO 2014/062104	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor : 1)HESSLER Martin 2)FURUSKÄR Anders
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The proposed technology involves a mechanism for selecting for a user access points for coordinated multipoint (COMP) uplink reception. The method comprises obtaining (S1) for each of a number of candidate access points at least one uplink measurement result. The method also involves combining (S2) candidate access points to form at least two different sets of access points from the candidate access points. The method comprises estimating (S3) for each one of the at least two different sets of access points an uplink quality measure based on the uplink measurement results of the considered set of access points and determining (S4) for each one of the at least two different sets of access points a measure representative of the number of transmission opportunities available to the user for the considered set of access points to use for COMP uplink reception based on the uplink quality measure and the measure representative of the number of transmission opportunities available to the user over the given period of time.

No. of Pages : 54 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :20/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:F15B19/00	(71)Name of Applicant :
(31) Priority Document No	:13150332.8	1)ALFA LAVAL CORPORATE AB
(32) Priority Date	:04/01/2013	Address of Applicant : P. O. Box 73 S 221 00 Lund Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/075999	1)ANDERSEN Jens Christian Folkmar
Filing Date	:10/12/2013	2)MADSEN Karsten Schack
(87) International Publication No	:WO 2014/106563	3)REHHOFF Kenneth
(61) Patent of Addition to Application	:NA	4)HENRIKSEN Axel Lund
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : CONTROL UNIT FOR A VALVE ACTUATOR

(57) Abstract :

A control unit for a valve actuator comprising a fluid line (29) a pressure sensor (31) and a control valve (47) configured to open and close the fluid line (29) for activating and de activating the actuator (5) and a processing unit (40) that is configured to when the control valve (47) is in an activation mode: initiate if a pressure read by the pressure sensor (31) is above a first pressure value that is representative of activation of the valve actuator (5) a signal that is indicative of successful activation of the actuator (5) and initiate if the pressure is equal to or below the first pressure value a signal that is indicative of unsuccessful activation of the actuator (5).

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

(19) INDIA

(22) Date of filing of Application :24/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : TEMPERATURE MEASURING SYSTEM AND ABNORMALITY DETECTING 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 	:NA :NA :PCT/JP2012/077782 :26/10/2012 :WO 2014/064845 :NA	 (71)Name of Applicant : 1)FUJITSU LIMITED Address of Applicant :1 1 Kamikodanaka 4 chome Nakahara ku Kawasaki shi Kanagawa 2118588 Japan (72)Name of Inventor : 1)UNO Kazushi 2)TAKEI Fumio 3)KASAJIMA Takeo 4)TADAKI Kyouko
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

[Problem] To provide a temperature measuring system and abnormality detecting method capable of detecting at an early stage abnormalities occurring at facilities such as chemical plants oil refineries and fossil fuel power plants. [Solution] A temperature measuring system has an optical fiber (30) a temperature distribution measuring device (31) and a data processing device (32). The temperature distribution measuring device (31) detects backscattered light by inputting light to the optical fiber (30) and acquires the temperature distribution along the lengthwise direction of the optical fiber (30) from those detection results. The data processing device (32) stores the temperature distribution acquired with the temperature distribution measuring device (31) and by calculating the differential of the current temperature distribution and a past temperature distribution and performing signal processing with respect to the acquired differential temperature distribution determines the presence of abnormalities from those results.

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

(19) INDIA

(22) Date of filing of Application :29/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CUTTING TOOL AND REPLACEABLE CUTTING HEAD HAVING SPIRAL DRIVEN SURFACES 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 	:B23C5/10,B23B31/113,B23B31/117 :13/714024 :13/12/2012 :U.S.A. :PCT/IL2013/050983 :28/11/2013 :WO 2014/091477 :NA :NA :NA	 (71)Name of Applicant : 1)ISCAR LTD. Address of Applicant :P.O. Box 11 24959 Tefen Israel (72)Name of Inventor : 1)HECHT Gil
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(57) Abstract :

A replaceable cutting head (22) includes a forward cutting portion (26) and a rearward mounting portion (28). The mounting portion includes a male coupling member (40) that protrudes rearwardly from a base surface (42). The male coupling member includes three circumferentially spaced apart head fixation members (44) where each head fixation member has a head peripheral surface (46) that spirals inwardly in a direction against the direction of rotation (R) and diverges. A tool holder (24) includes a female coupling member (52) extends rearwardly from; a holder forward surface (54). The female coupling member includes three circumferentially spaced apart holder fixation members (56) where each holder fixation member has a holder peripheral surface (58) that diverges rearwardly. When a cutting tool (20) which includes said cutting head and tool holder is in a locked position the male coupling member of the replaceable cutting head is removably retained within the female coupling member of the tool holder by means of a self lock mechanism.

No. of Pages : 32 No. of Claims : 29

(22) Date of filing of Application :23/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : INTERFERENCE AWARE DETECTION METHOD AND APPARATUS FOR USE IN 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 Filing Date 	:1020120123349 :02/11/2012 :Republic of Korea	 (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)KIM Younsun 2)KIM Youngbum 3)LEE Juho 4)LEE Hyojin 5)CHO Joonyoung 6)JI Hyoungju
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(57) Abstract :

Methods and apparatus are provided for transmitting and receiving control information for interference detection by a User Equipment (UE) in a wireless communication system. A base station determines whether the UE supports interference aware detection. When the UE supports interference aware detection the control information is generated that includes interference signal modulation scheme information and demodulation reference signal measurement information. The control information is transmitted to the UE. The interference at the UE is measured based on the received control information.

No. of Pages : 57 No. of Claims : 28

(21) Application No.1200/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:B01F13/10	(71)Name of Applicant :
(31) Priority Document No	:UD2012A000169	1)COROB S.P.A. CON SOCIO UNICO
(32) Priority Date	:11/10/2012	Address of Applicant : Via dell Agricoltura 103 I 41038 San
(33) Name of priority country	:Italy	Felice Sul Panaro (MO) Italy
(86) International Application No	:PCT/IB2013/002264	(72)Name of Inventor :
Filing Date	:10/10/2013	1)BETTINI Marcello
(87) International Publication No	:WO 2014/057341	
(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 : DISTRIBUTION DEVICE FOR COLORING PRODUCTS

(57) Abstract :

Distribution device for coloring products comprising a collector (10) for dispensing nozzles (11) and corresponding nozzles (11) mounted thereon. The collector (10) comprises a containing body (12) provided with one or more through cavities (13). In correspondence with one end (14) associated to an external surface (12a) the containing body (12) is provided with a positioning element (15). The containing body (12) is provided with a seating (16) inside the external surface (12a) disposed at the end of each of the through cavities (13) defining a wider portion with respect to the cross section of the corresponding through cavity (13).

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

(19) INDIA

(22) Date of filing of Application :29/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:A61B17/04	(71)Name of Applicant :
(31) Priority Document No	:61/727373	1)EAVES Felmont F.
(32) Priority Date	:16/11/2012	Address of Applicant :1065 Peachtree Street #3705 Atlanta
(33) Name of priority country	:U.S.A.	GA 30309 U.S.A.
(86) International Application No	:PCT/US2013/069467	(72)Name of Inventor :
Filing Date	:11/11/2013	1)EAVES Felmont F.
(87) International Publication No	:WO 2014/078237	
(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 : FIXATION DEVICE FOR SECURING A LINEAR ELEMENT TO A WORKPIECE

(57) Abstract :

A fixation device for securing a linear element to a workpiece includes a contact component and a fixation component. The contact component typically includes (i) a first contact surface for application to a workpiece and (ii) a first opening for receiving a linear element. The fixation component typically secures a portion of the linear element on a side of the first contact component opposite the first contact surface. The fixation component engages the contact component to prevent passage of the linear element s s secured portion through the workpiece when a tension is applied to the linear element in a direction opposite the contact surface.

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

(22) Date of filing of Application :29/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SWITCHING DEVICE

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:H01H9/34,H01H9/44,H01H33/664 :10 2012 222 328.2 :05/12/2012	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 München Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2013/074356 :21/11/2013	1)FREUNDT Karsten
(87) International Publication No	:WO 2014/086587	
(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 switching device comprising a contact system which is made of a movable contact that can be moved along a direction of movement and a fixed contact and comprising an arc extinguishing device. The aim of the invention is to design such a switching device so as to have improved arc extinguishing properties. This is achieved by a switching device (1) comprising a contact system (4) which is made of a movable contact (7) that can be moved along a direction (12) of movement and a fixed contact (5) and comprising an arc extinguishing device with an arrangement (13) for generating a magnetic field formed on a plane perpendicular to the direction (12) of movement and with an electrode arrangement made of a first electrode (16) connected to the movable contact (7) in a conductive manner and a second electrode (18) connected to the fixed contact in a conductive manner wherein the first electrode (16) and the second electrode (18) are arranged such that an electric field can be generated between the first electrode (16) and the second electrode (18) perpendicularly to the direction (12) of movement and perpendicularly to the magnetic field.

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

(19) INDIA

(22) Date of filing of Application :22/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H04L1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang District Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/081983	(72)Name of Inventor :
Filing Date	:26/09/2012	1)WU Yong
(87) International Publication No	:WO 2014/047797	2)REN Xiaotao
(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 : CHANNEL STATE INFORMATION MEASUREMENT METHOD DEVICE AND SYSTEM

(57) Abstract :

The present invention relates to the field of communications. Disclosed are a channel state information measurement method device and system the method comprising: a base station (BS) transmits multiple sets of channel state indication reference signal (CSI RS) resources; notifying a user equipment (UE) of the aggregation mode of the CSI RS resources such that the UE can aggregate according to the aggregation mode of the CSI RS resources the multiple sets of CSI RS resources to form a measurement source and then measure the CSI of a channel corresponding to a CSI RS port on the measurement source. The system comprises a base station and a user equipment; the base station comprises a transmitting module and a notification module; and the user equipment comprises a receiving module a confirmation module an aggregation module and a measurement module. The present invention uses a BS to notify a UE of the aggregation mode of transmitted multiple sets of CSI RS resources so as to allow the UE to aggregate the multiple sets of CSI RS resources and measure the CSI such that large scale aerial arrays located on the same node can provide each port with the capability of jointly measuring the CSI thus increasing CSI measurement precision.

No. of Pages : 66 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H04W8/02.H04W92/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :SE 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2012/069770	1)DONG Mei
Filing Date	:05/10/2012	2)ZHU Dongmei
(87) International Publication No	:WO 2014/053193	3)QU Zhiwei
(61) Patent of Addition to Application	:NA	4)YANG Yong
Number	:NA :NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : REPORT OF SERVING NETWORK TIME ZONE AND UCI

(57) Abstract :

The embodiments herein relate to a method in a mobility management node (101 1011) for handling information in a network (100). The node (101 1011) is associated with a wireless device (103) being served by a serving network (100 100t). The node obtains information about that at least one of the serving network (100 100t) and a time zone and a UCI has been changed for the device (103) and information about that the change has not been transmitted to a SGW (105). When at least one of the serving network and the time zone and the UCI has been changed and information about the change has not been transmitted to the SGW (105) the node transmits the information about at least one of the changed serving network and time zone and UCI to the SGW (105) enabling the SGW (105) to forward this information to a PGW (108).

No. of Pages : 53 No. of Claims : 30

(21) Application No.1196/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : INTEIN MODIFIED PROTEASES THEIR PRODUCTION AND INDUSTRIAL APPLICATIONS

(51) International classification :C12N15/00,C12P21/06,C12N9/64		(71)Name of Applicant :
(31) Priority Document No	:61/744863	1)AGRIVIDA INC.
(32) Priority Date	:03/10/2012	Address of Applicant :200 Boston Avenue Suite 2975
(33) Name of priority country	:U.S.A.	Medford Massachusetts 02155 U.S.A.
(86) International Application	:PCT/US2013/063304	(72)Name of Inventor :
No	:03/10/2013	1)RAAB R. Michael
Filing Date	.05/10/2015	2)SHEN Binzhang
(87) International Publication	:WO 2014/055782	3)LAZAR Gabor
No		4)DE LA VEGA Humberto
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

Methods for producing intein modified proteases are provided. Expression cassettes and vectors for using to genetically engineer hosts are described. Hosts genetically engineered to express one or more intein modified proteases using expression cassettes and vectors of the invention are also provided. Methods to produce a protease and regulate its activity are described.

No. of Pages : 963 No. of Claims : 57

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SEGMENT WISE ADJUSTMENT OF SPATIAL AUDIO SIGNAL TO DIFFERENT PLAYBACK LOUDSPEAKER SETUP

(51) International classification	:H04S5/00	(71)Name of Applicant :
(31) Priority Document No	:61/726878	1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG
(32) Priority Date	:15/11/2012	DER ANGEWANDTEN FORSCHUNG E.V.
(33) Name of priority country	:U.S.A.	Address of Applicant :Hansastraße 27c 80686 München
(86) International Application No	:PCT/EP2013/073482	Germany
Filing Date	:11/11/2013	2)TECHNISCHE UNIVERSITÄT ILMENAU
(87) International Publication No	:WO 2014/076030	(72)Name of Inventor :
(61) Patent of Addition to Application	:NA	1)ADAMI Alexander
Number	:NA :NA	2)HERRE Jürgen
Filing Date	.INA	3)KUNTZ Achim
(62) Divisional to Application Number	:NA	4)DEL GALDO Giovanni
Filing Date	:NA	5)KÜCH Fabian

(57) Abstract :

Apparatus (100) for adapting a spatial audio signal (2) for an original loudspeaker setup to a playback loudspeaker setup that differs from the original loudspeaker setup. The apparatus comprises a direct ambience decomposer (130) that is configured to decomposing channel signals in a segment of the original loudspeaker setup into direct sound (D) and ambience components (A) and to determine a direction of arrival of the direct sound components. A direct sound renderer (150) receives a playback loudspeaker setup information and adjusts the direct sound components (D) using the playback loudspeaker setup information so that a perceived direction of arrival of the direct sound components in the playback loudspeaker setup is substantially identical to the direction of arrival of the direct sound components. A combiner (180) combines adjusted direct sound components and possibly modified ambience components to obtain loudspeaker signals for loudspeakers of the playback loudspeaker setup.

No. of Pages : 46 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :23/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:C22B1/20,F27B21/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country	:NA	ku Tokyo 1000011 Japan
(86) International Application No	:PCT/JP2012/080037	(72)Name of Inventor :
Filing Date	:20/11/2012	1)IWAMI Yuji
(87) International Publication No	:WO 2014/080450	2)IWASAKI Katsuhiro
(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 : OXYGEN GAS FUEL SUPPLY DEVICE FOR SINTERING MACHINE

(57) Abstract :

An oxygen gas fuel supply device for a sintering machine for: drawing in and introducing to a loading layer using a window box installed below the palette air obtained by injecting and enriching oxygen into an atmosphere in a hood provided above a raw material loading layer downstream of an ignition furnace and supplying a gas fuel diluted to or below a combustion lower limit concentration; and burning the gas fuel and a carbonaceous material in the loading layer and manufacturing a sintered ore. Baffle plates are disposed in the hood at the intermediate portion in the height direction of the hood the baffle plates being disposed as a plurality of rows of mountain shaped plate material so that gaps are present in the horizontal direction and as a plurality of layers in the vertical direction so that the gap sections are arranged in a staggered manner. Gas fuel supply pipes for supplying the gas fuel into the air are disposed below the baffle plates. Oxygen supply pipes in which at least the portion disposed in the hood is made of a copper alloy and/or a Ni alloy are disposed above the baffle plates.

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

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:H04M1/02,H04N17/00 :201310331948.0 :01/08/2013 :China	 (71)Name of Applicant : 1)XIAOMI INC. Address of Applicant :Floor 13 Rainbow City Shopping Mall II of China Resources No. 68 Qinghe Middle Street Haidian
•		
	:01/08/2013	
(33) Name of priority country	:China	II of China Resources No. 68 Qinghe Middle Street Haidian
(86) International Application No	:PCT/CN2014/072283	District Beijing 100085 China
Filing Date	:20/02/2014	(72)Name of Inventor :
(87) International Publication No	:WO 2015/014119	1)GAO Yuan
(61) Patent of Addition to Application	:NA	2)ZHANG Shuo
Number		3)LI Shibo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(54) Title of the invention : OPTICAL CENTER CALIBRATION METHOD AND DEVICE

(57) Abstract :

Disclosed are an optical center calibration method and device. According to the method steps (100 200 300) of adjusting the position of a camera (3) are added after a step of fixedly arranging a view window cover plate (2) and pre assembling the camera (3); and in the steps of adjusting the position of the camera the optical center (8) position of the camera is adjusted by taking the center (9) of an external view window on the view window cover plate (2) as reference so as to realize that the optical center (8) of the camera and the center (9) of the external view window meet the concentricity requirement. By adopting the method each telephone can achieve a very high centering effect no problem of scrapping is caused and the problem of improved rejection rate caused by serious deviation in concentricity of the optical center of the camera and the center of the external view window is solved. The device comprises a projector (7) a computer (6) and an adjusting assembly (5). The device is simple in operation; and each telephone can achieve a very high centering effect through the device.

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

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MOBILE TERMINAL RESOURCE PROCESSING METHOD DEVICE AND APPARATUS

(57) Abstract :

The present disclosure relates to a mobile terminal resource processing method device and apparatus which relate to the field of communications. The method comprises: sending by a client computer a resource processing request to a server the resource processing request comprising a resource ID and a resource processing manner; receiving a resource storage address and a first indication which are returned by the server wherein the first indication comprises an ID of an interface of a mobile terminal APP and the first indication is used for indicating that a mobile terminal invokes an interface processing resource of the mobile terminal APP; and downloading the resource from the resource storage address and sending the downloaded resource and the first indication to the mobile terminal invokes the interface of the mobile terminal APP to process the resource. The device comprises: a sending module a first receiving module and a downloading module. The device comprises: a second receiving module and a return module. The device comprises: a third receiving module and an invocation module. The apparatus comprises the client computer the server and the mobile terminal. The present disclosure enables the process for a mobile terminal to process a mobile terminal resource to be simple.

No. of Pages : 51 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :20/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SUSTAINED RELEASE LIPID PRE CONCENTRATE OF CATIONIC PHARMACOLOGICALLY ACTIVE SUBSTANCE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME

(51) International classification	:A61K9/20,A61K9/08,A61K9/06	
(31) Priority Document No	:1020120157562	1)CHONG KUN DANG PHARMACEUTICAL CORP.
(32) Priority Date	:28/12/2012	Address of Applicant :8 Chungjeong ro Seodaemun gu Seoul
(33) Name of priority country	:Republic of Korea	120 756 Republic of Korea
(86) International Application	:PCT/KR2013/012259	(72)Name of Inventor :
No	:27/12/2013	1)YU Ha Na
Filing Date	.27/12/2013	2)BAIK Hye Jung
(87) International Publication No:WO 2014/104784		3)YANG Won Kyu
(61) Patent of Addition to	:NA	4)KO Jin Young
Application Number		5)JUNG Sung Bum
Filing Date	:NA	6)AN Sung Won
(62) Divisional to Application	. NT A	7)KI Min Hyo
Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a sustained release lipid pre concentrate comprising: a) at least one liquid crystal former; b) at least one neutral phospholipid; c) at least one liquid crystal hardener; and d) at least one anionic anchoring agent wherein the sustained release pre concentrate exists as a lipid liquid phase in the absence of aqueous fluid and forms into a liquid crystal upon exposure to aqueous fluid. The sustained release lipid pre concentrate is configured to enhance the sustained release of cationic pharmacologically active substance through ionic interaction between the anionic anchoring agent and the cationic pharmacologically active substance.

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

(19) INDIA

(22) Date of filing of Application :20/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : EXPANDABLE WASTE INK RECEPTACLE FOR MICRO FLUID SUPPLY ITEM :B41J2/175,B41J2/185 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)FUNAI ELECTRIC CO. LTD. :13/626921 (32) Priority Date Address of Applicant :7 7 1 Nakagaito Daito shi Osaka :26/09/2012 (33) Name of priority country :U.S.A. 5740013 Japan (86) International Application No (72)Name of Inventor: :PCT/IB2013/002750 Filing Date :26/09/2013 1)VIVAS Robin Ian Paran (87) International Publication No :WO 2014/049441 2)EDOMBINGO Miguel A. (61) Patent of Addition to Application 3)ABANTO Jeffrey G. :NA Number 4)ESCUNA Sulpecio H. :NA Filing Date 5)LARROBIS Michael R. (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A consumable supply item for an imaging device holds an initial or refillable volume of fresh fluid for use in an imaging device A housing defines an interior having an expandable fluid receptacle to receive waste fluid from the imaging device. As the fresh fluid depletes in the interior over time the fluid receptacle expands as it accommodates waste fluid. In this way a single container can both 1) supply fresh fluid and 2) retrieve waste fluid. When full of fresh fluid initially the fluid receptacle is empty in a compressed state. Upon fresh fluid leaving the container for the imaging device waste fluid can begin filling the receptacle. Upon depletion of fresh fluid the container is full of waste fluid. The container is ready for disposal or recycling.

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

(19) INDIA

(22) Date of filing of Application :20/04/2015

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04W40/16 :61/705679 :26/09/2012 :U.S.A. :PCT/IB2013/058863 :25/09/2013 :WO 2014/049542	 (71)Name of Applicant : 1)OPTIS CELLULAR TECHNOLOGY LLC Address of Applicant :P.O. Box 250649 Plano TX 75025 U.S.A. (72)Name of Inventor : 1)HUI Dennis 2)BALACHANDRAN Kumar
(33) Name of priority country		
(86) International Application No	:PCT/IB2013/058863	(72)Name of Inventor :
Filing Date	:25/09/2013	1)HUI Dennis
(87) International Publication No	:WO 2014/049542	2)BALACHANDRAN Kumar
(61) Patent of Addition to Application	:NA	3)BALDEMAIR Robert
Number	:NA :NA	4)AXNÄS Johan
Filing Date	.11/2	5)TULLBERG Hugo
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : METRIC COMPUTATION FOR INTERFERENCE AWARE ROUTING

(57) Abstract :

Systems and methods for computing and/or utilizing mutual information based link metrics for a link in a wireless mesh network are disclosed. In one embodiment one or more mutual information values are computed for a link between a transmitter of a first network node and a receiver of a second network node in a wireless mesh network. Each of the one or more mutual information values is computed for a different hypothesized transmission mode for the link. One or more link metrics for the link are computed as a function of the mutual information values where each link metric is computed based on a different one of the one or more mutual information walues. In this manner a link metric is computed for each of the one or more hypothesized transmission modes for the link. At least one of the link metrics are then provided to a routing update module.

No. of Pages : 54 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MAST ARM FOR A CONCRETE DISTRIBUTOR MAST AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B66C23/64,E02F3/38,E04G21/04 :10 2012 224 340.2 :21/12/2012 :Germany	 (71)Name of Applicant : 1)PUTZMEISTER ENGINEERING GMBH Address of Applicant :Max Eyth Strasse 10 72631 Aichtal Germany
 (86) International Application No Filing Date (87) International Publication No 	:PCT/EP2013/076980 :17/12/2013 :WO 2014/095926	(72)Name of Inventor : 1)FÜGEL Dietmar 2)WESTERMANN Karl
 (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 mast arm for a concrete distributor mast comprising an elongated box profile support (18) composed in at least some sections of a lower belt (22) an upper belt (20) and two lateral walls (24 26) that connect the belts (20 22) and comprising at least one partition sheet metal element (28) arranged in a hollow cross section of the box profile support (18) the partition sheet metal element (28) being welded to the box profile support (18) along longitudinal welding joints (44) running along the box profile support (18).

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

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MEASURING A FIBRE DIRECTION OF A CARBON FIBRE MATERIAL AND PRODUCING AN **OBJECT IN A CARBON FIBRE COMPOSITE CONSTRUCTION**

(32) Priority Date	:G01N21/84,B29C70/38,B29C70/54 :10 2012 220 923.9 :15/11/2012	 (71)Name of Applicant : 1)FRAUNHOFER GESELLSCHAFT ZUR F-RDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant :Hansastrasse 27c 80686 M¹/₄nchen
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date filing Date 	¹ :PCT/EP2013/073719 :13/11/2013	Germany 2)FRIEDRICH ALEXANDER UNIVERSIT,,T ERLANGEN NRNBERG (72)Name of Inventor : 1)ERNST J¼rgen 2)JUNGER Stephan 3)TSCHEKALINSKIJ Wladimir

(57) Abstract :

ABAccording to the invention the fibre direction of a carbon fibre material of an object (10) which is to be tested is detected using the polarisation direction of light (32) reflected by the object which is to be tested. If unpolarised light (30) for example is incident on carbon fibres (16) the light reflected by the fibres is polarised in the fibre direction (34 34).

No. of Pages : 21 No. of Claims : 18

(22) Date of filing of Application :28/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H04B 1/40	(71)Name of Applicant :
(31) Priority Document No	:10-2014-0076696	1)LG ELECTRONICS INC.
(32) Priority Date	:23/06/2014	Address of Applicant :128, YEOUI-DAERO,
(33) Name of priority country	:Republic of Korea	YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF
(86) International Application No	:PCT/KR2014/007831	KOREA
Filing Date	:22/08/2014	(72)Name of Inventor :
(87) International Publication No	: NA	1)SON, HYUNA
(61) Patent of Addition to Application	:NA	2)PARK, JAEO
Number		3)LEE, JANGIK
Filing Date	:NA	4)KIM, YURIM
(62) Divisional to Application Number	:NA	5)CHUNG, WOOCHEOL
Filing Date	:NA	
·		1

(54) Title of the invention : MOBILE TERMINAL AND METHOD OF CONTROLLING THE SAME

(57) Abstract :

Provided is a mobile terminal including: a main body; a display unit that is arranged to the main body and to which screen information is output; a sensing unit that senses a gesture that is applied to a region outside of the main body; and a controller that performs a function associated with at least one portion of the screen information that is output to the display unit if a predetermined-type gesture is applied to the region outside of the main body.

No. of Pages : 119 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ENGINE UNIT AND 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 	:PCT/JP2013/082302 :21/11/2013 :WO 2014/084393 :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)NISHIKAWA Takahiro 2)HINO Haruyoshi 3)FURUTA Hideki
Number Filing Date	:NA :NA	

(57) Abstract :

Provided is an engine unit that achieves improvement in both engine startability and vehicle mountability without use of a swing-back function and a decompression function, and, when used in combination with the swing-back function and/or the decompression function, achieves further improvement in the engine startability and the vehicle mountability. An engine unit mounted to a vehicle includes a starter motor. A flywheel provided in the starter motor includes magnetic pole faces that are provided on inner circumferential surfaces of permanent magnet parts with respect to a radial direction of the starter motor. The magnetic pole faces is more than 2/3 of the number of slots. At least at a time of starting a four-stroke engine body, a control device changes a current supplied to a winding of each phase, to thereby enable the flywheel to rotate with overcoming of a high-load region.

No. of Pages : 66 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CHARACTER SELECTION METHOD AND APPARATUS AND TERMINAL 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 	:PCT/CN2014/077098 :09/05/2014 :WO 2015/043192 :NA :NA	 (71)Name of Applicant : 1)XIAOMI INC. Address of Applicant :Floor 13 Rainbow City Shopping Mall of China Resources No. 68 Qinghe Middle Street Haidian District Beijing 100085 China (72)Name of Inventor : 1)ZUO Jinglong 2)XU Guoshi 3)ZHANG Shaowei
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(57) Abstract :

Disclosed are a character selection method and apparatus and a terminal device. The method comprises the following steps: detecting whether a contact of a touchscreen operation for selecting a character falls in a text node or not; when the contact does not fall in the text node searching for a text node having the shortest distance from the contact; and using a character having the shortest distance from the contact. In the present disclosure when a contact of a touchscreen operation for selecting a character does not fall in a text node a character having the shortest distance from the contact in a text node having the contact is used as a character selected by the contact and therefore it is achieved that when the contact does not fall on a character the character selected by the touchscreen operation can also be provided so that a user is prevented from conducting selection repeatedly thereby providing convenience for the user.

No. of Pages : 50 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :19/08/2011

(43) Publication Date : 08/01/2016

(54) Title of the invention : FLUID-WOR	KING MACHINE AND	METHOD OF OPERATING A FLUID-WORKING MACHINE
(51) International classification	:F04B 49/10	(71)Name of Applicant :
(31) Priority Document No	:1003005.4	1)ARTEMIS INTELLIGENT POWER LIMITED
(32) Priority Date	:23/02/2010	Address of Applicant :UNIT 3, EDGEFIELD INDUSTRIAL
(33) Name of priority country	:U.K.	ESTATE, EDGEFIELD ROADLOANHEAD, MIDLOTHIAN,
(86) International Application No	:PCT/GB2011/050360	EH20 9TB UNITED KINGDOM
Filing Date	:23/02/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/104549	1)RAMPEN WILLIAM HUGH SALVIN
(61) Patent of Addition to Application	:NA	2)CALDWELL NIALL JAMES
Number	:NA :NA	3)LAIRD STEPHEN MICHAEL
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of operating a fluid-working machine having a plurality of working chambers of cyclically varying volume in which each working chamber is operable to displace a volume of working fluid which is selectable for each cycle of working chamber volume. The volume of working fluid displaced during each cycle of working chamber volume, to carry out a working function, is selected taking into account the availability of other working chambers. The status of each working chamber is monitored and a working chamber treated as unavailable if it is found to be malfunctioning. A working chamber may be treated as unavailable to carry out a working function if it is allocated to an alternative working function. A fault may be detected in a working chamber of a fluid-working machine having working chambers operable to displace a volume of working fluid which is selectable for each cycle of working chamber of the fluid working machine fulfils at least one acceptable function criterion taking into account the previously selected net displacement of working fluid by a working chamber during a cycle of working chamber volume to carry out the working function.



No. of Pages : 66 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : USER EQUIPMENT AND METHOD FOR ESTIMATING AN INTER CELL INTERFERENCE

(51) International classification (31) Priority Document No	:H04W28/04,H04B7/04,H04W72/08 :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building
(32) Priority Date	:NA	Bantian Longgang Shenzhen Guangdong 518129 China
(33) Name of priority country	:NA	2)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(86) International Application No Filing Date	:PCT/EP2012/076842 :21/12/2012	(72)Name of Inventor :1)THIELE Lars2)BÖRNER Kai
(87) International Publication	ⁿ :WO 2014/094916	3)KURRAS Martin 4)DOMMEL Johannes
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)OLBRICH Michael 6)HAUSTEIN Thomas 7)SCHELLMANN Malte
(62) Divisional to Application Number Filing Date	:NA :NA	8)SCHULZ Egon 9)ZHANG Jiayin 10)MA Ni

(57) Abstract :

A user equipment UE (4) registered with an anchor cell base station (3 0) of an anchor cell (2 0) of a cellular wireless network (1) the UE (4) comprising a determination unit being adapted to predict an inter cell interference ICI at the UE (4) caused by base stations (3 1 to 3 6) of neighbouring cells (2 1 to 2 6) depending on precoding matrix indicators PMIs of precoding matrices PMs the PMIs being exchanged between the anchor cell base station (3 0) of the anchor cell (2 0) and the base stations (3 1 to 3 6) of the neighbouring cells (2 1 to 2 6).

No. of Pages : 46 No. of Claims : 14

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : RADIO TRANSCEIVER

(51) International classification	:H04B1/38,H04B1/52	(71)Name of Applicant :
(31) Priority Document No	:12187189.1	1)TELEFONAKTIEBOLAGET L M ERICSSON (publ)
(32) Priority Date	:04/10/2012	Address of Applicant :SE 164 83 Stockholm Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/070545	1)SUNDSTRÖM Lars
Filing Date	:02/10/2013	2)WALLÉN Anders
(87) International Publication No	:WO 2014/053544	3)MATTISSON Sven
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A radio transceiver circuit (10) for FDD communication is disclosed. It comprises a transmitter (20) for FDD signal transmission in a first frequency band a first receiver (25) for FDD signal reception in a second frequency band separate from the first frequency band and a duplexer (30). An output port (35) of the transmitter (20) is operatively connected to a first port (40) of the duplexer (30) for transmitting through the duplexer (30) signals in said first frequency band. An input port (45) of the first receiver (25) is operatively connected to a second port (50) of the duplexer (30) for receiving through the duplexer (30) signals in said first frequency band. The radio transceiver circuit (10) comprises a second receiver (55) separate from the first receiver (25) for reception in said first frequency band. An input port (60) of the second receiver (55) is operatively connected to said first port (40) of the duplexer (30) for receiving through the duplexer (30) for receiving through the duplexer (30) signals in said first frequency band. An input port (60) of the second receiver (55) is operatively connected to said first port (40) of the duplexer (30) for receiving through the duplexer (30) signals in said first frequency band. A related radio communication apparatus is also disclosed.

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

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : APPARATUS AND METHOD FOR PAGING IN COMMUNICATION SYSTEMS WITH LARGE NUMBER OF ANTENNAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H04W68/02,H04W16/28 :61/722598 :05/11/2012 :U.S.A. :PCT/KR2013/009961 :05/11/2013 :WO 2014/069970	 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)LI Ying 2)JOSIAM Kaushik
6		
6		
(61) Patent of Addition to Application	:NA	3)TAORI Rakesh
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for paging configuration in a wireless network is provided. The method includes transmitting to a base station a parameter M representing a number of receiving (RX) beam instances at the mobile station in idle mode for the mobile station to finish one round of beam steering. The method also includes determining a timing for receiving a paging message from the base station the timing being a function of the parameter M the paging message comprising a mobile station identifier. The method further includes receiving the paging message from the base station based on the determined timing.

No. of Pages : 81 No. of Claims : 12

(19) INDIA

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

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD IN WHICH A GROUP OF TERMINALS RECEIVES A DOWNLINK CONTROL CHANNEL, AND METHOD IN WHICH THE TERMINALS MAKE REQUESTS FOR BANDWIDTH IN A WIRELESS COMMUNICATION SYSTEM IN WHICH THE SAME STID OR C-RNTI IS ALLOCATED TO THE GROUP OF TERMINALS

(51) International classification	:H04L27/26,H04B7/26	(71)Name of Applicant :
(31) Priority Document No	:61/345,610	1)LG ELECTRONICS INC.
(32) Priority Date	:18/05/2010	Address of Applicant :20 YEOUIDO-DONG,
(33) Name of priority country	:U.S.A.	YEONGDEUNGPO-GU SEOUL 150-721 REPUBLIC OF
(86) International Application No	:PCT/KR2011/003683	KOREA
Filing Date	:18/05/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/145884	1)PARK, KYUJIN
(61) Patent of Addition to Application	:NA	2)CHO, HANGYU
Number	:NA :NA	3)KANG, SEUNGHYUN
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method in which a group of terminals receives a downlink control channel, and to a method in which the terminals make requests for bandwidth in a wireless communication system in which the same station identifier (STID) or cellradio network temporary identifier (C-RNTI) is allocated to the group of terminals. The method, in which a group of terminals to which the same STID or C-RNTI is allocated receive a downlink control channel, comprises the following steps: receiving, from a base station, information on the STID or C-RNTI allocated to the terminals; receiving information on a time domain in which the downlink control channel for the terminals is transmitted, information on a frequency domain, or information on a search space from the base station; and decoding the downlink control channel on the basis of the information on a time domain, the information on a frequency domain, or the information on a search space, and on the basis of the STID or C-RNTI.

No. of Pages : 71 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :11/05/2015

(21) Application No.1340/KOLNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : ROLLER PRESS		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (86) International Publication No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:22/10/2013	 (71)Name of Applicant : 1)MASCHINENFABRIK KÖPPERN GMBH & CO. KG Address of Applicant :Königsteiner Straße 2 45529 Hattingen Germany (72)Name of Inventor : 1)WOLLENHAUPT Gereon 2)DE WELDIGE Eggert

(57) Abstract :

The invention relates to a roller press for crushing compacting and/or briquetting material comprising a press frame (1) and comprising two pressing rollers (2 3) rotatably mounted in the press frame wherein the press frame (1) receiving the pressing forces has a frame upper part (6) and a frame lower part (7) and also head pieces (13 14) connecting the frame upper part and the frame lower part. This roller press is characterized in that the frame upper part (6) and the frame lower part (7) are connected to one another by way of at least one movable intermediate support (15) which is arranged between the head pieces (13 14) supports the frame upper part (6) with respect to the frame lower part (7) when the press frame is open and can be transferred from an operating position into a roller removal position and vice versa.

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

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ELECTRIC MACHINE WITH COMBINED AIR AND WATER COOLING

 (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 	:12195465.5 :04/12/2012 :EPO :PCT/EP2013/074812 :27/11/2013	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor : 1)NOACK Felix 2)SINDELKA Martin 3)WEISS Sebastian
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(57) Abstract :

An electric machine has a housing (1) in which a stator (2) is arranged and in which a rotor (4) is mounted rotatably about an axis of rotation (5). The housing (1) extends from a front end (6) to a rear end (7) when viewed in the direction of the axis of rotation (5). The housing (1) has either an air inlet opening (10) in the vicinity of the front end (6) and an air outlet opening (11) in the vicinity of the rear end (7) or in each case one air inlet opening (10) in the vicinity of the front end (6) and the rear end (7) and therebetween an air outlet opening (11) on a side (9) parallel to the axis of rotation (5). During operation the electric machine sucks air in at the air inlet opening (10) and expels the sucked in air at the air outlet opening (11). An attachment (13) is attached to that side (9) of the housing (1) which is parallel to the axis of rotation (5) said attachment covering in the manner of a hood the air inlet openings (10) and the air outlet opening (11) with the result that the air expelled out of the housing (1) at the air outlet opening (11) is fed back to the air inlet openings (10). Pipes (14) for a liquid cooling medium (15) are arranged in the stator (2) with said cooling medium being used to cool the stator (2) directly during operation. At least some of the pipes (14) protrude outwards over the stator (2) in the direction towards the front and rear ends (67) when viewed in the direction of the axis of rotation (5) with the result that they extract heat from the sucked in air flowing within the housing (1) during operation.

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

(19) INDIA

(22) Date of filing of Application :13/03/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : TEXTILE MADE FROM CHAINS AND PROCESS FOR ITS MANUFACTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:14/322,638 :02/07/2014 :U.S.A. :NA :NA	Address of Applicant :C/O SABETY+ASSOCIATES PLLC 830 THIRD AVE, 5TH FLOOR NEW YORK, NY 10022 UNITED STATES OF AMERICA. (72) Name of Inventor :
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	1)SAADIA ZAFAR
Filing Date	:NA	

L

(57) Abstract :

This invention discloses a novel system and method for creating textiles out of chains connected by thread. The process involves use of a dissolvable or removable substrate on which chains can be set and then interconnected, and the subsequently removed.

No. of Pages : 21 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :23/04/2015

(54) Title of the invention : MOBILE TERMINAL AND METHOD OF CONTROLLING THE SAME

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:10-2014-	1)LG ELECTRONICS INC.
(32) Priority Date	0059902	Address of Applicant :128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF
•	:Republic	KOREA
(33) Name of priority country	of Korea	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KYUNGMIN CHO 2)SEONGIK JEON
(87) International Publication No	: NA	3)MINAH SONG
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)CHANSOO KIM 5)SEOYONG PARK
(62) Divisional to Application Number	:NA	6)JEONGHYUN LEE
Filing Date	:NA	

(57) Abstract :

A mobile terminal including a wireless communication unit configured to perform wireless communication; a camera configured to obtain an image; a display unit configured to display a preview image obtained through the camera; and a controller configured to control the display unit to operate in any one of a first state in which a graphic object relating to an image capturing function is displayed overlapping the preview image and a second state in which the graphic object is not displayed while the preview image is displayed, based on a user request, and when a first pre-set type of touch is sensed in a region on which the preview image is displayed in the second state, control the camera to capture the preview image based on the pre-set type of touch.

No. of Pages : 81 No. of Claims : 20

(22) Date of filing of Application :22/04/2015

(21) Application No.1112/KOLNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : 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 	:PCT/JP2013/075691 :24/09/2013 :WO 2014/046282 :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)TAKANO Kazuhisa 2)IIZUKA Toshio 3)KUBO Yutaka 4)WATANABE Takahiro 5)MIYAMOTO Noboru 6)SASAKI Kaoru 7)OGAWA Hirokatsu
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(57) Abstract :

One purpose of the present invention is to provide a vehicle provided with two front wheels and a vehicle frame that can tilt wherein even if a feature that inhibits the operation of a link mechanism is provided smooth operation of said link mechanism can be ensured with a minimal increase in the size of a structure surrounding a steering shaft above the two front wheels. The present invention includes a stopping element (81) locking calipers (82) and a guide member (83). One end of the stopping element (81) is supported by a first support part (J) provided on a link mechanism (5) a vehicle frame (21) a right shock absorbing device or a left shock absorbing device. The stopping element (81) can rotate about the support part and is provided on the link mechanism (5) the vehicle frame (21) the right shock absorbing device or the left shock absorbing device. The frictional force between the locking calipers (82) and the stopping element (81) can be changed. The guide member (83) guides the middle or other end of the long member into the locking calipers (82). The angle of rotation of the stopping element (81) relative to the first support part (J) due to a rotational operation of a first cross member (51) or the second cross member (52) relative to the vehicle frame (21) is smaller than the angle of rotation of either the first cross member (51) or the second cross member (52) relative to the vehicle frame (21) due to said rotational operation.

No. of Pages : 74 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ACTIVATORS FOR THE VISCOSIFICATION OF NON AQUEOUS FLUIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09K8/035,C09K8/502 :61/719753 :29/10/2012 :U.S.A. :PCT/US2013/067165 :29/10/2013 :WO 2014/070692 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SASOL PERFORMANCE CHEMICALS GMBH Address of Applicant :1 Ankelmannsplatz 20537 Hamburg Germany (72)Name of Inventor : 1)FERNANDEZ Jorge M.
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(57) Abstract :

A composition for viscosifying a nonaqueous base liquid. The composition has an alkoxylated alcohol having the general formula : X-O-(CnH2nO)y-(C2H4O)z-H wherein X is an organyl group having from 3 to 40 carbon atoms, n is 2, 3 or 4, y is 0 to 6, and z is 3-20, and an organophilic clay. The base liquid is an oleaginous liquid which is liquid at 25° C and is substantially immiscible in water.

No. of Pages : 24 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :28/04/2015

(43) Publication Date : 08/01/2016

(71)Name of Applicant : (51) International classification :H02M3/155 1)DAIKIN INDUSTRIESLTD. (31) Priority Document No :2012246223 (32) Priority Date Address of Applicant :Umeda Center Building 4 12 Nakazaki :08/11/2012 (33) Name of priority country Nishi 2 chome Kita ku Osaka shi Osaka 5308323 Japan :Japan :PCT/JP2013/080012 (72)Name of Inventor : (86) International Application No Filing Date :06/11/2013 1)OHSHITA Kazuhiro (87) International Publication No :WO 2014/073567 2)NAKATANI Kazuhiro (61) Patent of Addition to Application **3)SAKAE Norio** :NA Number 4)IMOTO Mitsuru :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR CONTROLLING POWER SOURCE SWITCHING CIRCUIT

(57) Abstract :

The purpose of the present invention is to suppress generation of additional leak currents and harmonic components, and suppress deterioration in efficiency, even with a small load on a switching power source circuit. The operation modes of the circuit are respectively adopted in accordance with the magnitude of an output: a non-conducting mode for an output smaller than a threshold (P11); a discontinuous mode for an output between thresholds (P11-P21)(> P11); a critical mode for an output between thresholds (P21-P31)(> P21); and a continuous mode for an output greater than a threshold (P31). This allows for further suppression of increase in the leak current in the region where the power consumption of a load is small, compared to conventional techniques.

No. of Pages : 62 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (21) Application No.515/KOL/2015 A (19) INDIA (22) Date of filing of Application :12/05/2015 (43) Publication Date : 08/01/2016 (54) Title of the invention : ILLUMINATION REGULATING SYSTEM IN SYNCHRONIZATION WITH AC POWER FREQUENCY AND METHOD USING THE SAME (51) International classification :F21S8/00 (71)Name of Applicant : (31) Priority Document No :103116814 1)YU-SHENG SO (32) Priority Date :13/05/2014 Address of Applicant :3F., NO.12, ALY. 5, LN. 120, (33) Name of priority country BAOGAO RD., XINDIAN DIST., NEWTAIPEI CITY 23144, :Taiwan (86) International Application No :NA TAIWAN (72)Name of Inventor : Filing Date :NA (87) International Publication No : NA 1)YU-SHENG SO

:NA

:NA

:NA

:NA

(57) Abstract :

Filing Date

Filing Date

An illumination regulating system in synchronization with an alternating current power frequency comprises: an illumination regulating device and a regulated device, wherein the illumination regulating device and the regulated device are a light source device or a remote control device respectively, and a light detector of the regulated device receives a regulating light emitted from a luminous element of the illumination regulating device in such a manner that the regulated device is controlled by the illumination regulating device, and wherein the illumination regulating device and the regulated device perform wireless data transmission in synchronization with an alternating current power frequency, the regulating light performs data transmission via a optical transmission frame, and the light source and the remote control device are respectively disposed with a light source identifying information and a remote control device identifying information. The data transmission between the illumination regulating device and the regulated device and the regulated device one-to-one transmission, one-to-many transmission, many-to-one transmission, and many-to-many transmission.

No. of Pages : 41 No. of Claims : 13

(61) Patent of Addition to Application Number

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MOVEABLE JAW MOUNTING ASSEMBLY		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B02C1/02 :NA :NA :NA :PCT/EP2012/072663 :15/11/2012 :WO 2014/075722 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant :S 811 81 Sandviken Sweden (72)Name of Inventor : 1)NORDBORG Roger

(57) Abstract :

A tension assembly for a jaw crusher (100) comprising a mechanical actuator (121 124) and a bias member (123). A robust and compact arrangement is provided by positioning the bias member in the form of a coil spring over the actuator rod (124) and to configure the force transmission pathway through the linear actuator and into the coil spring so as to follow a reverse pathway through the assembly.

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

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MECHANICAL 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 		 (71)Name of Applicant : 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant :SE 811 81 Sandviken Sweden (72)Name of Inventor : 1)SJÖBECK Roger 2)IVARSSON Magnus

(57) Abstract :

A mechanical actuator configured to prevent the ingress of contaminant particulates from propagating under the cylinder head to destroy the fluid tight seal at the actuator chamber. An annular collar is tethered to an outer end region of the cylinder barrel and comprises at least one scraper and seal to provide a preliminary cleaning of the piston rod.

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

(19) INDIA

(22) Date of filing of Application :01/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHODS AND APPARATUSES FOR AUTOMATIC PROVISIONING OF EXTERNAL IDENTIFIERS USED FOR MACHINE TYPE DEVICES IN A 3GPP NETWORK

(31) Priority Document No	n:H04W4/00,H04W4/08,H04W8/22 :61/696237	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:03/09/2012	Address of Applicant :S 164 80 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/IB2013/058264 :03/09/2013	1)QIANG Zu
(87) International Publication No	:WO 2014/033698	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In one aspect, the teachings herein propose a procedure provided by an appropriately configured 3GPP Core Network (CN), which allows External Identifiers to be provisioned dynamically by the 3GPP operator or an MTC service provider, using the existing 3GPP M2M architecture. As such, these teachings can be understood as providing for automatic activation, modification, deactivation, etc., of MTC service subscriptions or services, using protocol-based signaling between the involved entities, e.g., between a 3GPP HSS and an MTC Server (a Services Capability Server or SCS) and/or an MTC Bootstrapping Server that provides for MTC subscription activations, modifications, etc.

No. of Pages : 39 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :01/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ENCODER DECODER AND METHODS FOR SIGNAL DEPENDENT ZOOM TRANSFORM IN SPATIAL AUDIO OBJECT CODING

 (51) International classification (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G10L19/008,G10L19/02,G10L19/025) :61/710133 :05/10/2012 :U.S.A. :PCT/EP2013/070550 :02/10/2013	 (71)Name of Applicant : 1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant :Hansastraße 27c 80686 München Germany (72)Name of Inventor : 1)DISCH Sascha 2)PAULUS Jouni 3)EDLER Bernd
(87) International Publication No	:WO 2014/053547	4)HELLMUTH Oliver 5)HERRE Jrgen
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	6)KASTNER Thorsten
Filing Date		

(57) Abstract :

A decoder for generating an audio output signal comprising one or more audio output channels from a downmix signal is provided. The downmix signal encodes one or more audio object signals. The decoder comprises a control unit (181) for setting an activation indication to an activation state depending on a signal property of at least one of the one or more audio object signals. Moreover, the decoder comprises a first analysis module (182) for transforming the downmix signal to obtain a first transformed downmix comprising a plurality of first subband channels. Furthermore, the decoder comprises a second analysis module (183) for generating, when the activation indication is set to the activation state, a second transformed downmix by transforming at least one of the first subband channels to obtain a plurality of second subband channels, wherein the second transformed downmix comprises the first subband channels which have not been transformed by the second analysis module and the second subband channels. Moreover, the decoder comprises an un-mixing unit (184), wherein the un-mixing unit (184) is configured to un-mix the second transformed downmix, when the activation indication is set to the activation state, based on parametric side information on the one or more audio object signals to obtain the audio output signal, and to un-mix the first transformed downmix, when the activation indication is not set to the activation state, based on the parametric side information on the one or more audio object signals to obtain the audio output signal. Furthermore, an encoder is provided.

No. of Pages : 81 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CONTAINER FOR ACCOMMODATING HIGH VISCOSITY MATERIALS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:F04B7/00,F04B15/02,F04B53/18 :10 2013 208 101.4 :03/05/2013 :Germany :PCT/EP2014/057138 :09/04/2014 :WO 2014/177349	 (71)Name of Applicant : 1)PUTZMEISTER ENGINEERING GMBH Address of Applicant :Max Eyth Strasse 10 72631 Aichtal Germany (72)Name of Inventor : 1)WEIMER Ralf 2)MÄCKLE Raimund
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 container for accommodating high viscosity materials such as liquid concrete. The container (10) has at least one bearing sleeve (58) which extends through a wall opening and is fastened in the container wall in a liquid tight manner. A shaft (28) extends through the bearing sleeve (58) in such a way that an annular gap (62) is left open. A shaft seal (64) which bridges the annular gap (62) and is made of elastomeric material is located at the container interior end of the bearing sleeve (58). A lubricant is applied to the annular gap (62) from the container exterior. The invention is characterised in that the shaft seal (64) has on the side thereof radially facing the shaft (28) a conveying thread (68) that supports the conveying of the lubricant in the direction of the container interior which conveying thread advantageously communicates with the container interior via a check valve (70) open to the container interior.

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

		(21) Application No.1106/KOLNP/2015 A	
(19) INDIA	22/04/2015	(10) D 11' (1) D (10)(01/001)	
(22) Date of filing of Application	on :22/04/2015	(43) Publication Date : 08/01/2016	
(54) Title of the invention : PA	(54) Title of the invention : PANEL FASTENER WITH HOLD DOWN 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 	:F16B5/02,F16B11/00,F16B37/14 :61/718466 :25/10/2012 :U.S.A. :PCT/US2013/066275 :23/10/2013 :WO 2014/066449 :NA :NA	 (71)Name of Applicant : 1)PEM MANAGEMENT INC. Address of Applicant :103 Foulk Road Suite 108 Wilmington Delaware 19803 U.S.A. (72)Name of Inventor : 1)BENTRIM Brian 	

(57) Abstract :

Filing Date

A retractable panel fastener includes a hold down mechanism that holds the screw in an extended position. A deformable ring around hte outside of hte retainer engages an inward facing lip at the bottom of a cap which is rigidly attached to the head of the screw. The ring is held in a groove on the retainer adjacent the bottommost travel of the cap. The ring may be composed of silicone.

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

:NA

(21) Application No.1175/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : HINGE DEVICE FOR DOORS SHUTTERS AND THE LIKE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:04/10/2013	 (71)Name of Applicant : IN & TEC S.R.L. Address of Applicant :Via Guglielmo Oberdan 1/A I 25128 Brescia Italy (72)Name of Inventor : BACCHETTI Luciano
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A hinge device comprising a first fixed tubular half shell (12) including a working chamber (20) defining a longitudinal axis (X) a second tubular half shell (13) rotatable about the axis (X) a pivot (50) rotating unitary with the latter which includes a single passing through actuating member (72) having helical shape a plunger member (30) slidable along the axis (X) and a tubular bushing (80) having a pair of guide cam slots (81). A pin (73) inserted within the passing through actuating member (72) is provided to allow the mutual engagement of the pivot (50) and the bushing (80). The first tubular half shell (12) includes an end portion (16) susceptible to rotatably support the pivot (50) the second tubular half shell (13) and the bushing (80) are coaxially coupled to each other the bushing (80) and the first tubular half shell (12) are mutually unitary coupled.

No. of Pages : 64 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04W8/24 :61/708444 :01/10/2012 :U.S.A. :PCT/SE2013/050517 :08/05/2013 :WO 2014/055006 :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor : 1)BERGLJUNG Christian 2)WALLÉN Anders 3)TEJEDOR Erika 4)PALM Håkan
(61) Patent of Addition to Application	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : RELEASE INDEPENDENT MODIFICATIONS OF NETWORK PARAMETERS

(57) Abstract :

A UE (10) indicates its radio access capabilities (20) to the base station (30). An element is added to the radio access capabilities (20) reported by the UE (10) to indicate in a release independent manner if a certain network signaling parameter (e.g. NS value) has been modified or if a new parameter has been introduced for an operating band. In this manner the base station (30) can distinguish UE (10) with a modified NS value behavior from legacy UE (10) for the purpose of admission control imposing scheduling or handover restrictions or the like.

No. of Pages : 21 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :01/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H04B1/00,H04B1/40	(71)Name of Applicant :
(31) Priority Document No	:12187418.4	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:05/10/2012	Address of Applicant :SE 164 83 Stockholm Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/070562	1)SUNDSTRÖM Lars
Filing Date	:02/10/2013	2)WALLÉN Anders
(87) International Publication No	:WO 2014/053556	3)SJÖLAND Henrik
(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 : RADIO TRANSCEIVER HAVING FREQUENCY SYNTHESIZER

(57) Abstract :

A radio transceiver (10) is disclosed. It comprises a first transceiver circuit (15) and a second transceiver circuit (20), the latter requiring an LO signal having higher LO frequency than the former. It further comprises a frequency synthesizer (35) comprising a first clock- signal generator (45) adapted to generate the LO signal for the first transceiver circuit (15) based on a first reference oscillation signal and a second clock-signal generator(65) adapted to generate the LO signal for the second transceiver circuit (20) based on a second reference oscillation signal, which is or is derived from the LO signal for the first transceiver circuit (15). A radio communication apparatus (1) comprising the radio transceiver (10) is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.1165/KOLNP/2015 A (19) INDIA (22) Date of filing of Application :27/04/2015 (43) Publication Date : 08/01/2016 (54) Title of the invention : PISTON RING FOR INTERNAL COMBUSTION ENGINES WITH INCREASED FATIGUE STRENGTH AND METHOD FOR PRODUCING SAME (51) International classification :F16J15/56,F15B15/14,F16J9/26 (71)Name of Applicant : (31) Priority Document No **1)FEDERAL MOGUL BURSCHEID GMBH** :10 2013 200 261.0 (32) Priority Date Address of Applicant : Bürgermeister Schmidt Str. 17 51399 :10/01/2013 (33) Name of priority country Burscheid Germany :Germany (86) International Application No:PCT/EP2013/072547 (72)Name of Inventor: Filing Date :29/10/2013 1)GRAY Nigel (87) International Publication No :WO 2014/108226 2)MACHLINER Stephan (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA

(57) Abstract :

Filing Date

The present invention relates to a piston ring (2) with increased fatigue strength, made of a plastically deformable material. The piston ring (2) has a bearing surface (4) which is limited at the top by an upper bearing surface edge (3) and at the bottom by a lower bearing surface edge (1). Along at least one part of the circumference, compressive stresses are introduced to the upper bearing surface edge (3) and/or to the lower bearing surface edge (1), wherein said compressive stresses are produced by rolling.

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

(19) INDIA

(22) Date of filing of Application :13/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ADAPTER ASSEMBLY

classification:F16H5 //025,F16H5 //033,F16H5 //041)(31) Priority Document No:12194252.8(32) Priority Date:26/11/2012(33) Name of priority country:EPO(72) (1)	 71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 München Germany 72)Name of Inventor : 1)BOEING Georg 2)SCHNURR Wolfgang
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(57) Abstract :

The invention relates to an adapter assembly (1) for connecting a transmission unit (A) and a motor unit (B) comprising an adapter housing; at least one bearing (3A 3B) which sits in the adapter housing; an adapter shaft (7) which is rotatably mounted in the bearing (3A 3B) and which has a shaft axis; at least one lubricant chamber (4) which extends about the adapter shaft (7) in an annular manner for receiving lubricant said lubricant chamber (4) being connected to the bearing (3A 3B) such that the lubricant can be supplied from the lubricant chamber (4) to the bearing (3A 3B); and a lubricant seal (16B) which surrounds the adapter shaft (7) on the motor side of the bearing (3B) for sealing the lubricant chamber (4) from the motor side of the adapter assembly (1). The adapter assembly (1) has at least one first channel (6i) through which lubricant chamber (4) is connected to the transmission side of the adapter assembly (1) via a transmission side opening (17) of the adapter assembly (1) wherein the adapter shaft (7) can be accessed from the transmission side of the adapter assembly (1) via said opening and/or the adapter assembly (1) has a second channel through which lubricant can be surroundings (5) of the adapter assembly (1) via can be discharged from the lubricant chamber (4) into the surroundings (5) of the adapter assembly (1) via a second channel through which lubricant can be surroundings (5) of the adapter assembly (1) via a transmission side opening (17) of the adapter assembly (1) wherein the adapter shaft (7) can be accessed from the transmission side of the adapter assembly (1) has a second channel through which lubricant can be discharged from the lubricant chamber (4) into the surroundings (5) of the adapter assembly (1).

No. of Pages : 42 No. of Claims : 9

(22) Date of filing of Application :16/04/2015

(54) Title of the invention · HOSE COUPLING

015 (43) Publication Date : 08/01/2016

(54) The of the invention . HOSE COOT ENVO		
(51) International classification	:A62C33/00	(71)Name of Applicant :
(31) Priority Document No	:20 2014 003 383.8	1)NEOPERL GMBH Address of Applicant :KLOSTERRUNSSTR.11, 79379
(32) Priority Date	:19/04/2014	MÜLLHEIM GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)WERNER KURY
Filing Date	:NA	2)MICHAEL SCHERER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a hose coupling (1) which is of sleeve-shaped form and which, at at least one coupling end, has a connector (3) with a retention profiling provided on the outer circumference at least in one connector subregion, onto which at least one profiled coupling end a hose end (4) of a flexible hose (2) can be pushed. The hose coupling according to the invention is characterized in that the retention profiling is formed by at least one retention groove (5) which is provided on the outer circumference of the connector (3) and which has groove long sides (8, 9) oriented in the connector circumferential direction and groove narrow sides (6, 7) oriented in the connector longitudinal direction.

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

(21) Application No.881/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR FILLING MIXED REFRIGERANT CONTAINING 2 3 3 3 TETRAFLUOROPROPENE

 (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 	:61/696419 :04/09/2012 :U.S.A. :PCT/JP2013/073851 :04/09/2013	 (71)Name of Applicant : 1)DAIKIN INDUSTRIES LTD. Address of Applicant :Umeda Center Building 4 12 Nakazaki Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan (72)Name of Inventor : 1)KUROKI Hitomi 2)TSUCHIYA Tatsumi 3)YAMADA Yasufu 4)SHIBANUMA Takashi
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(57) Abstract :

11111312111111A method for filling a mixed refrigerant characterized in that when filling a mixed refrigerant containing HFC 32 and HFO 1234yf and in which liquid phase HFC 32 is present in an amount of 10 90wt% with respect to a total of 100wt% of HFC 32 and HFO 1234yf from a supply container into destination containers and devices the mixture ratio of HFC 32 in the mixed refrigerant in the supply container is maintained within the range of the target composition (x) of HFC 32 \pm a wt% from the start until the completion of filling and the mixture ratio of liquid phase HFC 32 in the mixed refrigerant in the supply container immediately prior to filling (initial composition)) is set to x+y (minimum value) to x+a (maximum value) wt% (\pm a: setting tolerance (a0) x: target composition (10x90 except for a range where y>a). y: the lower limit of deviation from the target composition in the initial composition and represented by the following formula (1). 1000y = Lx + Mx + Nx + P (1) L = 0.0002a+ 0.016 M= 0.072a+ 3.4761 N = 7.914a + 187.52 P = 1194.8a 9.58)

No. of Pages : 169 No. of Claims : 9

(21) Application No.1001/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM METHOD AND DEVICE FOR PROCESSING INFORMATION ABOUT AIR INTERFACE (51) International classification :H04W72/00 (71)Name of Applicant : (31) Priority Document No 1)HUAWEI TECHNOLOGIES CO. LTD. :201210377527.7 (32) Priority Date Address of Applicant :Huawei Administration Building :08/10/2012 (33) Name of priority country Bantian Longgang District Shenzhen Guangdong 518129 China :China (72)Name of Inventor : (86) International Application No :PCT/CN2013/074079 1)HUAWEI TECHNOLOGIES CO. LTD. Filing Date :11/04/2013 (87) International Publication No :WO 2014/056317 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Provided in embodiments of the present invention are a system method and device for processing information about an air interface. An enhanced base station comprises: a receiver used for receiving an air interface control policy sent by a radio access network controller with an air interface control function of a radio access network by means of an open interface; and a processor used for processing the user plane data of the air interface in accordance with the air interface control policy. The technical solution provided in the embodiments of the present invention achieves the separation of the radio access network on the control plane and the user plane by means of the radio access network controller and the enhanced base station.

No. of Pages : 68 No. of Claims : 50

(19) INDIA

(22) Date of filing of Application :20/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : INTERFERE	NCE CANCELLATION	METHOD SYSTEM DEVICE AND UE
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B15/02,H04B7/26 :201210468448.7 :19/11/2012 :China :PCT/KR2013/010411 :15/11/2013 :WO 2014/077625 :NA :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)SUN Chengjun 2)YANG Chenyang 3)TIAN Yafei 4)LI Yingyang

(57) Abstract :

Examples of the present application provide an interference cancellation method system device and a UE. The interference cancellation method of a communication network including a plurality of User Equipments (UEs) and Base Stations (BSs) includes: acquiring a Signal to Noise Ratio (SNR) and Interference to Noise Ratio (INR) of a downlink signal detected by a first UE and a SNR and INR of a downlink signal detected by a second UE respectively through a first BS and a second BS; and notifying the first BS and the second BS of a transmission mode of associated UEs wherein the first UE is located in a cell served by the first BS and the second BS.

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

(19) INDIA

(22) Date of filing of Application :02/04/2015

(43) Publication Date : 08/01/2016

(51) International classification (71)Name of Applicant : :G10L19/02 1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG (31) Priority Document No :61/712013 (32) Priority Date :10/10/2012 **DER ANGEWANDTEN FORSCHUNG E.V.** (33) Name of priority country :U.S.A. Address of Applicant : Hansastrasse 27c 80686 München :PCT/EP2013/069592 Germany (86) International Application No Filing Date :20/09/2013 (72)Name of Inventor: (87) International Publication No :WO 2014/056705 1)DISCH Sascha (61) Patent of Addition to Application 2)SCHUBERT Benjamin :NA Number **3)GEIGER Ralf** :NA Filing Date 4)EDLER Bernd (62) Divisional to Application Number :NA **5)DIETZ Martin** Filing Date :NA

(54) Title of the invention : APPARATUS AND METHOD FOR EFFICIENT SYNTHESIS OF SINUSOIDS AND SWEEPS BY EMPLOYING SPECTRAL PATTERNS

(57) Abstract :

An apparatus for generating an audio output signal based on an encoded audio signal spectrum is provided. The apparatus comprises a processing unit (1 15) for processing the encoded audio signal spectrum to obtain a decoded audio signal spectrum comprising a plurality of spectral coefficients wherein each of the spectral coefficients has a spectral location within the encoded audio signal spectrum and a spectral value wherein the spectral coefficients are sequentially ordered according to their spectral location within the encoded audio signal spectrum so that the spectral coefficients form a sequence of spectral coefficients. Moreover the apparatus comprises a pseudo coefficients determiner (125) for determining one or more pseudo coefficients of the decoded audio signal spectrum wherein the determined spectral value. Furthermore the apparatus comprises a replacement unit (135) for replacing at least one or more pseudo coefficients by a determined spectral pattern to obtain a modified audio signal spectrum wherein the determined spectral pattern comprises at least two pattern coefficients wherein each of the at least two pattern coefficients has a spectral value. Moreover the apparatus comprises a spectrum time conversion unit (145) for converting the modified audio signal spectrum to a time domain to obtain the audio output signal.

No. of Pages : 89 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :02/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ENCODER DECODER AND METHODS FOR BACKWARD COMPATIBLE DYNAMIC ADAPTION OF TIME/FREQUENCY RESOLUTION IN SPATIAL AUDIO OBJECT CODING

(51) International classification	:G10L19/025,G10L19/008	
(31) Priority Document No	:61/710133	1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG
(32) Priority Date	:05/10/2012	DER ANGEWANDTEN FORSCHUNG E.V.
(33) Name of priority country	:U.S.A.	Address of Applicant : Hansastraße 27C 80686 München
(86) International Application No	:PCT/EP2013/070551	Germany
Filing Date	:02/10/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/053548	1)DISCH Sascha
(61) Patent of Addition to Application	-NI A	2)PAULUS Jouni
Number	:NA	3)EDLER Bernd
Filing Date	:NA	4)HELLMUTH Oliver
(62) Divisional to Application Number	: :NA	5)HERRE Jörgen
Filing Date	:NA	6)KASTNER Thorsten

(57) Abstract :

A decoder for generating an audio output signal comprising one or more audio output channels from a downmix signal comprising a plurality of time domain downmix samples is provided. The downmix signal encodes two or more audio object signals. The decoder comprises a window sequence generator (134) for determining a plurality of analysis windows wherein each of the analysis windows comprises a plurality of time domain downmix samples of the downmix signal. Each analysis window of the plurality of analysis windows has a window length indicating the number of the time domain downmix samples of said analysis window. The window sequence generator (134) is configured to determine the plurality of analysis windows so that the window length of each of the analysis windows depends on a signal property of at least one of the two or more audio object signals. Moreover the decoder comprises a t/f analysis module (135) for transforming the plurality of time domain downmix samples of each analysis window of the plurality of analysis window to obtain a transformed downmix. Furthermore the decoder comprises an un mixing unit (136) for un mixing the transformed downmix based on parametric side information on the two or more audio object signals to obtain the audio output signal. Moreover an encoder is provided.

No. of Pages : 83 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :17/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : AIR COMPRESSOR OF WEIGHT-REDUCTION TYPE :F04C18/02 (71)Name of Applicant : (51) International classification 1)CHOU, WEN-SAN (31) Priority Document No :103114591 (32) Priority Date :22/04/2014 Address of Applicant :NO. 1-25, KANGWEI, AN-DIN DIST, TAINAN CITY TAIWAN. R.O.C. Taiwan (33) Name of priority country :Taiwan (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)CHOU, WEN-SAN (87) 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 air compressor of weight-reduction type is disclosed, wherein the bearing and the main housing thereof are formed integrally, so that when the piston body conducts reciprocating motion within the cylinder at high frequencies, the bearing is firmly fixed on the main housing without nonfunctioning or falling off. Furthermore, the main housing and the cylinder thereof are made of plastic and formed integrally. The main housing is formed with a wind collecting hood to facilitate the air flow being introduced through the main housing for rapidly dissipating the heat generated by the bearing and the heat generated from the reciprocating motion of the piston body. Accordingly, the manufacturing cost of the air compressor can be reduced to achieve an economical design, and the weight of the air compressor can be reduced to facilitate the compressor being carried onto a vehicle.

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

(19) INDIA

(22) Date of filing of Application :02/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ENCODER DECODER AND METHODS FOR BACKWARD COMPATIBLE MULTI RESOLUTION SPATIAL AUDIO OBJECT CODING

(51) International classification (31) Priority Document No	:G10L19/008,G10L19/02 :61/710128	(71)Name of Applicant : 1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG
(32) Priority Date		DER ANGEWANDTEN FORSCHUNG E.V.
(33) Name of priority country	:U.S.A.	Address of Applicant :Hansastraße 27c 80686 München
(86) International Application No	:PCT/EP2013/070533	Germany
Filing Date	:02/10/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/053537	1)DISCH Sascha
(61) Patent of Addition to Application	:NA	2)FUCHS Harald
Number	:NA :NA	3)PAULUS Jouni
Filing Date	INA	4)TERENTIV Leon
(62) Divisional to Application Number	:NA	5)HELLMUTH Oliver
Filing Date	:NA	6)HERRE Jürgen

(57) Abstract :

A decoder for generating an un mixed audio signal comprising a plurality of un mixed audio Channels is provided. Moreover an encoder and an encoded audio signal is provided. The decoder comprises an un mixing information determiner for determining un mixing information by receiving first parametric side information on the at least one audio object signal and second parametric side information on the at least one audio object signal wherein the frequency resolution of the second parametric side information is higher than the frequency resolution of the first parametric side information. Moreover the decoder comprises an un mix module for applying the un mixing information on a downmix signal indicating a downmix of at least one audio object signal to obtain an un mixed audio signal comprising the plurality of un mixed audio Channels. The un mixing information determiner is configured to determine the un mixing information by modifying the first parametric information and the second parametric information to obtain modified parametric information such that the modified parametric information has a frequency resolution which is higher than the first frequency resolution.

No. of Pages : 66 No. of Claims : 18

(22) Date of filing of Application :02/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MONITORING INFORMATION ACQUISITION METHOD MONITORING DEVICE CLIENT DEVICE AND MONITORING SYSTEM

ation Building 129 China

(57) Abstract :

Provided in embodiments of the present invention are a monitoring information acquisition method a monitoring device a client device and a monitoring system. The method comprises: the monitoring device acquires geographic location information of a currently monitored location from a component integrated onto the monitoring device and used for sensing geographic locations; the monitoring device transmits the geographic location information thus allowing the client device to acquire the geographic location information and to determine the monitored location of a current video image on the basis of the geographic location information. The monitoring information acquisition method provided in the embodiments of the present invention by acquiring the geographic location information information and by transmitting the geographic location information to the client device provides in real time the current geographic location of the monitored video scene to a user thus facilitating the user to learn precisely the situation in the monitored scene.

No. of Pages : 36 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD DEVICE AND SYSTEM FOR LOCATING USER EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W4/02,H04W64/00 :NA :NA :NA :PCT/CN2012/081777 :21/09/2012 :WO 2014/043899 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)WU Tong 2)XIAO Dengkun 3)CUI Jie
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(57) Abstract :

Disclosed are a method device and system for locating a user equipment which are applied in the technical field of communications and invented in order to realize performing locating measurement smoothly after a user equipment is switched to a new base station and avoid performing repeated locating measurement on the user equipment. The method includes: in the process of a UE performing locating measurement when the UE is required to be switched from a source node to a target node the target node receiving the user identifier information of the UE; the target node transmitting an instruction not notifying a locating server to an MME; and after the UE is switched to the target node the target node performing locating measurement on the UE according to the user identifier information and reporting the acquired locating measurement data and the user identifier information to the locating server. The present invention is mainly applied in an enhanced cell ID locating method (E CID locating technology).

No. of Pages : 92 No. of Claims : 52

(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : TRAFFIC SHAPING AND STEERING FOR A MULTIPATH TRANSMISSION CONTROL PROTOCOL CONNECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/801 :NA :NA :PA :PCT/EP2012/068790 :24/09/2012 :WO 2014/044333 :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)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
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(57) Abstract :

There is provided a method of enabling traffic steering and shaping for subflows of a Multipath Transmission Control Protocol (MPTCP) connection wherein the subflows of the connection are carried over a plurality of Radio Access Networks (RANs). The method involves determining that the device is communicating with an end host using MPTCP obtaining network information relating to the device and using the device related network information to decide whether any traffic steering and shaping should be applied to any subflow of the MPTCP connection. Appropriate actions can then be executed in relation to one or more of the subflows of the MPTCP connection in order to implement the traffic steering and shaping decision.

No. of Pages : 43 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :16/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : NETWORK NODE AND A METHOD FOR SHORTCUTTING A COMMUNICATION PATH BETWEEN USER EQUIPMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International 	:H04W84/22,H04W40/24,H04W76/02 :NA :NA :NA :PCT/SE2012/051009 :24/09/2012 :WO 2014/046585	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden (72)Name of Inventor : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2014/040383 :NA :NA :NA	

(57) Abstract :

A first network node (NN) (110) and a method for shortcutting a communication path between a first user equipment (UE) (120) and a second UE (122). When information about the second UE is in a set of information which set of information (110S) comprises information about one or more downstream reachable UEs (120 122) and when the second UE is connected to the first NN the data is transmitted to the second UE whereby the path is shortcut. Furthermore when information about the second UE is in the set of information and when a third NN (114) is downstream connected to the first NN the data is transmitted to the third NN whereby the path is shortcut.

No. of Pages : 42 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :04/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ELASTIC SELF ALIGNING BEARING		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16F15/08,F03D11/00,F16F1/40 :12006429.0 :13/09/2012 :EPO :PCT/EP2013/002688 :07/09/2013 :WO 2014/040715 :NA :NA :NA	 (71)Name of Applicant : 1)ESM ENERGIE UND SCHWINGUNGSTECHNIK MITSCH GMBH Address of Applicant :Auf der Rut 5 64668 Rimbach Mitlechtern Germany (72)Name of Inventor : 1)MITSCH Franz 2)GLANZNER Sebastian 3)HANUS Karl Heinz

(57) Abstract :

The invention relates to a self aligning bearing preferably for use in wind power plants said self aligning bearing being constructed from elastic in particular conical multi layered spring elements the stiffness behaviour of which can optionally be varied by hydraulic devices and which are arranged structurally in the region of the rotor hub such that as a result they are highly suitable both for adjusting the rotor blades and for reducing undesired forces transmitted to the plant by the rotor blades. In particular the self aligning bearings according to the invention are suitable for use in wind power plants having one or two bladed rotors.

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

(19) INDIA

(22) Date of filing of Application :23/04/2015

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61B5/1455,A61B10/00 :2012217216 :28/09/2012 :Japan :PCT/JP2013/076013 :26/09/2013 :WO 2014/050945 :NA :NA :NA	 (71)Name of Applicant : SYSMEX CORPORATION Address of Applicant :5 1 Wakinohama Kaigandori 1 chome Chuo ku Kobe shi Hyogo 6510073 Japan (72)Name of Inventor : NISHIMOTONaomichi MURAYAMATakeo SUZUKITomoaki SAITOUTakeo
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : NON INVASIVE LIVING BODY MEASUREMENT DEVICE

(57) Abstract :

A non invasive living body measurement device (1) provided with: a platform (21) for placing a finger (8) of the subject to be measured; a light emission device (3) equipped with a plurality of light emission blocks (311 316) disposed in a line so as to be arranged along the longitudinal direction of the finger (8) placed on the platform (21); a light amount adjustment part (5) for adjusting the amount of light from the light emission blocks (311 316) so that the amount of transmitted light transmitted through the finger (8) placed on the platform (21) is uniform along the longitudinal direction of the finger (8); an imaging part (4) for receiving transmitted light resulting from the light generated by the light emission blocks (311 316) transmitting through the finger (8) placed on the platform (21) and obtaining an image of the finger; and an information processing unit for processing the image obtained by the imaging part (4) and thereby detecting biological information about the subject.

No. of Pages : 44 No. of Claims : 10

(22) Date of filing of Application :17/04/2015

(54) Title of the invention : AIR 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 	:F04C18/02 :103114590 :22/04/2014 :Taiwan :NA :NA :NA :NA :NA :NA :NA :NA	, ,

(57) Abstract :

An air compressor includes an air storage unit defining a first chamber and a cylinder containing a piston body. The top wall of the cylinder is formed with a tubular projection defining a bore to serve as a second pressure chamber. When the piston head of the piston body is almost in contact with the top wall of the cylinder, part of the compressed air can enter the second pressure chamber, so that the piston body can conduct reciprocation motion more smoothly. Furthermore, the cylinder has an open bottom that is divided into two halves according to a central vertical line of the cylinder, wherein one half of the open bottom is horizontal while the other half of the open bottom is slanted. When the piston body is at BDC, the piston head will be entirely within the cylinder and thus keep gastight with the cylinder.

No. of Pages : 34 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :03/04/2015

(43) Publication Date : 08/01/2016

(51) International classification :B21B45/02 (71)Name of Applicant : (31) Priority Document No **1)JFE STEEL CORPORATION** :2012280418 (32) Priority Date Address of Applicant :2 3 Uchisaiwai cho 2 chome Chivoda :25/12/2012 ku Tokyo 1000011 Japan (33) Name of priority country :Japan (86) International Application No :PCT/JP2013/006952 (72)Name of Inventor : Filing Date :27/11/2013 1)UEOKA Satoshi (87) International Publication No :WO 2014/103164 2)CHIBA Takeshi (61) Patent of Addition to Application 3)IBUKI Kazuya :NA Number 4)IIJIMA Yoshitsugu :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : COOLING METHOD AND COOLING DEVICE FOR HOT ROLLED STEEL STRIP

(57) Abstract :

Provided are a cooling method and a cooling device for adjusting the volume of cooling water in two levels for each set of width direction headers when cooling a hot rolled steel strip and for changing the steel strip cooling velocity in multiple levels using a simple method the method and device being particularly effective for cooling the lower surface of a steel strip in a narrow space. Spray nozzles (5) are disposed in a row at a specified pitch in the width direction of the steel strip. In order that cooling water can be supplied from different piping systems for spray nozzles (5) that are adjacent in the width direction the cooling headers (6) are configured so that: two systems are disposed per one set; a jetting valve (7) is installed on each; and individual cooling water jetting/stopping is possible.

No. of Pages : 50 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :03/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ASYMMETRICAL BISPHOSPHITE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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/EP2013/070210 :27/09/2013 ¹ :WO 2014/056733 :NA :NA	 (71)Name of Applicant : 1)EVONIK DEGUSSA GMBH Address of Applicant :Rellinghauser Strasse 1 11 45128 Essen Germany (72)Name of Inventor : 1)CHRISTIANSEN Andrea 2)FRANKE Robert 3)FRIDAG Dirk 4)HESS Dieter 5)DYBALLA Katrin Marie 6)HANNEBAUER Bernd
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(57) Abstract :

The invention relates to an asymmetrical bisphosphite of formula (l) to a method for the production thereof and to the reaction thereof with metals to form mixtures containing complex compounds consisting of asymmetrical bisphosphite and the metal and to and the use thereof as a catalytically active composition in hydroformylation reactions said hydroformlatively active composition comprises in addition to the metal complex compounds and asymmetrical bisphosphite non bound bisphosphite and at least one additional component.

No. of Pages : 108 No. of Claims : 18

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD DEVICE AND SYSTEM FOR REGRESSING TO LONG TERM EVOLUTION (LTE) 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 	:H04W48/18 :NA :NA :PCT/CN2012/084106 :05/11/2012 :WO 2014/067166 :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)SHU Lin 2)WU Xiaobo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are a method device and system for regressing to an LTE network which relate to the technical field of communications and enable a UE to regress to a previously registered LTE PLMN of the CSFB after a CSFB service is ended so as to guarantee PS service continuity avoid unnecessary PLMN inter network handover and improve the user experience. The method of the present invention comprises: after a CSFB service of a UE is ended a base station receiving a PLMN ID of a registered LTE network of the UE which is sent by a serving MSC/VLR of the UE;determining LTE frequency band information according to the PLMN ID;and sending a connection release message containing the LTE frequency band information to the UE so as to enable the UE to regress to the previously registered LTE PLMN corresponding to the PLMN ID. The embodiments of the present invention are mainly used in the process of regressing to the LTE network after the CSFB service is ended.

No. of Pages : 65 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CONTROL CHANNEL DETECTION METHOD USER EQUIPMENT AND BASE STATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :NA :NA :NA :PCT/CN2012/083935 :01/11/2012 :WO 2014/067123 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)LIU Kunpeng 2)XIA Liang 3)LIU Jianghua 4)ZHOU Yongxing
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(57) Abstract :

Provided are a control channel detection method a user equipment and a base station. The method comprises: acquiring parameter configuration information corresponding to different control channel resource sets and detecting control channels corresponding to those on different control channel resource sets in accordance with the parameter configuration information thereby achieving dynamic node selection.

No. of Pages : 73 No. of Claims : 60

(22) Date of filing of Application :04/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR PROCESSING DATA FIELD SERVICE		
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W36/14 :NA :NA :NA :PCT/CN2012/083150 :18/10/2012 :WO 2014/059647 :NA :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)QI Caixia 2)YU Yijun
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to the communications field. Disclosed are a method an apparatus and a system for processing a data field service so as to alleviate the resource shortage of an EPS network or 2G network that uses a GERAN network as an access network. The specific solution comprises: a source access element receiving a user plane data packet sent by a source mobility management element the user plane data packet comprising a switch instruction or service type information; and sending a switch request to the source mobility management element according to the switch instruction or service type information so as to switch the data field service of a user terminal to a target network. The present invention is applied in processing of the data field service.

No. of Pages : 51 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :04/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H04B1/50	(71)Name of Applicant :
(31) Priority Document No	:201210374967.7	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:29/09/2012	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2013/075052	(72)Name of Inventor :
Filing Date	:02/05/2013	1)LIN Huajiong
(87) International Publication No	:WO 2014/048114	2)HAN Bo
(61) Patent of Addition to Application	:NA	3)LV Linjun
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(54) Title of the invention : SIGNAL PROCESSING METHOD DEVICE AND SYSTEM

(57) Abstract :

Disclosed are a signal processing method device and system. The method comprises: receiving a downlink signal carrying an uplink signal; and using a pre estimated self interference signal to conduct first interference cancellation on the uplink signal so that the remaining interference quantity of the uplink signal is less than a first interference threshold value thereby being able to reduce the out of band interference of the uplink signal to the downlink signal to the minimum without using a plurality of radio frequency front ends or using a duplexer on the same radio frequency front end. Because the embodiments of the present invention do not adopt a duplex filter the laying difficulty and overhead of a base station and a system can be reduced and the additional energy consumption of a mobile terminal can also be reduced.

No. of Pages : 32 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :22/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : 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 	:PCT/JP2013/075715 :24/09/2013 :WO 2014/046285 :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)IIZUKA Toshio 2)HIRAYAMA Yosuke 3)KUBO Yutaka 4)WATANABE Takahiro 5)MIYAMOTO Noboru 6)SASAKI Kaoru 7)OGAWA Hirokatsu
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(57) Abstract :

One purpose of the present invention is to provide a vehicle that has a large steering angle while suppressing an increase in the size of the vehicle front portion. The vehicle is provided with: a center transmitting plate (1061); a first center rotating portion (1641) that can rotate around a first center rotating shaft (1644) in the up down direction; a second center rotating portion (1645) that can rotate around a second center rotating shaft (1649) in the front back direction; a left transmitting plate (1062); a first left rotating portion (1651) that can rotate around a first left rotating shaft (1654) in the up down direction; a second left rotating portion (1655) that can rotate around a second left rotating shaft (1659) in the front back direction; a right transmitting plate (1063) a first right rotating portion (1665) that can rotate around a first right rotating shaft (1664) in the up down direction; and a second right rotating portion (1665) that can rotate around a first right rotating shaft (1669) in the front back direction. The second center rotating portion (1665) that can rotate around a second right rotating shaft (1669) in the front back direction. The second center rotating portion (1645) the second left rotating portion (1655) and the second right rotating portion (1665) are supported by a tie rod (1067).

No. of Pages : 71 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :22/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR IN DEVICE COEXISTENCE (IDC) INDICATION (51) International classification :H04W72/12 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :61/707206 (32) Priority Date :28/09/2012 Address of Applicant :SE 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No 1)SUSITAIVAL Riikka :PCT/SE2013/050469 **2)STATTIN Magnus** Filing Date :26/04/2013 (87) International Publication No :WO 2014/051488 3)PERSSON Håkan (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This disclosure relates to methods and apparatuses for In Device Coexistence (IDC) indication. Among other things the present disclosure presents a method performed by a user equipment (UE). The UE is configured to send 201an IDC indication message with a same content as in a previously sent IDC indication message if or when the UE has performed a handover to another cell(target cell).

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

(19) INDIA

(22) Date of filing of Application :08/05/2015

(43) Publication Date : 08/01/2016

OGIES CO. LTD.
luawei Administration Building
n Guangdong 518129 China
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(54) Title of the invention : NETWORK DATA ROLLBACK METHOD AND DEVICE

(57) Abstract :

The invention relates to the field of communications in particular to a network data rollback method and device the method comprising: when data rollback is required comparing a data snapshot at a second time label point with a data snapshot at a first time label point to identify discrepant feature data; selecting the feature data requiring rollback from the discrepant feature data and rolling back the data according to a preset rollback rule so as to roll back some or all of the network data at the second time label point to the network data status at the first time label point. The present invention uses the feature data as a unit to roll back some or all of the discrepant data of the data snapshots at two time label points.

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

(19) INDIA

(22) Date of filing of Application :05/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CATHODE FOR ELECTROLYTIC EVOLUTION OF HYDROGEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C25B11/04,C25B9/20 :MI2012A002030 :29/11/2012 :Italy :PCT/EP2013/073490 :11/11/2013 :WO 2014/082843 :NA :NA :NA :NA	 (71)Name of Applicant : 1)INDUSTRIE DE NORA S.P.A. Address of Applicant :Via Bistolfi 35 I 20134 Milan Italy (72)Name of Inventor : 1)BRICHESE Marianna 2)CALDERARA Alice 3)DEL CURTO Cecilia
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(57) Abstract :

The invention relates to an electrode suitable for use as a cathode for hydrogen evolution in industrial electrolytic processes. The electrode comprises a metallic substrate an internal catalytic layer containing rhodium and an external catalytic layer containing ruthenium.

No. of Pages : 12 No. of Claims : 9

(22) Date of filing of Application :05/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : BISPHOSPHITE MIXTURE AND USE THEREOF AS A CATALYST MIXTURE IN HYDROFORMYLATION

(57) Abstract :

The invention relates to a bisphosphite mixture to a method for the production thereof and to the reaction thereof with metals to form mixtures containing complex compounds of constitutional isomer bisphosphites and metal and to the use thereof as a catalytically active composition in hydroformylation reactions and to the corresponding hydroformylation reaction.

No. of Pages : 66 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :13/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : COATED CUTTING TOOL WITH PATTERNED SURFACE AREA

 (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)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant :SE 811 81 Sandviken Sweden (72)Name of Inventor : 1)BJÖRMANDER Carl 2)BOEHNKE David
(87) International Publication No	:WO 2014/060414	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:NA :NA	
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

cThe present invention relates to a coated cutting tool and a method of making such cutting tool wherein the tool comprises a substrate and a surface coating deposited on the substrate and covering at least a portion of the substrate the surface coating having a thickness T. The substrate comprises a plurality of recesses into the substrate within a patterned surface area within the coated portion of the substrate wherein each recess is at least partly filled by the surface coating.

No. of Pages : 25 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :13/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : BELT BUCKLE

(51) International classification	:A44B11/20,A44B11/00	(71)Name of Applicant :
(31) Priority Document No	:1020120102812	1)KIM Geun Sik
(32) Priority Date	:17/09/2012	Address of Applicant :301 LA dong Yeonhee Villa
(33) Name of priority country	:Republic of Korea	(Bongcheon dong) 69 Danggok 2 gil Gwanak gu Seoul 157 759
(86) International Application No	:PCT/KR2013/006734	Republic of Korea
Filing Date	:26/07/2013	(72)Name of Inventor :
(87) International Publication No	:WO 2014/042354	1)KIM Geun Sik
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	N. 4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a belt buckle and more particularly to a belt buckle by which a belt can be loosened while the belt is worn and damage to the belt strap can be prevented from the outset because the belt can be loosened even without having to bend the belt strap. The belt buckle according to the present invention includes: the belt strap in which holes are formed in the lengthwise direction; the buckle to one side of which the end of the belt strap is fixed and through which the distal end of the belt strap surrounding the waist passes; and a coupling pin which is inserted into one of the holes of the belt strap and which is hinge coupled with the buckle and penetrates the buckle and in which a step is formed in the end portion thereof in order to block the belt strap from moving in the lengthwise direction when the coupling pin is inserted into the hole.

No. of Pages : 21 No. of Claims : 7

(21) Application No.1087/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF RIGID FOAMED OBJECTS MADE OF POLYMER MATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:C08J9/36,C08J9/00,C08J9/10 :TV2013A000001 :04/01/2013 :Italy :PCT/IT2013/000356 :19/12/2013 :WO 2014/106867 :NA :NA	 (71)Name of Applicant : MARICELL S.R.L. Address of Applicant :Zona Industriale 15 I 32013 Longarone Italy (72)Name of Inventor : MARICELL S.R.L.
8	:NA :NA	

(57) Abstract :

2One object of the Invention is a novel utilization of organic Diazocompounds that can be advantageously employed in the manufacturing of PVC/Polyisocyanates based foamed articles insofar they do not show the adverse technical and unsafety effects showed by currently used organic Diazo based nucleation agents. More precisely the Invention refers to a process for the production of objects made of rigid expanded polymer materials mainly based on PVC and Polyisocyanates characterized by the novel use as cell nucleation agents of alternative organic free N gas releasing Diazocompounds displaying either as such and as far as their decomposition products is concerned much lower hazards for humans and environment respect to currently used Diazocompounds. Another object of the Invention is a method for obtaining the optimum dispersion of said novell gas releasing compounds that is needed in order to get the desired microsize embryos in the early stages of foam development based on the capability of used Polysocyanates and of some liquid acid organic Anhydrides to dissolve said Diazocompounds in the amounts demanded by the subject process. More particularly and for the sake of exemplification but not exclusively the Invention refers to the new employment as cell nucleation agent in the subject process of the chemical compound named 2 2 Azobis(2 methylbutanenitrile) (AMBN).

No. of Pages : 17 No. of Claims : 2

(21) Application No.906/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ELECTRODE FOR OXYGEN EVOLUTION IN INDUSTRIAL ELECTROCHEMICAL PROCESSES

(51) International classification	:C25B11/04,C25D17/10	(71)Name of Applicant :
(31) Priority Document No	:MI2012A002035	1)INDUSTRIE DE NORA S.P.A.
(32) Priority Date	:29/11/2012	Address of Applicant : Via Bistolfi 35 I 20134 Milan Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/075055	1)CALDERARA Alice
Filing Date	:29/11/2013	2)IACOPETTI Luciano
(87) International Publication No	:WO 2014/083144	3)TIMPANO Fabio
(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 an electrode for electrolytic processes in particular to an anode suitable for oxygen evolution comprising a valve metal substrate a catalytic layer a protection layer consisting of oxides of valve metals interposed between the substrate and the catalytic layer and an outer coating of oxides of valve metals. The electrode of the invention is particularly suitable for processes of cathodic electrodeposition of chromium from an aqueous solution containing Cr (III).

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

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR UNLOCKING SCREEN AND TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:201310048417.0 :06/02/2013 :China :PCT/CN2013/083500 :13/09/2013 :WO 2014/121612 :NA :NA	 (71)Name of Applicant : XIAOMI INC. Address of Applicant :Floor 13 Rainbow City Shopping Mall of China Resources NO. 68 Qinghe Middle Street Haidian District Beijing 100085 China (72)Name of Inventor : GAO Chengxing LI Weixing PENG Tao
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(57) Abstract :

A method and device for unlocking a screen and a terminal. The method comprises: aiming at the characteristics of a length variable password each time executing an input operation in an unlocking password input location a user comparing whether all the characters in the unlocking password input location match a password which is pre set by the user or not and unlocking a screen if it matches. Therefore the screen can be directly unlocked after the user correctly inputs the password without the need for the user to trigger an unlocking event after the user inputs the password thereby simplifying the operation of the user.

No. of Pages : 42 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

:H04W74/00 (71)Name of Applicant : (51) International classification 1)HUAWEI TECHNOLOGIES CO. LTD. (31) Priority Document No :NA (32) Priority Date Address of Applicant :Huawei Administration Building :NA (33) Name of priority country Bantian Longgang Shenzhen Guangdong 518129 China :NA :PCT/CN2012/084006 (72)Name of Inventor: (86) International Application No Filing Date :02/11/2012 1)ZHANG Tao (87) International Publication No :WO 2014/067135 2)LIN Bo (61) Patent of Addition to Application **3)CHEN Yuhua** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING TRANSMISSION OF UPLINK SIGNAL

(57) Abstract :

Disclosed are a method a user equipment and a base station for controlling transmission of an uplink signal. The method for controlling the transmission of the uplink signal comprises: receiving uplink signal configuration information sent by the base station; sending the uplink signal to the base station according to the uplink signal configuration information before a first timer times out; stopping sending the uplink signal to the base station when the first timer times out; receiving trigger information sent by the base station and restarting the first timer according to the trigger information; and sending the uplink signal to the base station before the first timer that is restarted times out. Embodiments of the present invention can prevent a random access process and/or sending of uplink signal reconfiguration information when the timer controlling the sending of the uplink signal is restarted so as to reduce the sending of control signaling and a useless uplink signal save a system overhead reduce a control delay speed up the sending of uplink and downstream data save battery power of the user equipment extend standby time thereof and improve user experience.

No. of Pages : 103 No. of Claims : 52

(19) INDIA

(22) Date of filing of Application :02/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : 'A METHOD TO PREPARE COPPER INDIUM GALLIUM SULPHIDE/SELENIDE CIGS AND COPPER ZINC TIN SULPHIDE/SELENIDE CZTS POWDER BY HEATING COMMERCIALLY AVAILABLE SALTS OF CU, IN, GA, SE, ZN AND SN IN LIQUID MEDIA BY MICROWAVE IRRADIATION'

		(71)Name of Applicant :
(51) International classification	:C22B15/06	
(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. West Bengal India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAGHUNANDAN SEELABOYINA
Filing Date	:NA	2)MANOJ KUMAR
(62) Divisional to Application Number	:NA	3)ALEKHYA VENKATA MADIRAJU
Filing Date	:NA	4)KSHITIJI TANEJA
-		5)KULVIR SINGH

(57) Abstract :

The invention relates to a method of producing Copper indium gallium sulphide/selenide CIGS) quaternary sputter target of (CulnxGa1-x Se2, wherein x is greater than or equal to about 0.5) and Copper zinc tin sulphide/selenide CZTS and (Cu2-aZnbSnc(S/Se)4+d wherein $0 \le a \le 1$, $0 \le c \le 1$ and $-1 \le d \le 1$) by hot iso-static pressing (HIP) uni-axial cold pressing or cold iso-static pressing (CIP) or cold iso-static pressing of microwave synthesized powders in mould of appropriate shape, size and thickness followed by pre-sintering and final sintering, wherein the CIGS powder for the preparation of target can be synthesized by microwave from any commercially available salts of Cu, In, Ga, and soluble in oleylamine or any appropriate solvent and wherein the CZTS powder for the preparation of target can be synthesized by microwave from any commercially available salts of Cu, Zn, Sn and S soluble in hydrous media in presence of ammonium Hydroxide.

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

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

(22) Date of filing of Application :05/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : REINFORCING ELEMENT FOR PRODUCING PRESTRESSED CONCRETE COMPONENTS CONCRETE COMPONENT AND PRODUCTION 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 	:17/09/2012	 (71)Name of Applicant : 1)CPC AG Address of Applicant :Niederfeldstrasse 5 Postfach 324 8450 Andelfingen Switzerland (72)Name of Inventor : 1)KURATH GROLLMANN Josef Peter
Application Number		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a reinforcing element (10) for producing prestressed concrete components a concrete component and corresponding production methods. The reinforcing element (10) comprises a plurality of fibers (12) and a plurality of holding elements (14) which are connected to each other by the fibers (12) so that the fibers (12) can be stressed in their longitudinal direction (T) by means of the holding elements (14). The fibers (12) are fixed to the holding elements (14) in such a way that the fibers (12) in the stressed state lead in a largely linear manner into the holding elements (14). This enables both a high degree of pretension and an efficient reliable and thus cost effective production of the concrete components.

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

(19) INDIA

(22) Date of filing of Application :13/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR CLEANING TANK MELTING FURNACES FOR MAKING GLASS ITEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F27D1/16,C03B5/237 :PD2012A000300 :16/10/2012 :Italy :PCT/EP2013/071333 :11/10/2013 :WO 2014/060322 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FARE S.R.L. Address of Applicant :Via Luigi Nono 84 I 30031 Dolo Italy (72)Name of Inventor : 1)BUGNO Riccardo
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(57) Abstract :

A method for cleaning tank melting furnaces (10) for making glass items provided with a melting chamber (11) which has a melting tank (12) to which a regeneration chamber (13) is connected of the type provided with at least one regenerator (15) that comprises a supporting structure (16) for layers of refractory bricks (17) which are superimposed in a staggered arrangement so as to determine paths for the descent of the cooling exhaust gases (18a 18b) that arrive from the melting chamber (11) the method consisting in sandblasting the exhaust gas descent paths (18a 18b) and providing for the insertion of a pipe (22) for the delivery of an abrasive material through openings for access from the outside (23 23a) to the regeneration chamber (13) and gradually into the exhaust gas descent paths (18a 18b).

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

(19) INDIA

(22) Date of filing of Application :13/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MULTI CONSTELLATION GNSS INTEGRITY CHECK FOR DETECTION OF TIME SIGNAL MANIPULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01S19/48 :61/751746 :11/01/2013 :U.S.A. :PCT/US2014/010422 :07/01/2014 :WO 2014/158297 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SCHWEITZER ENGINEERING LABORATORIES INC. Address of Applicant :2350 Ne Hopkins Court Pullman WA 99163 U.S.A. (72)Name of Inventor : 1)ACHANTA Shankar V.
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(57) Abstract :

The present application discloses detecting manipulation of GNSS signals using a second time source. If two or more GNSS constellation signals are being detected the phase error between the GNSS constellation signals may be monitored. When the phase error drifts then manipulation is determined. The integrity of a GNSS constellation signal may be monitored using an internal time source such as a crystal oscillator by monitoring a slope of the free running counter at the detected rising edges of a pulse per second signal from the GNSS constellation. If more than two GNSS constellations are monitored a voting scheme may be used to determine the manipulated GNSS constellation.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(19) INDIA

(22) Date of filing of Application :13/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : QUICK ACTING INSULIN FORMULATION INCLUDING A SUBSTITUTED ANIONIC COMPOUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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/FR2013/052736 :13/11/2013 ¹ :WO 2014/076423 :NA :NA	 (71)Name of Applicant : 1)ADOCIA Address of Applicant :115 avenue Lacassagne F 69003 Lyon France (72)Name of Inventor : 1)SOULA Olivier 2)SOULA Gérard 3)DAUTY Emmanuel 4)CHARVET Richard
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(57) Abstract :

The invention relates to a composition in an aqueous solution including insulin and at least one substituted anionic compound selected among the substituted anionic compounds consisting of a backbone made of a discrete number u comprised between 1 and 8 (1 = u = 8) of identical or different saccharide units bonded by identical or different glycosidic bonds said saccharide units being selected from the group comprising hexoses in cyclic form or in open reduced form said compound comprising partially substituted carboxyl functional groups being salifiable. The invention also relates to a pharmaceutical formulation including a composition according to any one of the preceding claims.

No. of Pages : 114 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :06/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ATTACHMENT MEANS GASKET ARRANGEMENT AND ASSEMBLY

(57) Abstract :

An attachment means (40) a gasket arrangement (6) and an assembly (2) are provided. The attachment means is arranged to engage with an edge portion (26 28) of a heat exchanger plate (4) for fastening a gasket (38) to a first side (8) of the heat exchanger plate. It comprises a first connection member (42) a second connection member (44) and a bridge (46). A first part (48) of the first connection member is arranged to engage with the gasket while a second part (52) of the first connection member engages with the bridge. A first part (50) of the second connection member is arranged to engage with the gasket while a second part (52) of the first connection member engages with the bridge. The attachment means is characterized in that it further comprises a plurality of fingers (60 62 64) arranged between the first and second connection members. A respective connection part (66 68 70) of each finger engages which the bridge and the fingers are arranged to extend from the bridge towards the gasket. At least one of the fingers is arranged to engage with the first side (8) of the heat exchanger plate and at least another one of the fingers is arranged to engage with a second opposite side of the heat exchanger plate.

No. of Pages : 23 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :25/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR MEDIA DATA DELIVERY 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 	:H04N21/23,H04N21/43 :61/712045 :10/10/2012 :U.S.A. :PCT/KR2013/009049 :10/10/2013 :WO 2014/058237 :NA :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)BOUAZIZI Imed 2)BHAT Kong Posh 3)LIM Young Kwon
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(57) Abstract :

A method and apparatus control delivery of media data in a transmission system. A method of operating a sending entity in the transmission system includes identifying a fixed delay associated with transmission of media data in the transmission system and sending information about the fixed delay as a requirement on a length of time after transmission that the media data is passed to an application layer component or presented to a user of a receiving entity. A method of operating a receiving entity in the transmission system includes receiving media data and information about a fixed delay associated with the media data and identifying a requirement on a length of time after transmission layer component or presented to a user of a transmission that the media data and identifying a requirement on a length of time after transmission that the media data is passed to an application layer component or presented to a user from the information about the fixed delay.

No. of Pages : 23 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :20/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ENGINE WITH DECOMPRESSION 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 		(71)Name of Applicant : 1)SANYANG MOTOR CO., LTD.

(57) Abstract :

An engine with decompression devices includes a cylinder head, a crankshaft, an integrated starter and generator, a control unit, a oneway decompression device and a centrifugal decompression device. When the crankshaft turns reversely, the one-way decompression device acts on either an intake rocker arm or an exhaust rocker arm such that either an intake valve or an exhaust valve is opened for a first tiny valve lift; and that the centrifugal decompression device, under a specific rotation speed of the crankshaft, acts on either the intake rocker arm or the exhaust rocker arm such that either the intake valve or the exhaust valve is opened for a second tiny valve lift. Thereby, with performance of the two decompression devices, energy consumption required for the integrated starter and generator to drive the crankshaft for rotation can be reduced.

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

(22) Date of filing of Application :03/04/2015

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F04D29/16 :10 2012 218 606.9 :12/10/2012 :Germany :PCT/EP2013/069243	 (71)Name of Applicant : 1)KSB AKTIENGESELLSCHAFT Address of Applicant :Johann Klein Straße 9 67227 Frankenthal Germany (72)Name of Inventor :
(51) International classification	:F04D29/16	(71)Name of Applicant :
(31) Priority Document No	:10 2012 218 606.9	1)KSB AKTIENGESELLSCHAFT
(32) Priority Date	:12/10/2012	Address of Applicant : Johann Klein Straße 9 67227
(33) Name of priority country	:Germany	Frankenthal Germany
(86) International Application No	:PCT/EP2013/069243	(72)Name of Inventor :
Filing Date	:17/09/2013	1)KSB AKTIENGESELLSCHAFT
(87) International Publication No	:WO 2014/056682	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : SPLIT RING HAVING A SELF REGULATING THROTTLE GAP

(57) Abstract :

The invention relates to a sealing element as a split ring comprising a self regulating throttle gap (6) for sealing a rotating component (1)against a stationary housing (2) wherein in the gap between the rotating component and the housing a split ring (7) is provided wherein a ring space (4) filled with medium is formed on the stationary housing on a surface that is delimiting the gap in a radial manner wherein the ring space is oriented such that the ring space is concentric in relation to the rotating component wherein the ring space is enclosed by a split ring (7) that is designed in a U shape wherein between the U shaped split ring (7) and the housing (2) an axial throttle gap and between the split ring (7) and the rotating component a radial gap which is filled with a medium and through which a medium flows is provided.

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

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:B23B51/02	(71)Name of Applicant :
(31) Priority Document No	:13/684947	1)ISCAR LTD.
(32) Priority Date	:26/11/2012	Address of Applicant : P.O. Box 11 24959 Tefen Israel
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IL2013/050890	1)HECHT Gil
Filing Date	:31/10/2013	
(87) International Publication No	:WO 2014/080395	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(54) Title of the invention : CUTTING TOOL AND CUTTING INSERT WITH A REARWARD RESILIENCE SLIT

(57) Abstract :

A cutting insert has a head portion and a coupling portion protruding rearwards from the head portion along a longitudinal insert axis. The head portion has a base surface at a rearward end thereof defining a base plane and two major surfaces. A coupling portion rear surface is longitudinally spaced apart from the base surface and a cylindrical coupling peripheral surface extends between the coupling portion rear surface and the base surface. A resilience slit has two opposite inner walls converging forwards towards a slit inner end terminating at a slit inner end plane. The slit inner end plane is parallel to the base plane and spaced apart therefrom by a longitudinal distance. The inner walls of the resilience slit form a first acute slit angle therebetween.

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

(19) INDIA

(22) Date of filing of Application :01/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : A SELF RESPONSIVE RADIO FREQUENCY IDENTIFICATION TAGS (RFID)

(51) International allocation	JIO 4 D 1 /29	(71)Nome of Applicant.
(51) International classification	:HU4D1/38	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant : REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, INDIA. West Bengal India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KANDAVALLI VEERA VENKATA RAJU
(62) Divisional to Application Number	:NA	2)DEEPAK SACHAN
Filing Date	:NA	3)SUBRATA BISWAS

(57) Abstract :

The present invention is provided with a method to identify the location of an object using a Self Responsive Locating Device (SRLD), the method comprising the steps of identification of the area where the object with inbuilt tag ID is likely to be located; setting search mode a device, enabled to read the data of the said object; comparison of the data stored within the said device with the plurality of tag ID located within the range; generation of a response signal to the locating device wherein the said SRLD activates a visual means and an alarm located within the SRLD indicating identification of the object.

No. of Pages : 9 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :03/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SHRINKABLE CORE FOR FORMING HOLLOW PRECAST LOAD BEARING WALL PANELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (27) International Publication 	:E04B2/56,E04G15/06,B28B7/00 :12186355.9 :27/09/2012 :EPO :PCT/EP2013/070103 :26/09/2013	 (71)Name of Applicant : 1)ALWATAN UNITES CO. LLC. Address of Applicant :P.O. Box 22181 11495 Riyadh Saudi Arabia (72)Name of Inventor : 1)ALSHAIKH Abdullatif Saleh Abdullah
(87) International Publication No	:WO 2014/049069	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A shrinkable core (100) for inserting in a mold (200) for forming a precast load bearing wall panel having a cavity the shrinkable core (100) comprises a first wall (110) and a second wall (120) a first side element (112) and a second side element (122) and a spacing element (130). The first wall (110) and second wall (120) are spaced from to each other by a first distance (dl) to define an internal region (115) in between. The first side element (112) and the second side element (122) are arranged to close opposite edge portions of the spaced first wall (110) and second wall (120) such that fluid concrete cannot pass the opposite edge portions to get into the internal region (115) the first side element (112) and second side element (122) being spaced by a second distance (d2). The spacing element (130) is configured to vary at least one of the first distance (d1) and the second distance (d2) such that a circumference along the first and second walls (110 120) and the first and second side elements (112 122) shrinks monotonically with lowering said at least one distance.

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

(19) INDIA

(22) Date of filing of Application :03/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MIXTURE OF CONSTITUTIONAL ISOMER BISPHOSPHITES

(51) International classification	:C07F9/6574,B01J31/02,B01J31/18	(71)Name of Applicant : 1)EVONIK DEGUSSA GMBH
(31) Priority Document No	:102012218627.1	Address of Applicant :Rellinghauser Straße 1 11 45128 Essen
(32) Priority Date	:12/10/2012	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2013/070224 :27/09/2013	1)CHRISTIANSEN Andrea 2)FRANKE Robert 3)FRIDAG Dirk
(87) International Publication No	:WO 2014/056735	4)HESS Dieter 5)DYBALLA Katrin Marie
(61) Patent of Addition to Application Number Filing Date	:NA :NA	6)HANNEBAUER Bernd
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to mixtures of constitutional isomer bisphosphites of formulae (1a) and (2a) to a method for the production thereof to the reaction thereof with metals to form mixtures containing complex compounds of the constitutional isomer bisphosphites of formulae (1a) and (2a) and the metal and to the use thereof as a catalytically active composition in hydroformylation reactions. Said hydroformylactically active compositions comprises in addition to the complex compounds of metal and the constitutional isomer bisphosphites of formulae (1a) and (2a) non bound bisphosphites of the constitutional isomer bisphosphites of formulae (1a) and (2a) and the metal and to a composition to the complex compounds of metal and the constitutional isomer bisphosphites of formulae (1a) and (2a) non bound bisphosphites of the constitutional isomer bisphosphites of formulae (1a) and (2a) and at least one additional component.

No. of Pages : 105 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SWITCHGEAR ASSEMBLY SWITCHPANEL

 (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/EP2013/072025 :22/10/2013	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor : 1)SIEMENS AKTIENGESELLSCHAFT
 No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:WO 2014/067809 :NA :NA	
Number Filing Date	:NA :NA	

(57) Abstract :

A switchgear assembly switchpanel has a busbar section running in the direction of a transverse axis. The busbar section is used for connecting two switchgear assembly switchpanels wherein the busbar section has a plurality of phase conductor housings (11a 11b) extending in the direction of the transverse axis for accommodating phase conductors. At least one of the phase conductor housings (11a 11b) is equipped with an interface wherein at least one of the interfaces of a phase conductor housing (11a 11b) is connected to a Y housing module (9 9a).

No. of Pages : 69 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :20/04/2015

(43) Publication Date : 08/01/2016

		-
(51) International classification	:H04W24/06	(71)Name of Applicant :
(31) Priority Document No	:61/705341	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:25/09/2012	Address of Applicant :Se 164 83 S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IB2013/058174	1)LIGHTSTONE Leonard
Filing Date	:30/08/2013	2)SKÄRBY Christian
(87) International Publication No	:WO 2014/049468	
(61) Patent of Addition to Application	.NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for determining whether a radio unit in a shared cell configuration is hearable by a user equipment is provided.

(54) Title of the invention : DETERMINING HEARABILITY IN A HETEROGENOUS COMMUNICATION NETWORK

Transmission of a probe message to the user equipment by the radio unit is caused. The probe message invokes a probe response from the user equipment if the radio unit is hearable by the user equipment on a downlink channel. The radio unit is hearable by the user equipment if the downlink channel performance between the radio unit and the user equipment meets a predetermined signal criteria. An uplink channel associated with the user equipment is monitored for the probe response from the user equipment after transmission of the probe message. Hearability data associated with the user equipment is determined based on the monitored uplink channel. The hearability data indicates whether the radio unit is hearable by the user equipment the downlink channel.

No. of Pages : 35 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :21/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEM AND METHOD FOR AD HOC/NETWORK ASSISTED DEVICE DISCOVERY PROTOCOL FOR DEVICE TO DEVICE COMMUNICATIONS

(32) Priority Date :19/10/2012 si Gya (33) Name of priority :U.S.A. (72) N (86) International :PCT/KR2013/009348 2) N	Address of Applicant :129 Samsung ro Yeongtong gu Suwon Gyeonggi do 443 742 Republic of Korea 2)Name of Inventor : 1)NOVLAN Thomas David 2)NAM Young Han 3)NG Boon Loong
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(57) Abstract :

A system and method for device to device (D2D) network-assisted device discovery are provided. The method includes initiating the D2D network-assisted device discovery of a receiving UE to enable a target UE and the receiving UE to establish a D2D communication. The method also includes performing a discovery feasibility measurement to determine whether a D2D communication between the target UE and the receiving UE is feasible. The method further includes transmitting a discovery setup message and receiving a discovery report from the target UE.

No. of Pages : 71 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION		(21) Application No.914/KOLNP/2015 A
(19) INDIA		
(22) Date of filing of Application :05/04/2015		(43) Publication Date : 08/01/2016
(54) Title of the invention : CORNER RA	DIUS END MILL	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23C5/10 :13/676974 :14/11/2012 :U.S.A. :PCT/IL2013/050905 :05/11/2013 :WO 2014/076691 :NA :NA :NA :NA	 (71)Name of Applicant : 1)ISCAR LTD. Address of Applicant :P.O.Box 11 24959 Tefen Israel (72)Name of Inventor : 1)BUDDA Eliyahu 2)KHINA Alexander

(57) Abstract :

A comer radius end mill (10) includes a blended gash (40) extending along a cutting edge (44). The blended gash (40) is formed in a corner sector of the end mill. The blended gash (40) extends from a first extremity such that it leaves more than half of the radius corner cutting edge (44) of radius (R) free of gashing. The blended gash (40) blends an end gash surface (66) and flute rake surface (48) of the comer radius end mill (10).

No. of Pages : 23 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :06/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ELECTROLYTIC CELL EQUIPPED WITH MICROELECTRODES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:08/11/2013	 (71)Name of Applicant : 1)INDUSTRIE DE NORA S.P.A. Address of Applicant :Via Bistolfi 35 I 20134 Milan Italy (72)Name of Inventor : 1)GULL • Andrea Francesco
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to an electrolytic cell equipped with microelectrodes for the generation of un separated products and the method for obtaining it. The cell and the microelectrodes of the present invention are obtained using a technology for the production of microelectromechanical systems (MEMS). The anodic and cathodic microelectrodes have an electrocatalytic coating and are mutually intercalated at an interelectrodic gap lower than 300 micrometres.

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

(19) INDIA

(22) Date of filing of Application :09/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : TRANSFER DEVICE ELECTRONIC SIGNATURE TOOL DETECTION DEVICE AND INTERFACE DETECTION 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 	:14/06/2013 :WO 2014/040435 :NA :NA :NA	 (71)Name of Applicant : 1)TENDYRON CORPORATION Address of Applicant :1810 Tower B No.38 Xueqing Road Haidian District Beijing 100083 China (72)Name of Inventor : 1)TENDYRON CORPORATION
Filing Date	:NA	

(57) Abstract :

Provided is an audio signal transfer device. The device comprises: a first interface a second interface an audio signal amplification circuit and an impedance circuit. The first interface comprises an audio signal receiving pin a microphone pin and a ground pin. The second interface comprises an audio signal output pin. The audio signal amplification circuit is used for amplifying the audio signals received by the audio signal receiving pin and outputting same to the audio signal output pin. The audio signals received by the audio signals received by the microphone pin or flow to the ground pin through an impedance equivalent part of the audio signal amplification circuit. The impedance circuit is coupled between the microphone pin and the ground pin. The audio signal transfer device according to the present invention can detect whether the wire sequence of a microphone pin and a ground pin of an audio plug of the transfer device is the same as the wire sequence of a detection device. Also provided are an electronic signature tool a detection device and an interface detection system of an audio signal transfer device.

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

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR COMPRESSING MEMORY OF ELECTRONIC DEVICE

 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	1	Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor : 1)KANG Byoungik 2)PARK Jinyoung 3)SHIN Heesub 4)LEE Seungwook
11	NA NA	

(57) Abstract :

The present invention relates to a method and an apparatus for compressing a memory of an electronic device. More specifically the method for compressing a memory of an electronic device according to the present invention comprises: a detection step of detecting a request to execute a first application; a determination step of determining whether memory compression is required or not for the execution of the first application; a compression step of compressing a memory corresponding to the application running in the background of the electronic device if memory compression is required; and an execution step of executing the first application.

No. of Pages : 88 No. of Claims : 44

(21) Application No.968/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD AND A MONITORING SYSTEM FOR MONITORING GAS STUNNING OF BIRDS :A22B3/00,A22B3/08 (71)Name of Applicant : (51) International classification (31) Priority Document No :PA 2012 70552 1)LINCO FOOD SYSTEMS A/S (32) Priority Date Address of Applicant : Vesterm llevei 9 DK 8380 Trige :10/09/2012 (33) Name of priority country :Denmark Denmark (86) International Application No :PCT/DK2013/050289 (72)Name of Inventor : Filing Date :10/09/2013 **1)THULIN Pernille** (87) International Publication No :WO 2014/037015 2)LYNGHOLM Michael (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method for monitoring gas stunning of birds where groups of birds are conveyed into and out of a stunning zone (1) and where the concentration of the stunning gas in the stunning zone is measured and adjusted for optimal stunning. The gas concentration is measured at a plurality of measuring positions in the stunning zone and a visual inspection of the birds is performed at two or more of the measuring positions using a visual inspection unit (76) such as a camera which is moved into the stunning zone together with the group of birds. The groups of birds are advantageously kept in crates (3). The visual inspection unit may be part of a monitoring unit (71) further including a gas sensor (75) said monitoring unit being used for simultaneous measuring of the concentration of the stunning gas and inspection the birds at two or more monitoring positions.

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

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYMMETRIC PUNCTURING FOR CQI/PCI REPORTING ON THE HS DPCCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H03M13/23,H04L1/00 :61/698868 :10/09/2012 :U.S.A. :PCT/SE2013/050717 :18/06/2013 :WO 2014/038993 :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)NAMMI Sairamesh
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(57) Abstract :

Methods and apparatus for encoding control information with subsequent puncturing are disclosed. Control information generated by a user equipment (UE) is provided where the control information comprises a first bit sequence a second bit sequence and a third bit sequence (1804). The method comprises: arranging said bit sequences to produce a bit sequence XI (1806); padding the bit sequence XI with a bit sequence P to produce a bit sequence XI (1808); convolution encoding the bit sequence XI to produce an encoded bit sequence Zl (1810); and puncturing the bit sequence Zl using a predefined puncturing pattern to produce a bit sequence Rl (1812) wherein the predefined puncturing pattern is a rotationally symmetric puncturing pattern (700 900). The control information may comprise CQI/PCI reports which may be transmitted on a HS DPCCH.

No. of Pages : 35 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :24/04/2015

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H02P21/00,H02P27/04 :2012240326 :31/10/2012 :Japan :PCT/JP2013/077365 :08/10/2013 :WO 2014/069188	 (71)Name of Applicant : 1)DAIKIN INDUSTRIESLTD. Address of Applicant :Umeda Center Building 4 12 Nakazaki Nishi 2 chome Kita ku Osaka shi Osaka 5308323 Japan (72)Name of Inventor : 1)ARAKI Takeshi 2)KOBAYASHI Naoto
(86) International Application No	:PCT/JP2013/077365	(72)Name of Inventor :
6		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KITANO Nobuki
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : METHOD FOR CONTROLLING PRIMARY MAGNETIC FLUX

(57) Abstract :

Provided is a technique for driving a rotating electrical machine at an efficient operation point in accordance with a torque by appropriately controlling the current phase with a primary magnetic flux command value modified in accordance with the torque in a primary magnetic flux control. When an amplitude d of a primary magnetic flux adopts a value d0 (T) for a torque T the amplitude ia of an armature current is set to the minimum value. At this time a maximum torque/current control can be performed. Therefore an armature current may be automatically determined by controlling the primary magnetic flux with the value d0 (T) adopted as the amplitude of the primary magnetic flux command value. That is a current phase is uniquely determined. In short the current phase is controlled to be a desired phase in accordance with the torque T and thus the rotating electrical machine can be driven at an efficient operation point in accordance with the torque.

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

(19) INDIA

(22) Date of filing of Application :03/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : MIXTURE OF DIFFERENT ASYMMETRICAL BISOPHOSPHITES AND USE THEREOF AS A CATALYST MIXTURE FOR HYDROFORMYLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:Germany :PCT/EP2013/070238 :27/09/2013 :WO 2014/056737 :NA :NA	 (71)Name of Applicant : EVONIK DEGUSSA GMBH Address of Applicant :Rellinghauser Straße 1 11 45128 Essen Germany (72)Name of Inventor : CHRISTIANSEN Andrea FRANKE Robert FRIDAG Dirk HESS Dieter DYBALLA Katrin Marie HANNEBAUER Bernd
(62) Divisional to Application Number Filing Date	¹ :NA :NA	

(57) Abstract :

The invention relates to a mixture of asymmetrical bisphosphites to a method for production thereof and to the reaction thereof with metals to form mixtures containing complex compounds of bisphosphites and the metal and to the use thereof as a catalytically active composition in hydroformylation reactions and to the corresponding hydroformylation reaction.

No. of Pages : 36 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :03/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : ENZYMATIC DEGUMMING :C11B3/00,C11B3/04,C11B7/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ALFA LAVAL CORPORATE AB :NA (32) Priority Date :NA Address of Applicant :Box 73 S 221 00 Lund Sweden (33) Name of priority country :NA (72)Name of Inventor : (86) International Application No: PCT/EP2012/071568 1)ALFA LAVAL CORPORATE AB Filing Date :31/10/2012 (87) International Publication No :WO 2014/067569 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The present invention relates to a method for treating vegetable oils and/or animal fats. The method comprises adjusting temperature treatment with acid adjusting pH contacting the aqueous mixture with enzyme crystallization of high melting glycerides and separation.

No. of Pages : 12 No. of Claims : 13

(21) Application No.892/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:A61M1/14	(71)Name of Applicant :
(31) Priority Document No	:2012223827	1)TORAY INDUSTRIES INC.
(32) Priority Date	:09/10/2012	Address of Applicant :1 1 Nihonbashi Muromachi 2 chome
(33) Name of priority country	:Japan	Chuo ku Tokyo 1038666 Japan
(86) International Application No	:PCT/JP2013/076900	(72)Name of Inventor :
Filing Date	:03/10/2013	1)OKA Yumi
(87) International Publication No	:WO 2014/057856	2)FUJII Kohei
(61) Patent of Addition to Application	:NA	3)NAKAMATSU Osamu
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(54) Title of the invention : PLUG MEDICAL MODULE AND MEDICAL SYSTEM

(57) Abstract :

A plug which is detachably attached to a fluid port of a medical module wherein a lid portion of the plug comprises a part to be penetrated through which a cylindrical tubular connection part of a fluid treatment device is capable of penetrating the lid portion in a state where the plug is attached to the fluid port when the connection part and the fluid port are connected so as to allow fluid to pass therethrough. The part to be penetrated has a thickness of 0.2 to 3.0 mm and is formed with a soft synthetic resin having a flexural modulus of 100 to 1500 MPa or with an elastic body having a Shore A hardness of 40 to 90. Additionally the plug comprises a connection part sealing part which liquid tightly abuts the connection part in a state where the connection part is inserted inside the plug. Thus the medical module and the fluid treatment device can be connected hygienically in a simple manner without removing the plug.

No. of Pages : 35 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :04/04/2015

(43) Publication Date : 08/01/2016

(51) International classification(31) Priority Document No(32) Priority Date	:H04L29/12 :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building
 (33) Name of priority country (86) International 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 :PCT/CN2012/082427 :29/09/2012 :WO 2014/047919 :NA :NA :NA :NA	Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)ZOU Yongjun 2)ZHENG Qi 3)YU Yini

(54) Title of the invention : ADDRESS ALLOCATION METHOD DEVICE AND SYSTEM

(57) Abstract :

Provided is an address allocation method comprising: configuring a DNS server and a DNS64 server for one and the same access point of a gateway at the same time; judging whether a terminal requesting to access a network server supports an IPv4 protocol stack; and if so then allocating to the terminal a DNS address pointing to the DNS server. The DNS server is used for sending to the terminal an IPv4 address and/or IPv6 address of the network server. The DNS64 server is used for combining an IPv4 address of an IPv4 network server which only supports an IPv4 protocol stack into an IPv6 address and sending same to the terminal. Also disclosed are an address allocation device and system. With the present invention different addresses can be allocated according to the type of protocol stack supported by a terminal enabling a dual stack terminal to access an IPv4 server with IPv4 protocol stack all the time thus reducing the costs of operators improving the user experience and avoiding various defects of NAT64.

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

(19) INDIA

(22) Date of filing of Application :04/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR PRINTING ON A SUBSTRATE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B41J11/00 :61/697966 :07/09/2012 :U.S.A. :PCT/IB2013/002671 :09/09/2013 :WO 2014/037814 :NA :NA :NA	 (71)Name of Applicant : 1)FUNAI ELECTRIC CO. LTD. Address of Applicant :7 7 1 Nakagaito Daito shi Osaka 5740013 Japan (72)Name of Inventor : 1)CORNELL Robert Wilson 2)YOUNG Chad 3)BONEWITS Jancy
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(57) Abstract :

A printing system including a printing device operable for applying one or more inks onto a substrate and a heating device operable for heating the substrate prior to application of the one or more inks onto the substrate.

No. of Pages : 28 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : FINDING CHANNEL STATE INFORMATION WITH REDUCED CODEBOOK IN A MULTI ANTENNA WIRELESS COMMUNICATION SYSTEM

Filing Date :NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/610319 :11/09/2012 :U.S.A. :PCT/EP2013/068378 :05/09/2013 :WO 2014/040906 :NA :NA :NA	 (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
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(57) Abstract :

Multiple antennas employed at the transmitter (110) and receiver (120) can significantly increase a MIMO system (100) capacity especially when channel knowledge is available at the transmitter (110). Channel state information may be provided to the transmitter (110) by the receiver (120) in a codebook based precoding feedback. In a proposed approach is proposed in which the receiver (120) conducts a search of precoder elements of a codebook to provide the transmitter (110) with rank information and precoder control index that enhances capacity. Unlike the conventional exhaustive search the proposed approach reduces complexity by reducing the search space of precoder elements for consideration. Performance loss is minimized by reducing the search space of higher rank precoder elements. For some ranks the complexity is reduced without any performance sacrifice by grouping the precoder elements of the rank into groups of equivalent capacities and including at most one precoder element from each group into the search space.

No. of Pages : 62 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :21/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR CASTING CONCRETE 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 	:20145405 :05/05/2014 :Finland :NA :NA :NA :NA	 (71)Name of Applicant : 1)ELEMATIC OY AB Address of Applicant :PL 33, FI-37801 AKAA FINLAND (72)Name of Inventor : 1)EILOLA, JANI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Method and apparatus for casting concrete products, in which method concrete products are cast with a cir culating line casting process (1, 1) where casting mold tables are transferred from one workstation to another, wherein the time which a mold table remains in a workstation is determined and stored for further analysis.

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

(19) INDIA

(22) Date of filing of Application :05/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : FOOD PRODUCT MADE FROM PLANT PARTS CONTAINING STARCH AND METHOD FOR THE PRODUCTION OF SAID FOOD PRODUCT

(51) International classification(31) Priority Document No(32) Priority Date	:A23L1/015,A23L1/212,A23J1/14 :20 2012 104 218.5 :02/11/2012	 (71)Name of Applicant : 1)EMSLAND ST,,RKE GMBH Address of Applicant :Emslandstrasse 58 49824 Emlichheim
(33) Name of priority country	:Germany	Germany
(86) International Application No Filing Date	:PCT/IB2013/059358 :15/10/2013	(72)Name of Inventor :1)WOLL Karl Ludwig2)VETTE Mareen
(87) International Publication No	:WO 2014/068433	
(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 vegetable particulate food product produced from plant parts containing starch said food product having at least one content of a constituent that can be removed by means of water that is reduced by 20 to 90 wt% of the original content in comparison with the native plant part and a method for producing said food product.

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

(22) Date of filing of Application :05/04/2015

(54) Title of the invention · INTERFACE STRUCTURE

(34) The of the invention . INTERFACE	STRUCTURE	
(51) International classification	:B23Q1/00,B23Q3/10	(71)Name of Applicant :
(31) Priority Document No	:TV2012U000044	1)CANUTO Almerino
(32) Priority Date	:15/10/2012	Address of Applicant : Via San Michele 13 I 31032 Casale Sul
(33) Name of priority country	:Italy	Sile Italy
(86) International Application No	:PCT/EP2013/061355	(72)Name of Inventor :
Filing Date	:03/06/2013	1)CANUTO Almerino
(87) International Publication No	:WO 2014/060122	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An interface structure (1) for automatic locking systems for the mounting of blanks that are associable with a plate (2) which can be associated with a base (4) for supporting a T shaped element (7) which can move axially to an abutment (17) which is integral with the base (4) and the shank (11) of which has balls (16) that selectively protrude outside the abutment (17) characterized in that it is constituted by a sleeve (24) which is provided in a single body and can be associated detachably and coaxially with the abutment (17) and is provided axially to a first lower end (25) with a first seat (26) from which an annular ridge (27) protrudes provided with means for temporary fastening to the balls (16) the fastening means being adapted to determine the stable connection with the abutment (17) the sleeve (24) having axially to a second upper end (33) means for the jaw connection of a U shaped toothed pivot (34) provided with a centering bush (35).

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

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND NODE FOR POSITIONING IN COMBINED CELL

(51) International classification	:H04W64/00,G01S5/10,H04W28/18	(71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(31) Priority Document No	:NA	Address of Applicant :SE 164 83 Stockholm Sweden
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(86) International ApplicationNoFiling Date	PCT/SE2012/051086 :10/10/2012	
(87) International Publication No	:WO 2014/058363	
(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 in a first radio base station of a wireless communication system for transmitting a reference signal for positioning in a cell. The cell is hosted by the first radio base station and served by a plurality of transmission points. Each transmission point is associated with a value of a first attribute indicating whether transmission of the reference signal for positioning is enabled for the associated transmission point. The method comprises selecting (510) at least one transmission point among the plurality of transmission points based on the values of the first attribute and transmitting (520) the reference signal for positioning in the cell from the selected at least one transmission point only.

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

(22) Date of filing of Application :09/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : WINDING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B65H26/00,B65H19/22 :10 2012 220 813.5 :14/11/2012 :Germany :PCT/EP2013/073634	 (71)Name of Applicant : 1)WINDMÖLLER & HÖLSCHER KG Address of Applicant :Münsterstrasse 50 49525 Lengerich Germany (72)Name of Inventor :
(80) International Puppleadon 10 Filing Date (87) International Publication No	:12/11/2013 :WO 2014/076089	1)HOFFMANN Frank 2)KOSER Oliver
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KAMMANN Rolf
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention describes a winding apparatus (1) for successively winding up at least one material web (11) more particularly a plastic film web onto rolls (7) comprising: a machine frame (4) at least one rotary disc which is rotatably mounted in the machine frame at least two winding points (5 5 5) for bearing the roll (7) which are rotatably mounted in the rotary disc of which a first winding point (5) can be brought into a winding position and a second winding point (5 5) can be brought into a loading and/or unloading position. At least one protective element (20) can be brought into the region between the two rolls (5 5).

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

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H04W52/14	(71)Name of Applicant :
(31) Priority Document No	:PCT/CN2012/082489	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:29/09/2012	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2013/084072	(72)Name of Inventor :
Filing Date	:24/09/2013	1)CHENG Yan
(87) International Publication No	:WO 2014/048297	2)YAN Zhiyu
(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 USER EQUIPMENT AND BASE STATION FOR DETERMINING POWER

(57) Abstract :

The embodiment of the present invention provides a method user equipment and base station for determining power. The method comprises the following steps: determining the initial transmitting power of each transmitting object in transmitting object set; when the total of the initial transmitting power of each transmitting object in transmitting object set is greater than the maximal transmitting power cutting down the power based on the priority order of the transmitting object corresponding information to obtain useable transmitting object in transmitting object in transmitting object in transmitting power of each transmitting object set is not greater than the maximal transmitting power; transmitting each transmitting object set. The method user equipment and base station for determining power in the embodiment of the present invention can solve the problem that the total of the user's transmitting power of the object to be transmitted is greater than the user's maximal transmitting power.

No. of Pages : 107 No. of Claims : 58

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : TOOLHOLDER WITH INSERT CLAMP AND METHOD FOR CHANGING CUTTING INSERTS ON A TOOLHOLDER

(51) International classification	:B23B27/16	(71)Name of Applicant :
(31) Priority Document No	:12188189.0	1)SECO TOOLS AB
(32) Priority Date	:11/10/2012	Address of Applicant :SE 737 82 Fagersta Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2013/070796	1)ERIKSSON Roger
Filing Date	:07/10/2013	
(87) International Publication No	:WO 2014/056830	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A toolholder (21) for use with a cutting insert (23) having a clamping opening (25) comprising: a toolholder body (27); and a clamp (29) pivotably mounted to and contacting the toolholder body (27) and pivotable between a first position in which a protrusion (31) of the clamp (29) is disposed in a position in which it is adapted to be received in the clamping opening (25) in the cutting insert (23) to secure the cutting insert (23) to the toolholder body (27) and a second position in which the protrusion (31) is spaced relative to the toolholder (21) upwardly from the first position so that the cutting insert (23) is not secured to the toolholder body (27) by the protrusion (31). A resilient member (41) is arranged relative to the clamp (29) to urge the clamp (29) to the first position and to resist pivoting of the clamp (29) to the second position. An opening (630 ;630) in the clamp (29) may receive a portion of a separate lever. A method for changing cutting inserts on a toolholder is also provided.

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

(19) INDIA

(22) Date of filing of Application :21/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : FLUID LEVEL SENSING APPARATUS AND METHOD OF USING THE SAME FOR INKJET PRINTING SYSTEMS

(51) International classification	:B41J2/175	(71)Name of Applicant :
(31) Priority Document No	:61/704679	1)FUNAI ELECTRIC CO. LTD.
(32) Priority Date	:24/09/2012	Address of Applicant :7 7 1 Nakagaito Daito Shi Osaka 574
(33) Name of priority country	:U.S.A.	0013 Japan
(86) International Application No	:PCT/IB2013/002820	(72)Name of Inventor :
Filing Date	:24/09/2013	1)MUYSKENS Robert H.
(87) International Publication No	:WO 2014/045128	2)MARRA Michael A.
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		l

(57) Abstract :

BIUUIBAn inkjet printing system is disclosed and comprises at least one fluid reservoir containing a fluid a fluid line that fluidly couples the at least one fluid reservoir with an imaging device and a fluid level sensing apparatus fluidly coupled with the at least one fluid reservoir. The fluid level sensing apparatus comprises: a bottom portion having a fluid volume V; an intermediate portion vertically adjacent the bottom portion and having a fluid volume V the intermediate portion including a first fluid sensor spaced vertically from a second fluid sensor; and an upper portion vertically adjacent the intermediate portion and having a fluid volume V wherein V > V > V. The inkjet printing system also comprises a pump fluidly coupled with the at least one fluid level sensing apparatus and configured to exert fluid pressure along the at least one fluid level sensing apparatus.

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

(21) Application No.973/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : PISTON RING WITH VARYING APEX LINES

(57) Abstract :

The invention relates to a piston ring (1) with an outer running surface (3) two flanks (5 6) and an inner circumferential surface (7). The running surface (3) has a profile. The profile of the running surface is essentially convexly spherical (10) and has an apex (B1). The axial position of the apex (B1) varies periodically in the circumferential direction.

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

(19) INDIA

(22) Date of filing of Application :05/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : POLYMERIC VEHICLE GLAZING WITH A FLUSH MOUNTED OPAQUE EDGE ZONE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B29C45/16,H05B3/86,B60J1/00 :12190571.5 :30/10/2012 :EPO :PCT/EP2013/070708 :04/10/2013	 (71)Name of Applicant : 1)SAINT GOBAIN GLASS FRANCE Address of Applicant :18 avenue dAlsace F 92400 Courbevoie France (72)Name of Inventor : 1)SAINT GOBAIN GLASS FRANCE
(87) International Publication No (61) Patent of Addition to Application Number	o:WO 2014/067745 :NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Polymeric vehicle glazing (1) at least comprising an outer face (I) and an inner face (IV) a transparent polymeric component (2) at the outer face (I) and the inner face (IV) an opaque polymeric component (3) flush mounted at the inner face (IV) in at least one section of the transparent polymeric component (2).

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

(19) INDIA

(22) Date of filing of Application :27/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : HINGE DEVICE FOR DOORS SHUTTERS AND THE LIKE :E05F3/12,E05F3/20,E05F1/12 (71)Name of Applicant : (51) International classification (31) Priority Document No :VI2012A000254 1)IN & TEC S.R.L. (32) Priority Date :04/10/2012 Address of Applicant : Via Guglielmo Oberdan 1/A I 25128 (33) Name of priority country :Italy Brescia Italy :PCT/IB2013/059120 (72)Name of Inventor: (86) International Application No Filing Date :04/10/2013 1)BACCHETTI Luciano (87) International Publication No :WO 2014/054028 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A hinge device comprising a first fixed tubular half shell (12) including a working chamber (20) defining a longitudinal axis (X) a second tubular half shell (13) rotatable about the axis (X) a pivot (50) rotating unitary with the latter which includes a single passing through actuating member (72) having helical shape a plunger member (30) slidable along the axis (X) and a tubular bushing (80) having a pair of guide cam slots (81). A pin (73) inserted within the passing through actuating member (72) is provided to allow the mutual engagement of the pivot (50) and the bushing (80). The first tubular half shell (12) includes an end portion (16) susceptible to rotatably support the pivot (50) the second tubular half shell (13) and the bushing (80) are coaxially coupled to each other the bushing (80) and the first tubular half shell (12) are mutually unitary coupled.

No. of Pages : 64 No. of Claims : 44

(19) INDIA

(22) Date of filing of Application :21/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : STRUCTURAL ADHESIVE ASSEMBLIES		
 (54) The of the invention : STRUCTOR (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		 (71)Name of Applicant : (71)ZEPHYROS INC Address of Applicant :160 McLean Drive Romeo MI 48065 U.S.A. (72)Name of Inventor :
Filing Date (87) International Publication No	:14/03/2013 :WO 2014/051687	1)QUADERER Dean
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A device and method for reinforcing, baffling or sealing a vehicle structure, comprising the steps of providing a flexible carder (12) and plurality of parallel strips (18, 20) located on opposing surfaces (14, 16) of the carrier.

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

(19) INDIA

(22) Date of filing of Application :21/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : A METHOD OF PREPARING A HIGHLY PURE POTASSIUM SALT OF AZILSARTAN MEDOXOMIL

 (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 	:26/09/2012 :Czech Republic :PCT/CZ2013/000114 :25/09/2013 :WO 2014/048404	 (71)Name of Applicant : 1)ZENTIVA K.S. Address of Applicant :U Kabelovny 130 102 37 Praha 10 Czech Republic (72)Name of Inventor : 1)STACH Jan 2)KRULIS Radim 3)CERNY Josef 4)RIDVAN Ludek 5)DAMMER Ondrej 6)KREJCIK Lukas 7)RADL Stanislav
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(57) Abstract :

A method of preparing the potassium salt of azilsartan medoxomil of formula I, in which a solvate of azilsartan medoxomil of formula II with a solvent selected from the group that consists of dimethyl acetamide or N-methyl pyrrolidone or their mixtures with other solvents is prepared, or re-crystallized from dimethyl acetamide or N-methyl pyrrolidine or their mixtures with other solvents, and, in the next step, converted to the potassium salt using a potassium source in a suitable solvent.

No. of Pages : 21 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :04/07/2014

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR MANUFACTURE OF ANTIOXIDANT RICH AND RADIOPROTECTIVE FERMENTED TEA PRODUCT

(57) Abstract :

The present invention relates to a technical field of manufacture of antioxidant rich, radio-protective fermented tea product. The product has high total polyphenol content and it significantly enhances the percentage of cell viability of radiation exposed cells. It also prevents DNA damage and makes protection against chromosomal aberrations produced on radiation exposure. Its product formulation is characterized by addition of black tea, sucrose, and water.fermented with freshly grown yeast Saccharomyces cerevisiae. Product manufacturing method isaddition of black tea to boiling water to prepare infusion; filtering the infusion through sterile sieve and adding sucrose; cooling and inoculating with freshly grown yeast to carry out fermentation; centrifuging the fermented liquid and filtering the supernatant; lyophilizing the filtrate and storing the product as powder form. The invention contains large amount of antioxidant compounds: myricetin, quercetin and kaempferol.

No. of Pages : 29 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :09/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:A24F47/00	(71)Name of Applicant :
(31) Priority Document No	:13/647000	1)R. J. REYNOLDS TOBACCO COMPANY
(32) Priority Date	:08/10/2012	Address of Applicant :401 North Main Street Winston Salem
(33) Name of priority country	:U.S.A.	North Carolina 27101 U.S.A.
(86) International Application No	:PCT/US2013/063085	(72)Name of Inventor :
Filing Date	:02/10/2013	1)R. J. REYNOLDS TOBACCO COMPANY
(87) International Publication No	:WO 2014/058678	
(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 : AN ELECTRONIC SMOKING ARTICLE AND ASSOCIATED METHOD

(57) Abstract :

Smoking articles and methods for forming such smoking articles such as an electronic smoking article are provided. An exemplary smoking article comprises a control body portion having a control body engagement end and having a first control component therein. A cartridge body portion includes a cartridge body engagement end configured to removably engage the control body engagement end of the control body portion. The cartridge body portion further includes a consumable arrangement comprising at least an aerosol precursor composition and at least one heating element operably engaged therewith and a second control component. At least the consumable arrangement is configured to be in communication with the first control component upon engagement between the cartridge body and control body portions.

No. of Pages : 74 No. of Claims : 49

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : VEHICLE WHEEL FOR PASSENGER CARS :B60B3/00,B60B3/10,B60B3/04 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)MAXION WHEELS GERMANY HOLDING GMBH :20 2013 100 875.3 :28/02/2013 (32) Priority Date Address of Applicant :Ladestraße 1 53639 Königswinter (33) Name of priority country :Germany Germany (86) International Application No: PCT/IB2014/059136 (72)Name of Inventor: Filing Date :20/02/2014 1)KERMELK Werner (87) International Publication No :WO 2014/132169 2)RODE Karl (61) Patent of Addition to **3)STELZER Günter** :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Vehicle wheel comprising a rim part (1) and a disc part (10) formed from a one piece sheet metal blank and including a central portion (11) with bolt holes (13) and a plurality of radially extending spoke arrangements (15) merging into a disc edge (19) delimiting together with the spoke arrangements ventilation apertures (5) which extend over the region between the edge webs (18) and the disc edge (19). In order to create steel wheels with four hole fixing in which high strength and stiffness are achieved the number of spoke arrangements (15) and of bolt holes (13) is four and these are in each case arranged mirror symmetrically with respect to a common radial line (R1) with the width (B) of each spoke arrangement (15) narrowing radially towards the outside and each ventilation aperture (5) extending in the circumferential direction over an arc length (L) of more than 1/6 of the circumference of the disc part (10). Further each ventilation aperture (5) is having on a radial line (R2) a maximum radial clear width (W) which is equal to or preferably greater than the radial width (S) of the metal portion of the disc part (10) on the same radial line (R2).

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

(19) INDIA

(22) Date of filing of Application :11/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : USER TERMINAL DEVICE AND CONTROL METHOD THEREOF

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:G06F3/01,G06F17/30,G06F17/24 :1020120115505 :17/10/2012 :Republic of Korea :PCT/KR2013/009252 :16/10/2013 :WO 2014/061996	 (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)KANG Young cheol
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract :

A user terminal device is provided that includes a display part configured to display a document preparation window an input part configured to receive a selection command for selecting a text in a document displayed in the document preparation window a communication part configured to connect to a server and a controller configured to control displaying of an activated search button in a region of the document preparation window when the text is selected and to search for when the search button is selected at least one image corresponding to the selected text using the communication part wherein the controller is further configured to control displaying of images searched for from at least one of the server and a storage part of the user terminal device and to when one of the searched images is selected insert the selected image at a predetermined position of the document preparation window.

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

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : PORT PLATE OF A FLAT SIDED LIQUID RING PUMP HAVING A GAS SCAVENGE PASSAGE THEREIN

(51) International classification	:F04C19/00	(71)Name of Applicant :
(31) Priority Document No	:61/720175	1)GARDNER DENVER NASH LLC
(32) Priority Date	:30/10/2012	Address of Applicant :200 Simko Boulevard Charleroi PA
(33) Name of priority country	:U.S.A.	15022 U.S.A.
(86) International Application No	:PCT/US2013/067292	(72)Name of Inventor :
Filing Date	:29/10/2013	1)GARDNER DENVER NASH LLC
(87) International Publication No	:WO 2014/070756	
(61) Patent of Addition to Application	·NI A	
Number		
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	: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 	:U.S.A. :PCT/US2013/067292 :29/10/2013 :WO 2014/070756 :NA :NA	15022 U.S.A. (72) Name of Inventor :

(57) Abstract :

A liquid ring pump includes a port plate coupled to a pump head. The port plate has an opening with a first end at a first section and a second end at a second section. The first section opens through a portion of a surface forming a first face of the port plate. The second section opens at the second end into a shaft receiving aperture of the port plate. The first and second sections are continuous. The first section is angularly between the closing edge of a port plate outlet and leading edge of a port plate inlet. A length measured from the first section to the inlet s leading edge is less than a length measured from the first section to the outlet s leading edge. The first section does not open into the outlet or inlet.

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

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : FILE SYSTE	M COMPUTER AND MI	ETHOD
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F17/30 :NA :NA :NA :PCT/EP2012/070296 :12/10/2012 :WO 2014/056546 :NA :NA :NA :NA	 (71)Name of Applicant : 1)FRAUNHOFER GESELLSCHAFT ZUR F–RDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant :Hansastraße 27c 80686 München

(57) Abstract :

A file system is configured to provide based on a request from a requester a requested file stored on a storage medium to the requester. Furthermore the file system is configured to provide a chosen part of the requested file corresponding to a desired version of the content of the requested file to the requester based on received side information in the request indicating the desired version and based on meta information of the requested file.

No. of Pages : 43 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :23/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : HOUSING ASSEMBLY FOR AN ELECTRIC MOTOR (51) International classification :H02P6/18 (71)Name of Applicant : 1)JOHNSON ELECTRIC S.A. (31) Priority Document No :201410173138.1 (32) Priority Date Address of Applicant :FREIBURGSTRASSE 33, CH-3280 :28/04/2014 (33) Name of priority country MURTEN SWITZERLAND :China (72)Name of Inventor: (86) International Application No :NA Filing Date :NA **1)SHI HAI FENG** (87) International Publication No : NA 2)QIN RUI FENG (61) Patent of Addition to Application Number :NA **3)LI YAN BING** Filing Date :NA 4)ZANG DONG QIANG (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A housing assembly has a housing having an open end. A plurality of magnets are fixed to an inner surface of the housing. A magnet holder supports the magnets against movement in the axial and circumferential directions. A cover is mounted in the magnet holder for fixing the magnets in the radial direction. The cover is resiliently deformed when assembled to the magnet holder and magnets, and abuts and resiliently urges the magnets towards the inner surface of the housing.

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

(19) INDIA

(22) Date of filing of Application :06/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CONTROL INFORMATION SENDING METHOD RECEIVING METHOD AND APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W72/00 :PCT/CN2012/082453 :29/09/2012 :China :PCT/CN2013/070255 :09/01/2013 :WO 2014/048076 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)GUAN Lei 2)XUE Lixia 3)ZHOU Yongxing
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(57) Abstract :

An embodiment of the present invention provides a control information sending method, receiving method, and apparatus. Said control information sending method comprises: determining a first subframe of a first wireless frame on a first carrier, said first subframe comprising a control region; sending control information to user equipment by means of said control region of the first subframe of the first wireless frame, said control information comprising a PDCCH; sending an ePDCCH to said user equipment by means of a second subframe of said first wireless frame. The embodiment of the present invention can send a PDCCH to user equipment by means of the control region of the first subframe when the control information carried by an ePDCCH cannot be sent on the first wireless frame, therefore enabling uplink/downlink scheduling for the user equipment as well as downlink feedback for the uplink data from user equipment.

No. of Pages : 87 No. of Claims : 68

(19) INDIA

(22) Date of filing of Application :10/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : FLUSHING IN ARRANGEMENT FOR A HOUSEHOLD LAUNDRY CARE APPLIANCE AND HOUSEHOLD LAUNDRY CARE APPLIANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D06F39/02 :10 2012 218 549.6 :11/10/2012 :Germany :PCT/EP2013/070535 :02/10/2013 :WO 2014/056777 :NA :NA :NA	 (71)Name of Applicant : 1)BSH BOSCH UND SIEMENS HAUSGER, TE GMBH Address of Applicant :Carl Wery Str. 34 81739 München Germany (72)Name of Inventor : 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH
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(57) Abstract :

The invention relates to a flushing-in arrangement (8) for a household laundry care appliance (1), with a flushing-in bowl (8a), which has an upper part (8b) and a lower part (8c) that can be connected to the upper part, wherein, in the lower part (8c), a water delivery device (8d) with a water-receiving recess, an outlet spout (8e, 8f) on the lower part (8c), which outlet spout opens into the water-receiving recess, a siphon (8n) between the outlet spout (8e, 8f) and a water-receiving chamber (8j) formed in the lower part (8c) are formed, wherein the siphon (8n) has a first overflow to the outlet spout (8f) and a second overflow to a further outlet, particularly a second outlet spout (8e), wherein the overflow level (35) of the first overflow is arranged higher than the overflow level (34) of the second overflow.

No. of Pages : 25 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :01/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CUBIC BORON NITRIDE PARTICLES HAVING A UNIQUE MORPHOLOGY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C09K3/14,C01B21/064,C01B21/072 :61/709250 :03/10/2012 :U.S.A. :PCT/US2013/060095 :17/09/2013 :WO 2014/055230 :NA :NA	 (71)Name of Applicant : 1)DIAMOND INNOVATIONS INC Address of Applicant :Frank Gao 6325 Huntley Road Worthington Ohio 43085 U.S.A. (72)Name of Inventor : 1)DUMM Timothy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Superabrasive cubic boron nitride particles and method of making the same are disclosed. The cubic boron nitride particles have an irregular surface, wherein the surface roughness of said particles is less than about 0.95. The method for producing abrasive particles having a unique surface morphology comprises the steps of providing a plurality of abrasive particles; blending reactive metal powder with the abrasive particles; compressing the blended components into a pellet; heating said pellet; and recovering modified abrasive particles.

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

(19) INDIA

(22) Date of filing of Application :06/04/2015

(43) Publication Date : 08/01/2016

:H01M6/02,H01M4/86 :61/711234 :09/10/2012 :U.S.A. :PCT/IL2013/000076 :09/10/2013 :WO 2014/057483	 (71)Name of Applicant : 1)OXYNERGY LTD. Address of Applicant :2 Yodfat St. 71291 Lod Israel (72)Name of Inventor : 1)LANG Joel 2)KOBRIN Irina 3)FEINGOLD Omri
	11
:PCT/IL2013/000076	1)LANG Joel
:09/10/2013	2)KOBRIN Irina
:WO 2014/057483	3)FEINGOLD Omri
٠NA	4)TZIDON Ori
.11/1	
:NA	
:NA	
	:61/711234 :09/10/2012 :U.S.A. :PCT/IL2013/000076 :09/10/2013 :WO 2014/057483 :NA :NA :NA

(54) Title of the invention : ELECTRODE ASSEMBLY AND METHOD FOR ITS PREPARATION

(57) Abstract :

The invention provides electrodes suitable for use as air electrodes, processes for their preparation and metal/air cells utilizing such electrodes as air cathodes. The invention relates to an electrode comprising a catalytically active layer applied on one face of a hydrophobic porous film and a conductive current collector pressed onto said catalytically active face, wherein at least a portion of the marginal area of said face is free from catalyst, and wherein a sealant is provided around at least part of the perimeter of said catalytically active layer, said sealant forming a coating onto the catalyst-free marginal area of said hydrophobic film.

No. of Pages : 48 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :06/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR KEEPING SUBSCRIBER IDENTITY MODULE CARDS ON STANDBY AND TERMINAL EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W88/02 :201210374444.2 :27/09/2012 :China :PCT/CN2013/076636 :03/06/2013 :WO 2014/048130 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)BAI Zhidong 2)ZHU Chunxi 3)PENG Chenghui 4)ZHAO Yuqing
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(57) Abstract :

The present invention provides a method for keeping subscriber identity module cards on standby and terminal equipment. The method for keeping subscriber identity module cards on standby comprises: terminal equipment receiving a starting request, the starting request being used for requesting a first subscriber identity module card and a second subscriber identity module card to be simultaneously on standby, the first subscriber identity module card being implemented based on software, and the second subscriber identity module card being implemented based on hardware; calling a third-party calling interface provided by an operating system of the terminal equipment, interacting with a subscriber identity module card control module through a subscriber identity module mobile equipment function of the third-party calling interface, and networking the first subscriber identity module card based on a data file of the first subscriber identity module card according to the starting request. The present invention allows the subscriber identity module card and the subscriber identity module card according to the starting request. The present invention allows the subscriber identity module card implemented based on the hardware and the subscriber identity module card implemented based on the software in the terminal equipment to be simultaneously on standby.

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

(22) Date of filing of Application :06/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AN	D APPARATUS FOR E	STABLISHING AND USING PDN CONNECTIONS
(51) International classification	:H04L12/46	(71)Name of Applicant :
(31) Priority Document No	:61/711409	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:09/10/2012	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/EP2013/071056	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Filing Date	:09/10/2013	
(87) International Publication No	:WO 2014/056983	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for establishing and controlling a tunnel for carrying a PDN connection between a first endpoint and a second endpoint. The first endpoint sends a request to set up a tunnel, the request including a first identifier. It then receives a second identifier for use identifying the tunnel when receiving data sent from the second endpoint to the first endpoint. Data packets are sent from the first endpoint, the data packets including the first and/or second identifiers for identifying the tunnel from the first endpoint to the second endpoint. Data packets are received from the second endpoint, the data packets including the second identifier from the second endpoint to the first endpoint.

No. of Pages : 28 No. of Claims : 24

(22) Date of filing of Application :01/04/2015

(21) Application No.871/KOLNP/2015 A

(43) Publication Date : 08/01/2016

(54) Title of the invention : GYRATORY	CRUSHER BEARING	
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B02C2/06 :12186997.8 :02/10/2012 :EPO :PCT/EP2013/067454 :22/08/2013 :WO 2014/053270 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant :S 811 81 Sandviken Sweden (72)Name of Inventor : 1)ERIKSSON Bengt Arne 2)LARSSON Mikael M 3)MALMQVIST Patric

(57) Abstract :

A gyratory crusher annular bearing mountable about an upper region of a gyratory crusher main shaft. The bearing has a bearing surface for positioning around an outer surface of the main shaft and a mounting surface for positioning towards a frame part of the gyratory crusher. The annular bearing in maintained in fixed position relative to the rotatably mounted main shaft by at least one mounting formation.

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

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : A SOLID ORAL PHARMACEUTICAL FORMULATION CONTAINING TICAGRELOR :A61K9/00,A61K9/20 (71)Name of Applicant : (51) International classification (31) Priority Document No :PV 2012705 1)ZENTIVA K.S. (32) Priority Date Address of Applicant : U Kabelovny 130 102 37 Praha 10 :16/10/2012 (33) Name of priority country Czech Republic Czech Republic :Czech Republic (86) International Application No :PCT/CZ2013/000130 (72)Name of Inventor : Filing Date :15/10/2013 1)SEDMAK Gregor (87) International Publication No :WO 2014/059955 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present solution provides a solid oral pharmaceutical formulation containing ticagrelor in the chemical name (1S 2S 3R 5S) 3 [7 [[(1R 2S) 2 (3 4 difluorophenyl)cyclopropyl]amino] 5 (propylthio) 3H 1 2 3 triazolo[4 5 d]pyrimidin 3 yl] 5 (2 hydroxyethoxy) 1 2 cyclopentanediol comprising at least one non hygroscopic filler and/or at least one non hygroscopic binder wherein neither the filler nor the binder have any disintegration effect. Preparation of the formulation is possible by wet granulation or dry granulation or direct

No. of Pages : 12 No. of Claims : 13

(21) Application No.1368/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : HEATING APPARATUS AND GAS DISTRIBUTOR FOR USE IN THE HEATING APPARATUS

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:F26B17/14,F27B1/00,F27D3/00 :2012/07849 :18/10/2012 :South Africa :PCT/IB2013/059444 :18/10/2013 :WO 2014/060996 :NA :NA :NA	 (71)Name of Applicant : 1)TENOVA PYROMET (PROPRIETARY) LIMITED Address of Applicant :58 Emerald Parkway Road Greenstone Hill Extension 21 1609 Johannesburg South Africa (72)Name of Inventor : 1)JONKER Petrus Johannes 2)NOURSE Randolph Bruce 3)RINKER Franklin George
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(57) Abstract :

This invention relates to a heating apparatus and to a gas distributor for use in the heating apparatus. More particularly but not exclusively the invention relates to a pre heater for heating material prior to being conveyed to a smelting process and to a heating gas distributor used in such heating apparatus. The heating gas distributor comprises an enclosure having a gas inlet arrangement and a gas outlet arrangement. The enclosure includes an operatively upper zone and an operatively lower zone with the gas outlet arrangement provided in the operatively lower zone. The operatively lower zone is of a downwardly tapering configuration.

No. of Pages : 21 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :07/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : HEDDLE PREFERABLY FOR HANDLING STRIP SHAPED MATERIAL AND METHOD 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 Ether Date 	:12191836.1 :08/11/2012 :EPO :PCT/EP2013/003316 :05/11/2013 :WO 2014/072041 :NA :NA :NA	 (71)Name of Applicant : 1)GROZ BECKERT KG Address of Applicant :Parkweg 2 72458 Albstadt Germany (72)Name of Inventor : 1)GROZ BECKERT KG
Filing Date	:NA	

(57) Abstract :

The invention relates to a heddle (1) preferably for handling strip shaped warp material and to a method for the production thereof. Said heddle has the following characteristics: at least two strips (2 3) which form the heddle shaft (24) at least one element (6 7) which defines a thread eye (8) at least two end eyelets (17). The at least one element (6 7) or one of the two strips (2 3) comprise at least one securing element (9 10) said securing element joining the element and the strip the two strips (2 3) being arranged above and below the thread eye (8) on the connecting points (13 14). At least one connecting point (13 14) is at a distance (A) from the thread eye (8) said distance being at a maximum half as far as the distance (D) between the thread eye (8) and the respective end eyelet (17) closest to the connecting point (13 14).

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

(21) Application No.940/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:10 2012 219 898.9 :31/10/2012	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor : 1)BRÜCKNER Jan 2)EFFERT Martin
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(54) Title of the invention : RESISTANCE POINT WELDING APPARATUS

(57) Abstract :

The invention relates to a resistance point welding apparatus for fixing a turbulence installation body to an inner wall of a steam generator pipe having a welding head (1) which can be introduced into the steam generator pipe and comprises a largely cylindrical lance (11) consisting of an electrically conductive material a point welding electrode (12) which projects out of the lance (11) in the radial direction an effective element (13) and an insulation body (14) which is opposite the point welding electrode (12) in the radial direction and can be moved by the effective element (13) in the direction of the inner wall. The lance (11) is tapered at a defined distance from the welding head end in such a manner that the insulation body (14) and therefore also the point welding electrode (12) press the turbulence installation body against the inner wall of the steam generator pipe when the effective element (13) is activated. When a welding stream is impressed on the lance (11) a point like welding stream flows via the point welding electrode (12) to a counter electrode (3) arranged outside the steam generator pipe.

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

(19) INDIA

(22) Date of filing of Application :07/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CHANNEL MEASUREMENT PROCESSING METHOD BASE STATION AND USER EQUIPMENT (51) International classification :H04W72/04 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. (31) Priority Document No :NA (32) Priority Date Address of Applicant :Huawei Administration Building :NA (33) Name of priority country Bantian Longgang Shenzhen Guangdong 518129 China :NA :PCT/CN2012/080971 (72)Name of Inventor : (86) International Application No Filing Date :04/09/2012 1)CHEN Xiaobo (87) International Publication No :WO 2014/036688 2)LI Qiang (61) Patent of Addition to Application 3)FAN Xiaoan :NA Number 4)XIAO Weimin :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention provides a channel measurement processing method a base station and a user equipment comprising: receiving an interference report from a user equipment; according to the interference report determining at least two measurement sets for the user equipment; notifying the user equipment of the at least two measurement sets. In the present invention the measurement set is determined according to the interference report submitted by the user equipment so that the determined measurement set is more in line with the current interference conditions of the user equipment. Therefore the channel quality of the subframe of the user equipment can be measured accurately.

No. of Pages : 109 No. of Claims : 72

(22) Date of filing of Application :12/05/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR PRODUCING A HOLLOW BODY WHICH IS PRESSURE TIGHT TO A PREDETERMINED 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 (62) Divisional to Application Number Filing Date 	:F28D15/02 :10 2012 111 136.7 :19/11/2012 :Germany :PCT/EP2013/074180 :19/11/2013 :WO 2014/076305 :NA :NA :NA :NA	 (71)Name of Applicant : 1)BERTWIN R. GEIST IMMOBILIEN + ERNEUERBARE ENERGIEN E.K. Address of Applicant :Hohenleiten 3a 82547 Eurasburg Germany (72)Name of Inventor : 1)FICHT Reinhold 2)ADAMIDIS Evangelos 3)STEINBEISSER Tobias
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(57) Abstract :

The invention relates to a method for producing a hollow body (1) which is pressure tight to a predetermined medium (2) by joining at least two body parts (3 4) which when assembled form a hollow body (1) containing the medium (2) in a gaseous and/or liquid form according to the use of hollow body (1). Said at least two body parts (3 4) are joined in a material fit by means of a joining method which can be successfully carried out at ambient pressure. The medium (2) which can be in the solid or semi solid state is placed in at least one part of the hollow chamber (5 6) of at least one body part (3 4) prior to carrying out said material fit joining and said material (2) is placed together with a receiving device (12) containing or retaining the material (2) in the solid or semi solid state from which said material (2) can escape in the liquid or gaseous form and then the material fit joining is carried out.

No. of Pages : 45 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :07/04/2015

(43) Publication Date : 08/01/2016

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K17/16 :12190603.6 :30/10/2012 :EPO :PCT/EP2013/071747 :17/10/2013 :WO 2014/067792 :NA :NA :NA :NA	 (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor : 1)BRANDL Konrad 2)PFALLER Maximilian 3)PIOTROWSKI Patryk 4)TREPPER André 5)DEEG Christian 6)FICHTNER Siegfried
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(54) Title of the invention : CAGE ROTOR AND BAR COMPRISING A NOTCH

(57) Abstract :

The invention relates to a cage rotor (3 23 33 43 63 73 83 93) for an electric machine (4 24 34 44 64 74 84 94) comprising a rotor laminated core (5) having a groove (6) a rotor end ring (8 38) that is cast on to one axial end (7) of the rotor laminated core (5) said ring having a first material (108) and a bar (9 29 39 49 69 79 89 99) which is situated in the groove (6) and which has a bar end (14 244 344 444). The bar end (14 244 344 444) protrudes into the first material (108) and said bar end (14 244 344 444) that protrudes into the first material (108) has at least one notch (10 20 30 40 140 402 691 791 892). The invention also relates to an electric machine (4 24 34 44 64 74 84 94) comprising a cage rotor (3 23 33 43 63 73 83 93) to a bar (9 29 39 49 69 79 89 99) for a cage rotor (3 23 33 43 63 73 83 93) and to a method for producing a cage rotor (3 23 33 43 63 73 83 93) in which method the bar end (14 244 344 444) having the at least one notch (10 20 30 40 140 402 691 791 892) is arranged in the groove (6) in a flexible manner.

No. of Pages : 40 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :07/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : DEVICE FOR PRODUCING CONTAINER PRODUCTS CONSISTING OF PLASTIC MATERIALS

(51) International	:B29C49/04,B29C49/70,B29K67/00	(71)Name of Applicant :
classification	, , ,	1)KOCHER PLASTIK MASCHINENBAU GMBH
(31) Priority Document No	:61/714383	Address of Applicant : Talstrae 22 30 74429 Sulzbach Laufen
(32) Priority Date	:16/10/2012	Germany
(33) Name of priority country	v:U.S.A.	(72)Name of Inventor :
(86) International Application	DCT/EP2012/002116	1)PRICE Jeffrey L.
No		
Filing Date	:16/10/2013	
(87) International Publication	:WO 2014/060101	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA :NA	
Filing Date	.NA	
(62) Divisional to Application		
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device for producing container products which consist of plastic materials particularly by carrying out a moulding filling and sealing method and comprising a moulding device (13) that can be supplied with a moulding tube (15) of plasticised plastic materials and that has a movable moulding surface (17) adapted to the predefinable geometry of the container on which said moulding tube (15) can be laid for a shaping filling and/or sealing process. The invention is characterised in that a guide and retainer device (25) is provided which comprises movable guide and retainer parts (77 81; 79 83) able to be controlled such that these engage in at least one of the possible functional positions outside the moulding region of the moulding device (13) on said moulding tube (15) itself and/or on the plastic material that surrounds each at least one manufactured container product and/or its content.

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

(19) INDIA

(22) Date of filing of Application :01/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND APPARATUS FOR REPORTING PERFORMANCE OF TERMINAL IN MOBILE 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 	:H04W24/10,H04B7/26 :1020120111458 :08/10/2012 :Republic of Korea :PCT/KR2013/009010 :08/10/2013 :WO 2014/058222 :NA :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)KIM Soeng Hun 2)VAN LIESHOUT Gert Jan 3)JEONG Kyeong In
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(57) Abstract :

According to one embodiment of the present specification a method for reporting performance of a terminal in a mobile communication system includes the steps of: receiving a request for performance reporting from a base station; determining an indicator of whether a delay time related operation that the terminal supports is in correspondence with the request which corresponds to a pre set condition; and transmitting a message including the determined indicator to the base station. According to one aspect of the present specification the size of the performance reporting message is minimized in reporting the performance of the terminal.

No. of Pages : 76 No. of Claims : 20

(22) Date of filing of Application :01/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : AN APPARATUS FOR ENCODING A SPEECH SIGNAL EMPLOYING ACELP IN THE AUTOCORRELATION DOMAIN

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G10L19/107 :61/710137 :05/10/2012 :U.S.A.	 (71)Name of Applicant : 1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant :Hansastraße 27c 80686 München
(86) International Application No Filing Date	:PCT/EP2013/066074 :31/07/2013	11
(87) International Publication No	:WO 2014/053261	1)B"CKSTRÖM Tom
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MULTRUS Markus 3)FUCHS Guillaume 4)HELMRICH Christian
(62) Divisional to Application Number Filing Date	:NA :NA	5)DIETZ Martin

(57) Abstract :

RRRrRrRrRijRiR jRAn apparatus for encoding a speech signal by determining a codebook vector of a speech coding algorithm is provided. The apparatus comprises a matrix determiner (110) for determining an autocorrelation matrix and a codebook vector determiner (120) for determining the codebook vector depending on the autocorrelation matrix. The matrix determiner (110) is configured to determine the autocorrelation matrix by determining vector coefficients of a vector wherein the autocorrelation matrix comprises a plurality of rows and a plurality of columns wherein the vector indicates one of the columns or one of the rows of the autocorrelation matrix wherein (i j) = (i j) wherein () indicates the coefficients of the autocorrelation matrix wherein is a first index indicating one of a plurality of rows of the autocorrelation matrix and wherein is a second index indicating one of the plurality of columns of the autocorrelation matrix.

No. of Pages : 35 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :07/04/2015

(43) Publication Date : 08/01/2016

:E02D7/28	(71)Name of Applicant :
:12007139.4	1)BAUER MASCHINEN GMBH
:15/10/2012	Address of Applicant :Bauer Str. 1 86529 Schrobenhausen
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:PCT/EP2013/069092	(72)Name of Inventor :
:16/09/2013	1)FINKENZELLER Stefan Michael
:WO 2014/060159	2)PLATZEK Peter
·NA	
.11A	
:NA	
:NA	
	:12007139.4 :15/10/2012 :EPO :PCT/EP2013/069092 :16/09/2013 :WO 2014/060159 :NA :NA :NA

(54) Title of the invention : METHOD AND APPARATUS FOR ERECTING A FOUNDATION ELEMENT

(57) Abstract :

The invention relates to a method for erecting a foundation element in the ground in particular in the bottom of a body of water in which a pile tube is introduced into the ground soil material within the pile tube is removed by means of a rotatably driven drilling tool and the pile tube is filled with a filling material for producing the foundation element. It is provided that during the removal of the soil material a curable medium is introduced into a lower region of the pile tube and that in order to form the filling material the fed in curable medium is mixed above the drilling tool with the removed soil material by means of a mixing device. The invention further relates to an apparatus for erecting a foundation element in the ground.

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

(19) INDIA

(22) Date of filing of Application :06/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING STRIP SHAPED OBJECTS IN PARTICULAR STICKS OF CHEWING GUM

 (51) International classification (31) Priority Document No (32) Priority Date (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 :PCT/EP2012/071474 :30/10/2012 :WO 2014/067559 :NA :NA	 (71)Name of Applicant : 1)LOESCH VERPACKUNGSTECHNIK GMBH Address of Applicant :Industriestr. 1 96146 Altendorf Germany (72)Name of Inventor : 1)BACKES Alexander 2)BEHRENS Andreas
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract :

The invention relates to a method and a device for producing individual strip-shaped objects (strips S), in particular objects suitable for chewing, in particular sticks of chewing gum, having the following method steps and features: supplying substantially rectangular sheets (P) from which the strips (S) are to be formed, wherein the length of the shorter sides of the sheets (P) substantially correspond to the length of a strip (S) to be formed, multiple ridges (R) which run parallel to one another are arranged in the sheets (P) at equal distances apart from one another in a substantially parallel manner to the shorter sides of the sheets (P), and the distance between each two adjacently arranged ridges (R) substantially corresponds to the width of a strip (S) to be formed; and forming individual strips (S) from the sheets (P) supplied individually in a successive manner in the longitudinal direction of the sheets. In particular, the step of forming the individual strips (S) has the following method steps and features: separating each individual strip (S) from the sheet (P) along the respective front ridge (R) at the front end of the sheet in the conveying direction; forming a specified distance between the successive individual separated strips (S) in the conveying direction in order to subsequently further convey the formed strips (S); detecting an actual position of each individual separated strip (S) in the conveying direction while the strips (S) are being separated from the sheet (P); and correcting the position of the individual separate strips (S) in the conveying direction if the detected actual position of the strip (S) does not correspond to a position matching the specified distance between the successive individual strips (S) for subsequently further conveying the formed strips (S). (FR)Linvention concerne un procédé et un dispositif pour fabriquer des articles individuels en forme de bande (bande S), notamment des articles comestibles, notamment des bandes de gomme à mcher, comportant les étapes et les caractéristiques suivantes : acheminement de plaques (P) sensiblement rectangulaires à partir desquelles les bandes (S) sont formees, la longueur du côtés courts des plaques (P) correspondant sensiblement à la longueur dune bande (S) à former ; sensiblement parallèlement aux côtés courts des plaques (P), plusieurs rainures (R) parallèles entre elles sont disposées dans les plaques (P) à des écarts réguliers, lécart entre deux rainures (R) adjacentes correspondant sensiblement à la largeur dune bande (S) à former ; et formation de bandes individuelles (S) à partir des plaques (P) acheminées individuellement et consécutivement dans leur direction longitudinale. Létape de formation des bandes (S) individuelles comporte les étapes et les caractéristiques suivantes : séparation dune bande (S) individuelle de la plaque (P) sur son extrémité avant dans le sens de transport, le long de la rainure (R) la plus en avant ; formation dun écart prédéfini entre les bandes (S) séparées individuelles, consécutives, dans le sens de transport, pour un transport consécutif ultérieur des bandes (S) formées ; détection dune position réelle de chaque bande (S) séparées individuelles dans le sens de transport, lors de la séparation des bandes (S) de la plaque (P) ; et correction de la position des bandes (S) séparées individuelles dans le sens de transport lorsque la position réelle détectée de la bande (S) ne correspond pas à une position adaptée à lécart prédéfini entre les bandes (S) séparées individuelles, consécutives pour un transport consécutif ultérieur des bandes (S) formées.

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

(19) INDIA

(22) Date of filing of Application :06/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CORRECT/INCORRECT RESPONSE FEEDBACK METHOD USER EQUIPMENT AND SYSTEM (51) International classification :H04W72/04 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. (31) Priority Document No :NA (32) Priority Date Address of Applicant :Huawei Administration Building :NA (33) Name of priority country Bantian Longgang District Shenzhen Guangdong 518129 China :NA :PCT/CN2012/082401 (72)Name of Inventor: (86) International Application No 1)TANG Zhenfei Filing Date :28/09/2012 (87) International Publication No :WO 2014/047911 2)WANG Fan (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 the technical field of communications. Disclosed are a correct/incorrect response feedback method, user equipment (UE) and system, allowing downlink data of different networks to obtain correct feedback, and improving reliability of data transmission. The method of the present invention comprises: a UE receiving ACK/NACK resource configuration information delivered by a network node; determining the ACK/NACK resource according to the configuration information, the ACK/NACK resource being a time frequency resource used for bearing ACK/NACK on an uplink channel; and using the ACK/NACK resource to feed back ACK/NACK to the network node. Embodiments of the present invention are mainly used in the ACK/NACK feedback process.

No. of Pages : 38 No. of Claims : 25

(21) Application No.949/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : COMMUNICATIONS SYSTEM FOR CONFIGURING CHANNEL STATE INFORMATION

(51) Internationalclassification(31) Priority Document No(32) Priority Date	:H04W52/04,H04W72/04,H04W72/08 :61/706610 :27/09/2012	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgand District Shenzhen Guangdong 518129 China
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)BI Hao
(86) International Application No Filing Date	:PCT/US2013/062465 :27/09/2013	2)WANG Ke 3)LI Zhongfeng 4)LU Jianmin
(87) International Publication No	:WO 2014/052926	5)MAZZARESE David Jean Marie
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method for communicating in a wireless communications system includes generating a channel state information (CSI) process information element (IE) including a CSI process identifier a non zero padded CSI reference signal (CSI RS) identifier an interference measurement resource (IMR) identifier and channel quality indicator (CQI) report configuration information (block 407). The method also includes transmitting the CSI process IE (block 410).

No. of Pages : 28 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :02/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : CARRIER ACTIVATION OR DEACTIVATION METHOD BASE STATION AND USER EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 :PCT/CN2012/082168 :27/09/2012 :WO 2014/047834 :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)WANG Fan 2)HE Chuanfeng
Filing Date	:NA :NA	

(57) Abstract :

Provided in embodiments of the present invention are a carrier activation or deactivation method a base station and a user equipment. The method comprises: the base station determines the activation or deactivation of at least one secondary carrier used for communicating with the user equipment and transmits to the user equipment a high speed shared control channel (HS SCCH) command where the HS SCCH command carries indication information used for expressing the activation or deactivation of the at least one secondary carrier. The embodiments of the present invention allow the user equipment to execute the correct carrier activation or deactivation or deactivation.

No. of Pages : 47 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :02/04/2015

(43) Publication Date : 08/01/2016

(51) International classification	:H04W28/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/082488	(72)Name of Inventor :
Filing Date	:29/09/2012	1)TANG Linfeng
(87) International Publication No	:WO 2014/047939	2)GUI Dan
(61) Patent of Addition to Application	27.4	3)FU Miao
Number	:NA	4)ZOU Pinyang
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date	:NA	

(54) Title of the invention : DATA DISTRIBUTION METHOD AND DEVICE

(57) Abstract :

A data distribution method comprises: a first device sending a data connection request to a second device to make the second device perform data distribution; and the first device receiving distributed data sent by the second device based on the data connection request by using at least two wireless links among a plurality of wireless links wherein the first device establishes one link of the two wireless links with the second device through a third device and at least two wireless links among the plurality of wireless links comprise two wireless links established through different wireless protocols. By means of the technical solutions downstream data can be distributed and sent to a user equipment through different wireless links thereby increasing the downstream bandwidth used by a user and improving user experience of using a data service.

No. of Pages : 78 No. of Claims : 69

(19) INDIA

(22) Date of filing of Application :02/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR BIN BASED RISK MANAGED TRADING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/604214 :05/09/2012 :U.S.A. :PCT/IB2013/002699 :05/09/2013 :WO 2014/037818 :NA :NA :NA	 (71)Name of Applicant : TRAYPORT LIMITED Address of Applicant :7th Floor Broadgate West 9 Appold Street London EC2A 2AP U.K. (72)Name of Inventor : DAVIES James Llewelyn MILLINGTON BUCK Marc Edward
Filing Date	:NA	

(57) Abstract :

Methods and supporting systems for determining whether a trade order is permitted according to a predefined exposure limitation include storing a set of instrument data that represents both an actual and a permitted maximum number of instrument units that are owned purchased or that an entity is otherwise exposed to per a first unit of time. A request to execute a trade for one or more strips of financial instruments is received where each strip includes the instrument units each of which is associated with a second unit of time. A stepped graph is constructed for the financial instrument based on the stored instrument data wherein one axis of the stepped graph represents a time period covering the strip of contracts and another axis represents a total exposure to the financial instrument. The received request is compared to the stepped graph to determine whether the permitted maximum number of investment units would be violated for one or more of the first units of time should the requested trade execute. The trade is then allowed to execute if no violation is determined and blocked otherwise.

No. of Pages : 28 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :07/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD FOR MULTI USER COOPERATION COMMUNICATION DEVICE 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 (62) Divisional to Application Number Filing Date 	:H04W28/18 :NA :NA :PA :PCT/CN2012/082502 :29/09/2012 :WO 2014/047949 :NA :NA :NA :NA	 (71)Name of Applicant : 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor : 1)GUO Xiaolong 2)ZHANG Lixue 3)LI Yue
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(57) Abstract :

Disclosed are a method for multi user cooperation communication device and system relating to communication field network device selects different user equipment (UE) to perform suitable communication according to different MUCC ability of UEs enhancing the quality of multi user cooperation communication. The method provided by the embodiments in present invention comprises: Code Network (CN) node obtains MUCC ability identifier information of at least two UEs wherein the MUCC ability identifier information is used for identifying the ability of said UE; the CN node sends said MUCC ability identifier information of at least two UEs wherein the sentence of a least two UEs to wireless access network node so that wireless access network node selects UEs with support ability and benefiting ability in MUCC abilities according to ability identifiers of UEs and UE with support ability supports the bearer for UE with benefiting ability in MUCC communication.

No. of Pages : 107 No. of Claims : 62

(22) Date of filing of Application :04/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : AIR CONDITIONER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :F24F1/00,F04D17/04,F04D29/66 :2012215534 :28/09/2012 :Japan :PCT/JP2013/071820 :12/08/2013 :WO 2014/050335 :NA :NA :NA	 (71)Name of Applicant : 1)DAIKIN INDUSTRIES LTD. Address of Applicant :Umeda Center Building 4 12 Nakazaki Nishi 2 Chome Kita Ku Osaka Shi Osaka 5308323 Japan (72)Name of Inventor : 1)NAKAI Satoshi 2)UDA Masafumi
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(57) Abstract :

An air conditioner is configured so that wind noise is reduced while air blowing performance is maintained. The indoor unit (1) of an air conditioner comprises a cross flow fan (10) and also comprises a rear guider (20) and a stabilizer (32) which are arranged on both sides of the outer periphery of the cross flow fan (10) and which form an air flow passage. At least the front end side portions of at least axial portions of both the rear guider (20) and the stabilizer (32) have twisted sections (23 37). The twisted sections (23 37) are formed in a shape in which the twisted sections (23 37) are arranged from an axial one end to the other end so as to be displaced continuously in the circumferential direction of the cross flow fan (10).

No. of Pages : 58 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :04/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : RECORDING OF OPERATING PARAMETERS OF AN INTELLIGENT ELECTRONIC 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 	:G05B15/02 :13/668737 :05/11/2012 :U.S.A. :PCT/US2013/067224 :29/10/2013 :WO 2014/070712 :NA :NA	AMETERS OF AN INTELLIGENT ELECTRONIC DEVICE (71)Name of Applicant : 1)SCHWEITZER ENGINEERING LABORATORIES INC. Address of Applicant :2350 NE Hopkins Court Pullman WA 99163 U.S.A. (72)Name of Inventor : 1)SCHWEITZER Edmund O. III 2)SCHWARTZ Ronald A. 3)WHITEHEAD David E.		
(62) Divisional to Application Number Filing Date	:NA :NA			

(57) Abstract :

The present disclosure provides systems and methods for recording operating parameters of an intelligent electronic device (IED). A system may include a parameter acquisition module a parameter storage module and a memory management module. The parameter acquisition module may be configured to periodically obtain operating parameters of an IED at a first interval. The first interval may have a first time length to provide a first resolution of operation of the IED. The parameter storage module may be configured to store the operating parameters. The memory management module may be configured to delete outside a first resolution period a first portion of the operating parameters while maintaining a second portion of the operating parameters. The second portion may include operating parameters for each of a second interval. The second interval may have a second time length to provide a reduced second resolution of the operation of the IED.

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

(21) Application No.958/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(54) Title of the invention : METHOD OF VALIDATING NUCLEAR REACTOR IN VESSEL DETECTOR OUTPUT SIGNALS

(51) International classification	:G21C17/06,G01R31/34	(71)Name of Applicant :
(31) Priority Document No	:61/725591	1)WESTINGHOUSE ELECTRIC COMPANY LLC
(32) Priority Date	:13/11/2012	Address of Applicant :1000 Westinghouse Drive Cranberry
(33) Name of priority country	:U.S.A.	Township Pennsylvania 16066 U.S.A.
(86) International Application No	:PCT/US2013/066066	(72)Name of Inventor :
Filing Date	:22/10/2013	1)KRIEG David J.
(87) International Publication No	:WO 2014/120294	2)BOYD William A.
(61) Patent of Addition to Application	:NA	3)BACHMANN Nicholas A.
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract :

A method to perform signal validation for either reactor fixed incore detectors and/or core exit thermocouples to enhance core monitoring systems. The method uses a combination of both measured sensor signals and expected signal responses to develop a ratio of measured to expected signals. The ratios are evaluated by determining the expected ratios for each detector based on the behavior of the remaining collection of detectors taking into account the geometry/location of the other detectors. The method also provides for automatic removal of invalid detectors from the core power distribution determination if sufficient detectors remain on line to adequately characterize the core s power distribution.

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

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date : 08/01/2016

(51) International classification (71)Name of Applicant : :G01N23/223 1)HELMUT FISCHER GMBH INSTITUT FÜR (31) Priority Document No :10 2012 111 572.9 (32) Priority Date ELEKTRONIK UND MESSTECHNIK :29/11/2012 (33) Name of priority country :Germany Address of Applicant : Industriestraße 21 71069 Sindelfingen (86) International Application No :PCT/EP2013/072001 Germany (72)Name of Inventor: Filing Date :22/10/2013 (87) International Publication No :WO 2014/082795 1)KESSLER Jens (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 DEVICE FOR PERFORMING AN X RAY FLUORESCENCE ANALYSIS

(57) Abstract :

The invention relates to a method for performing an x ray fluorescence analysis in which method a primary radiation (16) is directed at a specimen (12) by an x radiation source (14) and in which method a secondary radiation (18) emitted by the specimen (12) is detected by a detector (20) and evaluated by means of an evaluating unit (21) wherein at least one filter (23) having at least one filter layer (25) forming a filter plane is brought into the beam path of the secondary radiation (18) and acts as a band pass filter in dependence on an angle a of the filter layer (25) to the secondary radiation (18) and an interfering wavelength of the secondary radiation (18) is coupled out by Bragg reflection the angle a of the filter layer (25) of the filter (23) is set by means of a setting apparatus (31) to reflect at least one interfering wavelength of the secondary radiation (18) by Bragg reflection and the coupled out wavelength of the secondary radiation (18) is detected by a second detector (32) and the signals determined therefrom are forwarded to the evaluating unit (21).

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

AMENDMENT UNDER SEC. 57(KOLKATA)

An application for change in the name of the Patentee from KOMET GROUP HOLDING GMBH to KOMET GROUP GMBH in respect of Patent No. 234486 (924/KOLNP/2007) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	270579	3459/DELNP/2009	14/11/2007	16/11/2007	COMPOUNDS FOR INHIBITING MITOTIC PROGRESSION	MILLENNIUM PHARMACEUTICALS , INC.	26/03/2010	DELHI
2	270582	286/DEL/2004	26/02/2004	19/03/2003	A VEHICLE INCLUDING A TAG MOUNTED THEREIN	HONDA MOTOR CO., LTD.	03/03/2006	DELHI
3	270587	2870/DELNP/2009	28/11/2007	30/11/2006	BINDING MEMBERS FOR INTERLEUKIN-6	ASTRAZENECA AB,MEDIMMUNE LIMITED	19/06/2009	DELHI
4	270591	1459/DEL/2004	06/08/2004	08/08/2003	LIQUID CONTAINER REMOVABLY MOUNTED ONTO A CONTAINER MOUNTING PART OF LIQUID CONSUMING APPARATUS	SEIKO EPSON CORPORATION	21/07/2006	DELHI
5	270594	2613/DEL/2013	04/09/2013 11:05:38		A PROCESS FOR PREPARING A COMPOSITION IN A NON-LIQUID PARTICLE FORM	RAJKUMAR ARORA	11/10/2013	DELHI
6	270597	2006/DELNP/2011	17/12/2009	19/12/2008	ANTIFOULING COATING COMPOSITION, ANTIFOULING COATING FILM FORMED FROM THE COMPOSITION, COATED OBJECT HAVING THE COATING FILM ON SURFACE ,AND METHOD OF ANTIFOULING BY FORMING THE COATING FILM	NITTO KASEI CO., LTD.	16/12/2011	DELHI
7	270599	4455/DELNP/2009	10/01/2008	15/01/2007	SILICA SOL MATERIAL FOR PRODUCING BIODEGRADABLE AND/OR ABSORBABLE SILICA GEL MATERIALS, ITS PRODUCTION AND USE	BAYER INNOVATION GMBH	04/12/2009	DELHI

8	270602	1379/DELNP/2008	13/06/2006	10/08/2005	METHOD FOR CLEANING A REACTOR	LINDE AG,SAUDI BASIC INDUSTRIES CORPORATION	01/08/2008	DELHI
9	270603	7331/DELNP/2007	22/02/2006	25/02/2005	A CUTTING-AND CREASING-WHEEL ASSEMBLY, AND A METHOD FOR CUTTING AND CREASING A COMPRESSIBLE MATERIAL	NIKLAS PETTERSSON	26/10/2007	DELHI
10	270606	5788/DELNP/2009	14/03/2008	19/03/2007	GLYCEROL VAPORIZATION METHOD	ARKEMA FRANCE	11/06/2010	DELHI
11	270607	5295/DELNP/2007	09/02/2006	11/02/2005	INJECTION DEVICE FOR APPORTIONING SET DOSES OF A DRUG	NOVO NORDISK A/S	31/08/2007	DELHI
12	270608	9981/DELNP/2008	19/04/2007	02/06/2006	CETANE NUMBER DETECTION MEANS AND ENGINE HAVING THE CETANE NUMBER DETECTION MEANS	YANMAR CO.,LTD	20/03/2009	DELHI
13	270611	8056/DELNP/2009	24/01/2005	26/01/2004	LUBRICATING AQUEOUS POLYURETHANE RESIN COMPOSITION, METHOD FOR LUBRICATING SURFACE OF ZINC- PLATED STEEL SHEET USING SAME, AND SURFACE-TREATED STEEL SHEET •	NIPPON STEEL & SUMITOMO METAL CORPORATION	11/02/2011	DELHI
14	270613	2681/DELNP/2008	05/09/2006	14/09/2005	DIFFERENTIAL FOR VEHICLES	JOSE GIMENEZ VIDAL	25/07/2008	DELHI
15	270616	5061/DELNP/2009	13/02/2008	13/02/2007	PEPTIDES DERIVED FROM THE MAJOR ALLERGEN OF RAGWEED (AMBROSIA ARTEMISIIFOLIA) AND USES THEREOF	BIOMAY AG	26/02/2010	DELHI
16	270617	3577/DELNP/2009	02/11/2007	02/11/2006	A NUTRITIONAL COMPOSITION COMPRISING A FIBRE FRACTION,A DIGESTIBLE CARBOHYDRATE FRACTION, AND A PROTEIN AND/OR LIPID FRACTION	N.V. NUTRICIA	01/01/2010	DELHI
17	270620	5567/DELNP/2008	28/11/2006	28/11/2005	POTENT COMPSTATIN ANALOGS	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	08/08/2008	DELHI
18	270621	707/DELNP/2007	27/07/2005	28/07/2004	A SUPPORT POST FOR A SAFETY FENCE ASSEMBLY	MELIC JONNY JONATHON	27/04/2007	DELHI

19	270622	9624/DELNP/2008	07/06/2007	12/06/2006	PROCESS FOR MAKING SALTS OF N-HYDROXY- 3-[4-[[[2-(2-METHYL-1H- INDOL-3- YL)ETHYL]AMINO]PHE NYL]-2E-2- PROPENAMIDE	NOVARTIS AG	20/08/2010	DELHI
20	270623	9678/DELNP/2007	15/05/2006	13/05/2005	ERYTHROPOIETIN VARIANTS	CHARITE UNIVERSITATSMEDI ZIN-BERLIN	20/06/2008	DELHI
21	270624	1122/DEL/2009	02/06/2009 15:18:33		A NEW ADSORBENT FOR REGENERATION OF USED EDIBLE FRYING OIL, METHOD OF PREPARING THE SAME AND METHOD OF REGENERATION BY THE NEW ADSORBENT	DR. PADMA S VANKAR,RAMA SHANKER SAHU	10/12/2010	DELHI
22	270627	6610/DELNP/2008	07/02/2007	07/02/2006	A 1,2,4-THIADIAZOLE COMPOUND	NV REMYND	24/10/2008	DELHI
23	270631	4057/DELNP/2008	13/11/2006	10/11/2005	ADENOVIRAL VECTOR- BASED FOOT-AND- MOUTH DISEASE VACCINE	GENVEC, INC.	01/08/2008	DELHI
24	270638	8832/DELNP/2008	11/04/2007	17/04/2006	2-ALKENYL-3- AMINOTHIOPHENE DERIVATIVE AND PROCESS FOR PRODUCING THEREOF	MITSUI CHEMICALS INC,	27/03/2009	DELHI
25	270639	3850/DELNP/2004	16/02/2001	12/02/2001	AN APPARATUS FOR FILLING A CONTAINER	MEDICAL INSTILL TECHNOLOGIES, INC	25/12/2009	DELHI
26	270642	501/DEL/2006	24/02/2006	25/02/2005	METHOD FOR THE MECHANICAL CHARACTERIZATION OF A METALLIC MATERIAL	SNECMA,SNECMA SERVICES	17/08/2007	DELHI
27	270644	2009/DELNP/2011	17/12/2009	19/12/2008	ANTIFOULING COATING COMPOSITION, ANTIFOULING COATING FILM FORMED USING THE COMPOSITION, COATED ARTICLE HAVING THE COATING FILM ON THE SURFACE, AND ANTIFOULING TREATMENT METHOD TO FORM THE COATING FILM	NITTO KASEI CO., LTD.	16/12/2011	DELHI
28	270652	3633/DELNP/2004	20/05/2003	21/05/2002	AN APPARATUS FOR APPLYING A ZIPPER STRIP TO A FILM AND A METHOD THEREOF	ILLINOIS TOOL WORKS INC.	09/10/2009	DELHI

29	270653	823/DEL/2008	28/03/2008 17:31:42	02/04/2007	CAMERA WITH MULTIPLE VIEWFINDERS	RESEARCH IN MOTION LIMITED	14/11/2008	DELHI
30	270654	5918/DELNP/2009	14/03/2008	14/03/2007	METHOD FOR CONTROLLING EXPRESSION OF A GENE OF INTEREST IN PLANT CELL	PIONEER HI-BRED INTERNATIONAL, INC.	11/06/2010	DELHI
31	270655	1074/DEL/2004	09/06/2004	30/06/2003	LINE ARRAY ELECTROACOUSTICAL TRANSDUCING	BOSE CORPORATION	23/06/2006	DELHI
32	270656	3286/DELNP/2008	22/09/2006	23/09/2005	VALVE APPARATUS FOR AN INTERNAL COMBUSTION ENGINE	JP SCOPE, INC.	25/07/2008	DELHI
33	270657	1557/DELNP/2008	25/08/2006	26/08/2005	COATING COMPOSITIONS EXHIBITING CORROSION RESISTANCE PROPERTIES, RELATED COATED SUBSTRATES, AND METHODS	PPG INDUSTRIES OHIO, INC.	08/08/2008	DELHI
34	270658	7863/DELNP/2006	08/07/2005	09/07/2004	AMINE COMPOSITIONS	HUNTSMAN ADVANCED MATERIALS (SWITZERLAND GMBH	17/08/2007	DELHI
35	270659	4127/DELNP/2007	23/11/2005	03/12/2004	LUBRICANT AND USE OF THE LIBRICANT	AB SKF	31/08/2007	DELHI
36	270660	4939/DELNP/2006	25/02/2005	04/03/2004	A HEAT EXCHANGE APPARATUS AND A METHOD FOR PRODUCING HYDROGEN	AIR LIQUIDE PROCESS & CONSTRUCTION, INC.,	17/08/2007	DELHI
37	270661	2014/DELNP/2006	19/10/2004	20/10/2003	TOBACCO SMOKE FILTER	FILTRONA INTERNATIONAL LIMITED	15/06/2007	DELHI
38	270668	1339/DEL/2010	09/06/2010 14:48:05		A PROCESS FOR PREPARATION OF NANOSIZE BISPHOSPHONATE PARTICLES	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION.	16/12/2011	DELHI
39	270672	1303/DELNP/2009	26/01/2007	28/09/2006	PROCESS FOR PRODUCING LIGHT OLEFIN FROM AN OXYGENATE- CONTAINING FEEDSTOCK AND SYSYEM THEREOF	UOP LLC	22/05/2009	DELHI
40	270674	6617/DELNP/2006	07/04/2005	08/04/2004	A BENZOTRIAZINE COMPOUNDS	TARGEGEN, INC	31/08/2007	DELHI
41	270675	338/DEL/2005	17/02/2005	25/03/2004	VACUUM FILTRATION APPARATUS	TSUKISHIMA KIKAI CO.,LTD	29/12/2006	DELHI

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Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	270598	843/MUMNP/2007	14/12/2005	21/12/2004	AN ARRANGEMENT FOR A TONOMETER	Tiolat Oy	03/08/2007	MUMBAI
2	270600	2513/MUMNP/2008	01/05/2007	01/05/2006	UNDERGROUND SHELTER	NIHON SHELTER SYSTEM CO., LTD.	27/02/2009	MUMBAI
3	270604	1298/MUMNP/2007	18/02/2005	18/02/2005	CONTROL UNIT AND METHOD FOR CONTROLLING THE LOAD IN A MOBILE TELECOMMUNICATIONS NETWORK	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	02/11/2007	MUMBAI
4	270612	2027/MUMNP/2011	13/01/2011	13/01/2010	CARRIER INSERT FOR ACCOMMODATING AND MAINTAINING THE BIOFILM CULTURE OF FLUID CLEANING STRUCTURES	ORGANICA Z•RTK– REN MK–D– R‰SZV‰NYT•RSAS• G	03/02/2012	MUMBAI
5	270630	27/MUMNP/2008	21/07/2006	29/07/2005	METHOD AND SYSTEM OF BUILDING ACTUAL TRAVEL FARES	AMADEUS S.A.S.	01/02/2008	MUMBAI
6	270637	1057/MUMNP/2010	05/11/2008	29/11/2007	LAUNDRY PRODUCT	HINDUSTAN UNILEVER LIMITED	02/12/2011	MUMBAI
7	270640	1808/MUMNP/2009	28/04/2008	30/04/2007	BENZAMIDE COMPOUNDS AND APPLICATIONS THEREOF	SINOCHEM CORPORATION,SHENY ANG RESEARCH INSTITUTE OF CHEMICAL INDUSTRY_CO. LTD.	07/05/2010	MUMBAI
8	270641	1956/MUMNP/2009	05/05/2008	03/05/2007	A SYSTEM AND METHOD FOR USING A LOCAL CONDITION CODE REGISTER FOR ACCELERATING CONDITIONAL INSTRUCTION EXECUTION IN A PIPELINE PROCESSOR	QUALCOMM INCORPORATED	28/05/2010	MUMBAI
9	270643	2126/MUMNP/2007	22/05/2006	23/05/2005	COMPOSITION FOR A HEAT-RESISTANT ANTICORROSION COATING	AKTSIONERNOE OBSCHESTVO EKA ,Federal State Budgetary Institution Federal Agency for Legal Protection of Military, special and Dual use Intellectual Activity Results (FSBI FALPIAR)	22/05/2009	MUMBAI

10	270646	837/MUMNP/2012	15/11/2010	15/11/2010	ACETYLENE GENERATING FACILITY, METHOD OF CONTROLLING ACETYLENE GENERATING FACILITY AND METHOD OF PRODUCING ACETYLENE GAS	DENKI KAGAKU KOGYO KABUSHIKI KAISHA	12/07/2013	MUMBAI
11	270647	2245/MUMNP/2008	20/04/2007	04/05/2006	A METHOD OF PRE- DECODING AN INSTRUCTION IN A PROCESSOR AND A PROCESSOR THEREOF	QUALCOMM INCORPORATED	02/01/2009	MUMBAI
12	270671	2178/MUMNP/2009	12/06/2008	15/06/2007	ADAPTIVE COEFFICIENT SCANNING IN VIDEO CODING •	QUALCOMM INCORPORATED	18/06/2010	MUMBAI
13	270673	1929/MUMNP/2009	01/05/2008	03/05/2007	INTERACTIVE CONTROL OF ACCESS TO SERVICES AND CAPABILITIES OF A MOBILE DEVICE	OMNITRACS LLC	28/05/2010	MUMBAI
14	270676	1491/MUMNP/2011	17/12/2009	18/12/2008	HIGHLY SINTERABLE LANTHANUM STRONTIUM TITANATE INTERCONNECTS THROUGH DOPING	SAINT-GOBAIN CERAMICS & PLASTICS, INC.	09/03/2012	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	270578	4416/KOLNP/2007	17/05/2006	18/05/2005	PROVIDING TRAFFIC INFORMATION RELATING TO A PREDICTION OF SPEED ON A LINK AND USING THE SAME	LG ELECTRONICS INC.	06/06/2008	KOLKATA
2	270580	3048/KOLNP/2010	03/02/2009	21/02/2008	A METHOD OF CEMENTING IN A SUBTERRANEAN FORMATION	HALLIBURTON ENERGY SERVICES, INC.	25/11/2011	KOLKATA
3	270581	3606/KOLNP/2008	17/05/2007	28/06/2006	CONTROL DISPLAY POSITIONING SYSTEM	ALCON, INC.	20/02/2009	KOLKATA
4	270583	4831/KOLNP/2008	31/05/2007	08/06/2006	DEVICE FOR ABSORBING NOISE	WUERTH ELEKTRONIK EISOS GMBH & CO.KG	20/03/2009	KOLKATA
5	270584	820/KOLNP/2008	30/10/2006	04/11/2005	BYPASS DEVICE FOR MICROWAVE AMPLIFIER UNIT	POWERWAVE TECHNOLOGIES SWEDEN AB	21/11/2008	KOLKATA
6	270585	3151/KOLNP/2008	04/01/2006	04/01/2006	ARRAY ANTENNA ARRANGEMENT	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	13/02/2009	KOLKATA
7	270586	2214/KOLNP/2009	07/11/2007	30/12/2006	A NOISE SUPPRESSION CIRCUIT AND A METHOD FOR SUPPRESSING NOISE IN AN AUDIO SIGNAL	MOTOROLA MOBILITY, INC.	03/07/2009	KOLKATA
8	270588	714/KOLNP/2006	24/06/2004	30/06/2003	TOPICAL COMPOSITION AND METHOD OF MANUFACTURING THE COMPOSITION FOR TREATING ACNE AND ROSACEA WITH GALVANIC GENERATED ELECTRICITY	JOHNSON & JOHNSON CONSUMER COMPANIES, INC	03/04/2009	KOLKATA
9	270589	1348/KOL/2006	12/12/2006	27/02/2006	TRANSMISSION WITH TORQUE SENSORS AND METHOD OF CONTROLLING A TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS,INC	07/09/2007	KOLKATA

10	270590	2987/KOLNP/2006	18/04/2005	26/04/2004	THERMAL RESPONSE CORRECTION SYSTEM.	POLAROID CORPORATION	08/06/2007	KOLKATA
11	270592	783/KOLNP/2010	24/09/2008	24/09/2007	DUAL PROCESSOR POWER SUPPLY	SIEMENS INDUSTRY, INC.	06/08/2010	KOLKATA
12	270593	550/KOL/2006	06/06/2006	26/05/2000	A METHOD OF EFFICIENTLY REDUCING THE AMOUNT OF REPETITIVE GRAPHICAL DATA TRANSMITTED TO A REMOTE DISPLAY DEVICE, AND A SYSTEM THEREOF	CITRIX SYSTENS, INC.	22/06/2007	KOLKATA
13	270595	256/KOLNP/2008	12/07/2006	22/07/2005	METHOD FOR DETERMINING AT LEAST ONE STATE VARIABLE OF AN ELECTRIC ARC FURNACE, AND ELECTRIC ARC FURNACE	SIEMENS AKTIENGESELLSCHA FT	05/12/2008	KOLKATA
14	270596	1107/KOL/2008	25/06/2008 16:15:50	27/07/2007	ELECTRIC MOTOR SYSTEMS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
15	270601	2741/KOLNP/2006	25/03/2005	29/03/2004	A LEVER WITH CAM FOLLOWERS OF A CAM WEAVE MECHANISM, A METHOD OF MANUFACTURING THE LEVER AND A CAM WEAVE MECHANISM COMPRISING SUCH A LEVER	STAUBLI FAVERGES	01/06/2007	KOLKATA
16	270605	3698/KOLNP/2009	30/04/2008	22/05/2007	3- TO 7-MEMBERED 1,3-DIAZA-4-OXO- HETEROCYCLIC DERIVATIVES CAPABLE OF RELASING ACTIVE ALDEHYDES OR KETONES	FIRMENICH SA	12/02/2010	KOLKATA
17	270609	5001/KOLNP/2007	21/07/2006	22/07/2005	ANTENNA ARRANGEMENT WITH INTERLEAVED ANTENNA ELEMENTS	POWERWAVE TECHNOLOGIES SWEDEN AB	27/06/2008	KOLKATA
18	270610	1167/KOLNP/2007	31/10/2005	04/11/2004	MOLDED PLASTIC BODY AND METHOD FOR PRODUCING THE SAME	SCHOCK GMBH	20/07/2007	KOLKATA
19	270614	622/KOL/2006	23/06/2006	08/07/2005	RELATIVE IMPEDANCE MEASUREMENT	BIOSENSE WEBSTER, INC	22/06/2007	KOLKATA

20	270615	1949/KOL/2008	04/11/2008	04/11/2007	METHOD AND APPARATUS TO PRIORITIZE TRANSMISSION OUTPUT TORQUE AND INPUT ACCELERATION FOR A HYBRID POWER TRAIN SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC	05/06/2009	KOLKATA
21	270618	1011/KOL/2008	10/06/2008 15:51:47	29/06/2006	APPARATUS FOR THE MANUFACTURE OF A SPUNBOND WEB	REIFENHAUSER GMBH & CO. KG. MASCHINENFABRIK	24/04/2009	KOLKATA
22	270619	4595/KOLNP/2008	07/05/2007	11/05/2006	HYDROGEN PRODUCTION SYSTEM	SUMITOMO SEIKA CHEMICALS CO., LTD.	13/03/2009	KOLKATA
23	270625	461/KOLNP/2007	02/09/2005	03/09/2004	TRAILER BRAKE SYSTEM	KNORR-BREMSE SYSTEMS FOR COMMERCIAL VEHICLES LIMITED	06/07/2007	KOLKATA
24	270626	3678/KOLNP/2006	25/03/2006	02/04/2005	FUEL FILTER	MAHLE INTERNATIONAL GMBH	15/06/2007	KOLKATA
25	270628	1535/KOL/2008	05/09/2008	28/09/2007	ELECTRICALLY VARIABLE TRANSMISSION WITH AN AXIALLY- MOVEABLE SELECTABLE ONE-WAY CLUTCH ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
26	270629	1937/KOLNP/2008	08/12/2006	13/12/2005	COMBINATION WEIGHER AND WEIGHING SYSTEM USING THE SAME	KAWANISHI SHOZO	09/01/2009	KOLKATA
27	270632	1943/KOLNP/2007	10/12/2004	08/12/2004	METHOD OF MANUFACTURING TOOTHBRUSH WITH NEEDLE-SHAPED BRISTLES AND TOOTHBRUSH MANUFACTURE BY THE SAME	KWON, YOUNG- JUN,KWON, SUNG- WOOK,KWON, SUNG- HWAN	10/08/2007	KOLKATA
28	270633	351/KOL/2008	26/02/2008	23/10/2007	MOBILE TERMINAL AND APPARATUS FOR CONTROLLING ILLUMINATION OF BACKLIGHT THEREOF	LG ELECTRONICS INC.	01/05/2009	KOLKATA
29	270634	236/KOL/2006	21/03/2006		A SYSTEM FOR REQUIRED CONTROLLED FLOW FEEDING OF GREASE IN WORK ROLL BEARINGS	STEEL AUTHORITY OF INDIA LIMITED	12/10/2007	KOLKATA
30	270635	550/KOL/2008	19/03/2008		AN IMPROVED COMPRESSIVE AND FLEXIBLE SEAL MEANS	BHARAT HEAVY ELECTRICALS LIMITED	25/09/2009	KOLKATA

31	270636	1088/KOLNP/2008	14/09/2006	22/09/2005	DEVICE FOR DRYING COMPRESSED GAS	ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP	19/12/2008	KOLKATA
32	270645	3924/KOLNP/2008	08/01/2007	16/03/2006	A HOLLOW FIBRE MEMBRANE MODULE WITH A FIXED STRUCTURE	HAINAN LITREE PURIFYING TECHNOLOGY CO.,LTD.	27/02/2009	KOLKATA
33	270648	2636/KOLNP/2009	11/04/2008	11/04/2007	METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING PACKET DATA UNIT IN MOBILE COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	28/08/2009	KOLKATA
34	270649	1656/KOLNP/2009	01/11/2006	01/11/2006	WIRELESS COMMUNICATION SYSTEM	FUJITSU LIMITED	12/06/2009	KOLKATA
35	270650	1074/KOLNP/2007	28/07/2005	27/09/2004	CAMPAIGN FOR DOWNLOADING DATA INTO PORTABLE COMMUNICATING OBJECTS	GEMALTO S.A.	13/07/2007	KOLKATA
36	270651	3127/KOLNP/2007	11/02/2006	11/02/2005	IDENTIFICATION SYSTEM FOR MEDICATION MANAGEMENT	CARDINAL HEALTH 303, INC	28/12/2007	KOLKATA
37	270662	4079/KOLNP/2008	18/03/2007	17/03/2006	MEGASONIC PROCESSING APPARATUS WITH FREQUENCY SWEEPING OF THICKNESS MODE TRANSDUCERS	GOODSON, MICHAEL, J.	27/02/2009	KOLKATA
38	270663	2291/KOLNP/2008	15/11/2006	15/11/2006	ARRANGEMENT AND METHOD RELATING TO MESSAGEING	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	30/01/2009	KOLKATA
39	270664	4974/KOLNP/2007	19/05/2006	20/05/2005	INHIBITORS OF VEGF RECEPTOR AND HGF RECEPTOR SIGNALING	METHYLGENE, INC.	03/04/2009	KOLKATA
40	270665	3309/KOLNP/2008	06/02/2007	08/02/2006	UPLINK AND DOWNLINK CHANNEL CONFIGURATION METHOD IN RADIO COMMUNICATION SYSTEM	NTT DOCOMO, INC.	13/02/2009	KOLKATA
41	270666	4427/KOLNP/2007	29/04/2005	29/04/2005	A TRIPLE POLARIZED CLOVER ANTENNA WITH DIPOLES	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	28/03/2008	KOLKATA

42	270667	4476/KOLNP/2007	10/05/2006	13/05/2005	SHIELDING FILM, SHIELDED PRINTED CIRCUIT BOARD, SHIELDED FLEXIBLE PRINTED CIRCUIT BOARD, METHOD OF MANUFACTURING SHIELDING FILM AND METHOD OF MANUFACTURING SHIELDED PRINTED CIRCUIT BOARD	TATSUTA SYSTEM ELECTRONICS CO., LTD.,NIPPON MEKTRON, LTD.	18/07/2008	KOLKATA
43	270669	3891/KOLNP/2007	10/05/2006	10/05/2005	FLASKLESS MOLDING METHOD	SINTOKOGIO, LTD.	31/10/2008	KOLKATA
44	270670	2654/KOLNP/2008	05/12/2006	07/12/2005	AN APPARATUS AND METHOD FOR TRANSMITTING INDEPENDENT DATA STREAMS FROM A PLURALITY OF RADIO ANTENNAS	TELEFONAKTIEBOLAGE T LM ERICSSON (PUBL)	30/01/2009	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART-1

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.

DESIGN CORRIGENDUM

The View of the Registered Design No. 273164 which has been erroneously published in the Patent Official Journal dated 18/12/2015, part –III, at page No. 66955, column 1 should be viewed as below.



THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of THE IAMS COMPANY registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
210154	09-99	MARS INCORPORATED OF
200509	04-02	6885 ELM STREET, MCLEAN,
242253	01-06	VIRGINIA, 22101, USA, A US
		COMPANY

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000 & <u>Designs (Amendment) Rules, 2008</u>

"The Dy. Controller of Patents & Designs by his order dated 30/12/2015 in respect of petition for cancellation (Petition No. Can/019/2012) filed by The Supreme Industries Limited, a Public Limited Company having its registered office at 612 Raheja Chambers, Nariman Point, Mumbai – 400 021, Maharashtra, India on 07/05/2012, cancelled the registration of registered Design No. 225175 dated 08/10/2009 under class 06-01 titled as 'Chair' in the name of Uma Plastics Limited, 14B, Camac Street, 3rd Floor, Suite No.3D, Kolkata – 700017, West Bengal, India."

"The Dy. Controller of Patents & Designs by his order dated 30/12/2015 in respect of petition for cancellation (Petition No. Can/042/2012) filed by Mitsubishi Pencil Company Ltd., a company incorporated under the laws of Japan having a place of business/registered office at 5-23-37 Higasi-Ohi Shinagawa, Tokyo-140-857, Japan on 21/08/2012, cancelled the registration of registered Design No. 236611 dated 10/05/2011 under class 19-06 titled as 'Pen' in the name of Flair Writing Instruments, an Indian partnership firm of 63 B/C, Govt. Industrial Estate, Charkop, Kandivali (W), Mumbai – 400067, Maharashtra, India, whose partners are Khubilal Jugrajji Rathod and Manjula V. Rathod, both Indians of the above address."

"The Dy. Controller of Patents & Designs by his order dated 30/12/2015 in respect of petition for cancellation (Petition No. Can/043/2012) filed by Mitsubishi Pencil Company Ltd., a company incorporated under the laws of Japan having a place of business/registered office at 5-23-37 Higasi-Ohi Shinagawa, Tokyo-140-857, Japan on 21/08/2012, cancelled the registration of registered Design No. 239181 dated 5th September 2011 under Class 19-06 titled as "Pen" in the name of Flair Pens and Plastic Industries, an Indian partnership firm of 63 B/C, Govt. Industrial Estate, Charkop, Kandivali (W), Mumbai – 400067, Maharashtra, India, whose partners are Khubilal J. Rathod, Rajesh K. Rathod, Vimalchand J. Rathod, Mohit K. Rathod and Sumit V. Rathod, all Indians of the above

"The Dy. Controller of Patents & Designs by his order dated 05/01/2016 in respect of petition for cancellation (Petition No. Can/046/2010) filed by M/s. Maya Appliances Private Limited of 2 (Old No.8), Boat Club, 1st Avenue, Chennai 600028 on 12/07/2010, cancelled the registration of registered Design No. 220531 dated 29/12/2008 under class 07-04 titled as 'Mixer Cum Grinder' in the name of M/s. Sairaj Industries, an Indian proprietory firm of Unit No.91, Virwani Industrial Estate, Ground Floor, Western Express Highway, Goregaon (East), Mumbai 400063, Maharashtra, India, whose proprietor is Mahesh Shyama Shetty of above address."

"Shri Jagteshwar Singh of 2nd Floor, Ramnath Building, Farskhana Chowk, Behind G.B. Road, Delhi - 110006 has filed a petition on 17/12/2015 (Petition No. Can/065/2015) for cancellation of registration of registered Design No. 249692 dated 26/11/2012 under Class 09-03 titled as "Packing Box" in the name of Dongguan Tr Bearing Co. Ltd., (A company incorporated and existing under the Laws of China), whose office is at No.27, Guantai Road, Guancheng District, Dongguan City, China."

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	205119	21.12.2015
2.	204088	04.01.2016
3.	204089	04.01.2016
4.	204090	04.01.2016
5.	265199	06.01.2016
6.	265200	06.01.2016
7.	265201	06.01.2016
8.	265202	06.01.2016
9.	265203	06.01.2016
10.	265204	06.01.2016
11.	265279	06.01.2016

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

	-		1
DESIGN NUMBER		272769	
CLASS		28-03	
1)KONINKLIJKE PHILIPS N.V., UNDER THE LAWS OF THE KING RESIDING AT EINDHOVEN, WI CAMPUS 5, 5656 AE EINDHOVEN,	G DOM OF THE NE HOSE POST-OFFIC	E THERLANDS, E ADDRESS IS HIGH TEO	
DATE OF REGISTRATION		16/06/2015	
TITLE	HANDLE FOR	R GROOMING APPARAT	US
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002627372-0003	05/02/2015	OHIM	
DESIGN NUMBER		273483	
CLASS		23-01	k -
1)SMC CORPORATION, A JAPA 14-1, SOTOKANDA 4-CHOME, (
DATE OF REGISTRATION	09	9/07/2015	
TITLE	FLOW CO	ONTROL VALVE	
PRIORITY PRIORITY NUMBER 2015-001200	RIORITY NUMBER DATE COUNTRY		
DESIGN NUMBER		273682	
CLASS		23-01	
1) LG ELECTRONICS INC. OF 20, YEOUIDO-DONG, YEON KOREA	GDEUNGPO-GU, S	EOUL 150- 721, REPUBL	IC OF
DATE OF REGISTRATION		17/07/2015	
TITLE	DISPLAY PA	NEL OF WATER PURIFIE	ER
PRIORITY NA			

DESIGN NUMBER		268873			
CLASS	SS 09-05				
1)CADILA HEALTHCAR INCORPORATED UNDER SARKHEJ-BAVLA, N.H. AHMEDABAD-382210, IND	THE CON NO. 08A, 1	APANIES ACT, 1956, O)F	TE.	RA
DATE OF REGISTRATION		14/01/2015			102
TITLE		BLISTER PACK			
PRIORITY NA				1 P	500
DESIGN NUMBER		269357			
CLASS		23-04			
1)LUMINOUS POWER T INDIAN COMPANY, INCO ACT. WHOES ADDRESS I ARO TOWER, PLOT NO PHASE-2, GURGAON-1220)RPORAT S)300, 2ND	ED UNDER COMPAN	IES	P	A Company
DATE OF REGISTRATION		06/02/2015		e	200
TITLE	CEILING FAN				
PRIORITY NA				/ 9	
DESIGN NUMBER		27	1016		
CLASS		09	09-01		
1)THE COCA-COLA CO EXISTING UNDER THE L ONE COCA-COLA PLAZ	AWS OF T ZA NW, AT	T HE STATE OF DELA FLANTA, GEORGIA 30	WARE 313, U	E OF SA	
DATE OF REGISTRATION	N		4/2015		_
TITLE		BO	TTLE		
PRIORITY					
		DATE	DATE COU		
29/504,178 02/10/2014		U.S	.A.		

DESIGN NUMBER			271566			
CLASS			12-15			
1)THE YOKOHAMA RUBBER CO., LTD., A JAPANESE COMPANY, OF 36-11, SHIMBASHI 5-CHOME, MINATO-KU, TOKYO 105-8685, JAPAN						
DATE OF REGISTRA	TION		21	/04/2015		
TITLE			AUTON	MOBILE TIR	E	
PRIORITY						
PRIORITY NUMBER		DATE		COUN	ΓRY	
2014-023537		21/10/2	014	JAPAN		
DESIGN NUMBER		272842				
CLASS		15-03				
1104, G.T. ROAD, I 141014 (PUNJAB) IND DULY REGISTERED U 1956) OF THE ABOVE DATE OF	IA (AN II JNDER T	NDIAN COMPANY HE COMPANIES A SS	ζ	- Aller		
REGISTRATION		18/06/2015		11		A A
TITLE	ST	RAW SHAVER AN SHREDDER	ID			
PRIORITY NA						
DESIGN NUMBER		273	3493			
CLASS		23-04				
1) DAIKIN INDUSTI ADDRESS: UMEDA CENTER KITA-KU, OSAKA-SH	BUILDIN	G, 4-12 NAKAZAH			/	
DATE OF REGISTRATION		10/07	10/07/2015		Z	
TITLE	TITLE AIR CONDITIONE		R	- Ch		
PRIORITY	ł					
PRIORITY NUMBER		DATE	COUN	TRY		A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O
2015-002326		06/02/2015	JAPAN	1		\sim

DESIGN NUMBER		271011					
CLASS		15-01					
1)LANDI RENZO S.P.A., A C OF ITALY, AT VIA NOBEL 2/4, FRAZIONI (REGGIO EMILIA), ITALY					AWS		8
DATE OF REGISTRATION		0	6/04/201	5		1	In Mar
TITLE		DUSING FOR ICES FOR IN E		L COMBUS		B	
PRIORITY							
PRIORITY NUMBER	D	DATE	C	OUNTRY			
IX-DM/085699	2	6/02/2015	W	/IPO			
DESIGN NUMBER			27	2788			
CLASS			1	1-01			
1)NIRAV MODI, OF TRADE POINT BUILDIN MUMBAI 400013, INDIA	NG, 2ND	FLOOR KA	MALA	MILLS, LOV	VER PA	AREL,	
DATE OF REGISTRATION		17/06/2015					KALY)
TITLE		JEWELRY					
PRIORITY							
PRIORITY NUMBER		DATE	COUNTRY				
29/527,009		14/05/2015	U.S.A.				
DESIGN NUMBER		2734	89				
CLASS		23-0)4				
1) DAIKIN INDUSTRIES LTI ADDRESS: UMEDA CENTER BUILDIN KITA-KU, OSAKA-SHI, OSAK	G, 4-12	NAKAZAKI					
DATE OF REGISTRATION		10/07/2015		<	× E		
TITLE	AIR CONDITIONER			A			
PRIORITY							
PRIORITY NUMBER	DAT	Έ	COUN	TRY			
2015-001432	27/01	1/2015	JAPAN	I			\sim

DESIGN NUMBER		273685		
	23-02			
CLASS23-021)CHIRAG PAREKH, INDIAN NATIONAL, AT KAMANI CHAMBERS, 32, RAMJIBHAI KAMANI MARG, BALLARD ESTATE, MUMBAI-400038, MAHARASHTRA, INDIADATE OF REGISTRATION17/07/2015				
TITLE		WATER CLOSET		
PRIORITY NA				
DESIGN NUMBER		269140		
CLASS		05-05		
UNDER THE PROVISION REGISTERED OFFICE AT A-26, CENTRAL PARK, DATE OF REGISTRATION	OF COM GIDC, PA	RINTS PVT. LTD. A COMPA PANIES ACT, 1956 HAVING NDESARA, SURAT-394221 G 29/01/2015	ITS UJARAT	
TITLE		TEXTILE FAE	RIC	
PRIORITY NA				
DESIGN NUMBER		270950		
CLASS		25-01		HA AHA AHA AHA AHA
1)GOBIND GLASS & INDUSTRIES LTD., A COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956 HAVING PLACE OF BUSINESS AT: 26, GOVT. SERVANT SOCIETY, BEHIND MUNICIPAL MARKET, OPP: CADILLA HOUSE, NAVRANGPURA, AHMEDABAD 380009 (GUJARAT STATE) INDIA				
DATE OF REGISTRATION		06/04/2015	# Ö # Ö	#O#O#O#O
TITLE		GLASS SHEET		AN ADA ANA ANA ANA
PRIORITY NA			A	O X O X O X O X O

TABLE TO THE CASE 21121 CLASS 07-02 DEIN CHU YEN 07-02 YE, NO, 30 SANDE ST., SANCHONG DIST., NEW TAPEI CITY 2433, TAIWAN. DATE OF REGISTRATION 1TILE FOOD CONTAINER PRIORITY NA DESIGN NUMBER 212772 CLASS 10-02 1JTURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIËRES, SWITZERLAND DATE OF RICHSTRATION 16-06/2015 TITLE WATCH BRACELET PRIORITY PRIORITY PRIORITY MOVEMER 272382 CLASS 10-03 JUCONA INUUSTRIAL ESTATE, OFF: MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAL400093, MAHARASHITRA, INDIA, AN INDIAN SOLE PROPRIETORY FIRM, WHOSE PROPRIETOR IS PRAKASH NARAINDAS NOTWANA, NI NDIAN ANONOSH, MAHARASHITRA, INDIA, AN INDIAN SOLE PROPRIETORY FIRM, WHOSE PROPRIETOR IS PRAKASH NARAINDAS NOTWANA NI NUDAN NOTOSAL, MAHARASHTA, ONDIA, AN INDIAN SOLE PROPRIETORY FIRM, WHOSE PROPRIETOR IS PRAKASH NARAINDAS NOTWANA NA INDIAN ANDOSH, MAHARASHTRA, INDIA ANTACRUZ WEST, MUMBAL400054, MAHARASHTRA, INDIA NOVEMENT SENSOR PRIORITY NA	DESIGN NUMBER	271	1537			
ICHIN CHU YEN 9F, NO. 30, SANDE ST., SANCHONG DIST., NEW TAIPEI CITY AI33, TAIWAN. DATE OF REGISTRATION PRIORITY NA DESIGN NUMBER DESIGN NUMBER 272772 CLASS 1/JTURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHATEAU 26A, 2805 SOYHERES, SWITZERLAND DATE OF IO02 JTURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHATEAU 26A, 2805 SOYHERES, SWITZERLAND DATE OF REGISTRATION 1606/2015 TITLE WATCH BRACELET PRIORITY NUMBER DATE OF OF MATE Colspan="2">CLASS 1002 DESIGN NUMBER 272382 CLASS 10:005 JOCAN INDUSTRIES, 20:21, NRAJ INDUSTRIES, 20:21, NRAJ INDUSTRIES, 20:21, NRAJ INDUSTRIAL ESTATE, OFF: MAHAKALI CAVES R				_		
REGISTRATION 2004/2013 TITLE FOOD CONTAINER PRIORITY NA Image: Contrainer of the second secon	1)CHIN CHU YEN 9F., NO. 30, SANDE ST.,					
PRIORITY NA DESIGN NUMBER 272772 CLASS 10-02 IJTURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO SA, CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÊRES, SWITZERLAND Image: Comparison of the comp		20/04	4/2015)
DESIGN NUMBER 272772 CLASS 10-02 IJTURLEN HOLDING SA, ASWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND DATE OF REGISTRATION 16/06/2015 TITLE WATCH BRACELET PRIORITY PAIORITY NUMBER DATE COUNTRY 860437401 18/12/2014 WPO Design NUMBER 272382 CLASS 10-05 JOCONA INDUSTRIAL ESTATE, OFF: MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI-400093, MAHARASHTRA, INDIA, AN INDIAN SOLE PROPRIETORY FIRM, WHOSE PROPRIETOR IS PRAKASH NARAINDAS MOTWANI, AN INDIAN NATIONAL, RESIDENT OF GARDEN QUEEN, SANTACRUZ WEST, MUMBAI 400054, MAHARASHTRA, INDIA DATE OF REGISTRATION 27/05/2015 TITLE MOVEMENT SENSOR FORMENT SENSOR DIOCONA INDUSTRIAL COUNCES, AND	TITLE	FOOD CC	ONTAINER		1	/
CLASS 10-02 I)TURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO SA., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND DATE OF REGISTRATION 16/06/2015 TITLE WATCH BRACELET PRIORITY PRIORITY PRIORITY NUMBER DATE CLASS 10-05 DESIGN NUMBER 272382 CLASS 10-05 I)CONA INDUSTRIES, 20/21, NIRAJ INDUSTRIAL ESTATE, OFF: MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI-400093, MAHARASHITRA, INDIA, AN INDIAN SOLE PROPRIETORY FIRM, WHOSE PROPRIETOR IS PRAKASH NARAINDAS MOTWANI, AN INDIAN NATIONAL, RESIDENT OF GARDEN QUEEN, SANTACRUZ WEST, MUMBAI 400054, MAHARASHITRA, INDIA DATE OF REGISTRATION 27/05/2015 TITLE MOVEMENT SENSOR	PRIORITY NA					
I)TURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO SA., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIËRES, SWITZERLAND DATE OF REGISTRATION 16/06/2015 TITLE WATCH BRACELET PRIORITY PRIORITY NUMBER DATE (OUNTRY) 000000000000000000000000000000000000	DESIGN NUMBER	2727	772			
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CLASS10-051)CONA INDUSTRIES, 20/21, NIRAJ INDUSTRIAL ESTATE, OFF: MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI-400093, MAHARASHTRA, INDIA, AN INDIAN SOLE PROPRIETORY FIRM, WHOSE PROPRIETOR IS PRAKASH NARAINDAS MOTWANI, AN INDIAN NATIONAL, RESIDENT OF GARDEN QUEEN, SANTACRUZ WEST, MUMBAI 400054, MAHARASHTRA, INDIAIndiaDATE OF REGISTRATION27/05/2015IIILEIIILEMOVEMENT SENSOR	PRIORITY NUMBER			Y	Calledon .	3
1)CONA INDUSTRIES, 20/21, NIRAJ INDUSTRIAL ESTATE, OFF: MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI-400093, MAHARASHTRA, INDIA, AN INDIAN SOLE PROPRIETORY FIRM, WHOSE PROPRIETOR IS PRAKASH NARAINDAS MOTWANI, AN INDIAN NATIONAL, RESIDENT OF GARDEN QUEEN, SANTACRUZ WEST, MUMBAI 400054, MAHARASHTRA, INDIA DATE OF REGISTRATION 27/05/2015 TITLE MOVEMENT SENSOR	DESIGN NUMBER		272382			
20/21, NIRAJ INDUSTRIAL ESTATE, OFF: MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI-400093, MAHARASHTRA, INDIA, AN INDIAN SOLE PROPRIETORY FIRM, WHOSE PROPRIETOR IS PRAKASH NARAINDAS MOTWANI, AN INDIAN NATIONAL, RESIDENT OF GARDEN QUEEN, SANTACRUZ WEST, MUMBAI 400054, MAHARASHTRA, INDIA DATE OF REGISTRATION 27/05/2015 TITLE MOVEMENT SENSOR	CLASS		10-05			
	20/21, NIRAJ INDUSTRIA ANDHERI EAST, MUMBAI- SOLE PROPRIETORY FIRM MOTWANI, AN INDIAN NA SANTACRUZ WEST, MUME DATE OF REGISTRATION TITLE	400093, MAHARASH , WHOSE PROPRIETO TIONAL, RESIDENT 3AI 400054, MAHARA	TRA, INDIA, AN IN DR IS PRAKASH NA OF GARDEN QUEE ASHTRA, INDIA 27/05/2015	DIAN ARAINDAS		1

DESIGN NUMBER		273683			
CLASS			23-01		
1)ANAND KUMAR JAIN, I A WING, 2ND FLOOR, M DADAR (W), MUMBAI-40002	HATRE PEN BUII	DING, SE		PAT MARG,	
DATE OF REGISTRATION			17/07/2015		
TITLE		LPG	REGULATO	DR	Channel and the second
PRIORITY NA					
DESIGN NUMBER	226	752			
CLASS	23-	02			~
1)KOHLER (CHINA) INVE 19/F, SHANGHAI SQUAR SHANGHAI, CHINA 2000021				\square	
DATE OF REGISTRATION	12/01/	12/01/2010			
TITLE	BATHIN	IG TUB			
PRIORITY NA			r.		
DESIGN NUMBER		271014			
CLASS	<u> </u>	15-01			
1)LANDI RENZO S.P.A., A LAWS OF ITALY, AT VIA NOBEL 2/4, FRAZIOI (REGGIO EMILIA), ITALY				and the second se	
DATE OF REGISTRATION	06	06/04/2015			
TITLE	DEVICES	SING FOR GAS-ECONOMIZING DEVICES FOR INTERNAL COMBUSTION ENGINES		A CONTRACTOR	
PRIORITY					
PRIORITY NUMBER	DATE		INTRY		
IX-DM/085699	26/02/2015	WIP	0		

DESIGN NUMBER	271565				
CLASS	S 12-15				/
1)THE YOKOHAMA RUB OF 36-11, SHIMBASHI 5-0					AND THE REAL PROPERTY OF THE R
DATE OF REGISTRATION		2	1/04/2015		
TITLE		AUTO	MOBILE TIR	E	
PRIORITY PRIORITY NUMBER 2014-023536		DATE COUNTRY 21/10/2014 JAPAN			
DESIGN NUMBER			272167		
CLASS			09-03]
1)MOLD-TEK PACKAGIN DOOR NO.: 8-2-293/82/A/ JUBILEE HILLS, HYDERABA NATIONALITY	700, GROUND FLO	GANA, INI	DIA OF INDIA		
DATE OF REGISTRATION		15/05/2015			
TITLE		PACKAGING CONTAI			_
PRIORITY NA					
DESIGN NUMBER	2	273492			
CLASS	23-04				
1)DAIKIN INDUSTRIES LTD., A JAPANESE COMPANY OF THE ADDRESS: UMEDA CENTER BUILDING, 4-12 NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, OSAKA-FU, JAPAN					
DATE OF REGISTRATION	10/07/2015				
	AIR CONDITIONER		(U)		
TITLE				1	
TITLE PRIORITY		ſ			//
	DATE	COUN	ITRY		

DESIGN NUMBER			258912		
CLASS			12-05		
1)SOVELLUSMESTARITO PLACE OF BUSINESS AT KULMAKUJA 6, PORV			IAVING ITS PRINC		3
DATE OF REGISTRATION			20/12/2013		
TITLE		PAPER	ROLL CONVEYOR		12 20
PRIORITY NA					
DESIGN NUMBER		271	013		
CLASS		15-	01	1	
1)LANDI RENZO S.P.A., A LAWS OF ITALY, AT VIA NOBEL 2/4, FRAZION (REGGIO EMILIA), ITALY					
DATE OF REGISTRATION		06/04/	/2015		
TITLE		HOUSING FOR GAS-ECONOMIZING DEVICES FOR INTERNAL COMBUSTION ENGINES			
PRIORITY	ſ				- Aller
PRIORITY NUMBER	DA	ATE	COUNTRY		
IX-DM/085699	26	/02/2015	WIPO		
DESIGN NUMBER			263882		
CLASS			09-05		Personal and a second se
1)CADILA HEALTHCARE SARKHEJ-BAVLA, N.H. N 382210, INDIA			ΓAL. SANAD, AHM	EDABAD-	
DATE OF REGISTRATION 04/07/2014					
TITLE	E PACKAGING STRIP FOR M				
PRIORITY NA					

	272024	
DESIGN NUMBER	272834	
CLASS	09-01	
	INDIAN CITIZEN, AGARA, JORA ASTHATALA, P.O. PIN-712222, STATE OF WEST BENGAL, INDIA	A
DATE OF REGISTRATION	18/06/2015	
TITLE	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	272948	
CLASS	11-02	
	AD, DHANDARI KALAN, LUDHIANA-141010 IPANY DULY REGISTERED UNDER THE	
DATE OF REGISTRATION	22/06/2015	
TITLE	DECORATIVE ARTICLE	
PRIORITY NA		
DESIGN NUMBER	272524	
CLASS	23-03	
	CTRIC APPLIANCE CO., LTD, DONGFU ROAD, DONGFENG TOWN, 3 PROVINCE, PR CHINA, A COMPANY OF	
DATE OF REGISTRATION	03/06/2015	Ben
TITLE	ELECTRIC WATER HEATER	Semake.
PRIORITY NA		0:

DESIGN NUMBER		273491		
CLASS		23-04		
1) DAIKIN INDUSTRIES LTD., ADDRESS: UMEDA CENTER BUILDING, OSAKA-SHI, OSAKA-FU, JAPAN				
DATE OF REGISTRATION	10)/07/2015		
TITLE	AIR CO	ONDITIO	NER	
PRIORITY				
PRIORITY NUMBER	DATE	COU	UNTRY	× ×
2015-001441	27/01/2015	JAP	AN	
DESIGN NUMBER		22492	25	
CLASS		09-0	3	Q
1)COLGATE-PALMOLIVE CO A DELAWARE CORPORATION		JE, NEW	YORK, NY 10022, U	JSA
DATE OF REGISTRATION		29/09/2	2009	
TITLE		CONTA	INER	
PRIORITY PRIORITY NUMBER 29/334, 427	DATE 26/03/2009		COUNTRY U.S.A.	
DESIGN NUMBER		2715	67	
CLASS		12-1	5	
1)THE YOKOHAMA RUBBER OF 36-11, SHIMBASHI 5-CHOM				
DATE OF REGISTRATION		21/04/2	2015	
TITLE	AU	JTOMOB	ILE TIRE	
PRIORITY				
PRIORITY NUMBER	DATE	DATE COUNTRY		
2014-023538	21/10/2014		JAPAN	
				E

DESIGN NUMBER	273163	
CLASS	08-06	
PRINCIPAL PLACE OF BUSI AT PATEL IND. AREA, PLC	A AN INDIAN NATIONAL HAVING HIS NESS NT NO-7, N/H. 8-B, RING ROAD, B/H. RAILW NDDHI SOCIETY, RAJKOT, GUJARAT-INDI	
DATE OF REGISTRATION	26/06/2015	
TITLE	KNOB	
PRIORITY NA		
DESIGN NUMBER	273501	·
CLASS	08-06	
	AL AREA, SAHIBABAD-201010, INDIAN COMPANY DULY REGISTERED	
PRIORITY NA		
DESIGN NUMBER	275110	
CLASS	09-01	
OFFICE AT	S UPADHYAY (INDIAN NATIONAL) HAV KAPURWALA BUILDING, GROUND FLOO 03, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/09/2015	Deserve to
TITLE	BOTTLE	
PRIORITY NA		Shreeji Brand Saffron Pure Gold

DESIGN NUMBER			273473		
CLASS		-	28-03		
1)DYSON TECHNOLO THE LAWS OF THE UNI TETBURY HILL, MAL	TED KING	DOM, OF	CORPORATED		
DATE OF REGISTRATIO	DN	09/07/2015			
TITLE		HAIR	APPLIANCE		
PRIORITY					
PRIORITY NUMBER		DATE	COUNTRY		
001428098-0002		12/01/2015	OHIM		
DESIGN NUMBER			273679		
CLASS			23-01		
1)LG ELECTRONICS I OF 20, YEOUIDO-DON KOREA		DEUNGPO-GU, SEOU	JL 150- 721, REP	UBLIC OF	
DATE OF REGISTRATIO	DN	17	/07/2015		
TITLE		WATER PURIFIER			
PRIORITY NA					
DESIGN NUMBER		275241			
CLASS		12-05			
1)ACTION CONSTRUC OF DHUDHOLLA LIN PALWAL, HARYANA-121	K ROAD, V	ILLAGE DHUDHOLL			
DATE OF REGISTRATION		04/09/2015			
TITLE	UPPER (GUIDE ROLLER OF C CRANE	RAWLER		
PRIORITY NA					LU

226	5671	
06	-03	
ORS/JOINT OWNERS	S) OF	
04/01	1/2010	
TELEVISIO	N CABINET	
2700)59	
12-(08	A
03/03/2	2015	2 70
CA	R	
DATE	COUNTRY	in the second
03/09/2014	OHIM	
270)302	
12	-11	-
	U-KU, IUKIU,	_
	3/2015	-
12/03		
	06 R ADLAKHA AND M RS/JOINT OWNERS RIDABAD-121007 (HA 04/01 TELEVISIO 2700 12-0 CORGHINI S.P.A., AN 19 SANT' AGATA BC 03/03/ CA DATE 03/09/2014 2700 12	

DESIGN NUMBER		270322			
CLASS				26-06	1
1)HONDA MOTOR CO., LTD. 1-1, MINAMI-AOYAMA 2-CH					
DATE OF REGISTRATION		12/03/2015			
TITLE	REAR COMBINATION LAMP FOR AUTOMOBILE				
PRIORITY		-			
PRIORITY NUMBER		DATE		COUNTRY	
2014-021109		24/09/20	14	JAPAN	
DESIGN NUMBER				273668	
CLASS				14-03	
1)SAMSUNG ELECTRONICS OF 129, SAMSUNG-RO, YEO REPUBLIC OF KOREA					
DATE OF REGISTRATION			1	7/07/2015	
TITLE			MOI	BILE PHONE	
PRIORITY NUMBER 30-2015-0011701	DAT 09/03	E 8/2015	COUN' REPUE	TRY BLIC OF KOREA	
DESIGN NUMBER				264493	
CLASS				06-04	
1)WIM PLAST LIMITED, A P UNDER THE PROVISIONS OF ADDRESS AT 1ST FLOOR, CORPORATE A' ROAD, GOREGAON (EAST), MU	COM VENU	PANIES AC TE, 'B' WING	C T, 1956 G, CELL AHARA	5 , HAVING OFFICE LO HOUSE, SONAWALA ASHTRA, INDIA	
DATE OF REGISTRATION		05/08/2014			
TITLE PRIORITY NA				UPBOARD	

DESIGN NUMBER		275206	
CLASS		10-05	
1)BERNT LORENTZ GM OF SIEBENSTÜCKEN 2 GERMANY			NY,
DATE OF REGISTRATION	0.	3/09/2015	
TITLE	CON	NTROL BOX	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002649178-0001	09/03/2015	OHIM	
DESIGN NUMBER	270	0320	
CLASS	12-	-16	
1)HONDA MOTOR CO., CORPORATION, OF 1-1, MINAMI-AOYAMA 107-8556, JAPAN DATE OF	A 2-CHOME, MINA	FO-KU, TOKYO,	
REGISTRATION	12/03	8/2015	
TITLE	REAR BUMPER F	OR AUTOMOBILE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-021104	24/09/2014	JAPAN	
DESIGN NUMBER	270	0410	
CLASS	23	-01	
1) PRAVEEN RAWAT D-4, KALYAN RESIDE PASHAN-SUS ROAD, P.O			
DATE OF REGISTRATION	18/03	8/2015	
TITLE	FLUID DISTRIBUT	FION EQUIPMENT	
PRIORITY NA			1

DESIGN NUMBER	263	3423			
CLASS	12	-16	der.		
1)R. N. GUPTA & COMPAN INCORPORATED UNDER TH OFFICE AT UNIT-II, GT ROAD, TEHSII	IE COMPANIES ACT,	, 1956), HAVING ITS	and a second sec		
DATE OF REGISTRATION	17/06	5/2014	1		
TITLE	EXTENSION ASSI	EMBLY OF CRANE	1		
PRIORITY NA					B
DESIGN NUMBER		273633			
CLASS		12-11		Kr.	
UNDER THE COMPANIES A "JAYALAKSHMI ESTATES					•
, ,		17/07/2015		RES	-
DATE OF REGISTRATION		17/07/2015 MOTORCYCLE			
DATE OF REGISTRATION TITLE					
DATE OF REGISTRATION TITLE PRIORITY NA					M
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER		MOTORCYCLE			M
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	D., A JAPANESE COR	MOTORCYCLE 270301 12-11 PORATION, OF			M
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)HONDA MOTOR CO., LTI 1-1, MINAMI-AOYAMA 2-0	D., A JAPANESE COR CHOME, MINATO-KU,	MOTORCYCLE 270301 12-11 PORATION, OF			
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)HONDA MOTOR CO., LTT 1-1, MINAMI-AOYAMA 2-0 DATE OF REGISTRATION	D., A JAPANESE COR CHOME, MINATO-KU, 12	MOTORCYCLE 270301 12-11 PORATION, OF TOKYO, JAPAN			
TITLE PRIORITY NA DESIGN NUMBER CLASS 1)HONDA MOTOR CO., LTI 1-1, MINAMI-AOYAMA 2-0	D., A JAPANESE COR CHOME, MINATO-KU, 12	MOTORCYCLE 270301 12-11 PORATION, OF TOKYO, JAPAN /03/2015			
DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)HONDA MOTOR CO., LTI 1-1, MINAMI-AOYAMA 2-0 DATE OF REGISTRATION TITLE	D., A JAPANESE COR CHOME, MINATO-KU, 12	MOTORCYCLE 270301 12-11 PORATION, OF TOKYO, JAPAN /03/2015			

DESIGN NUMBER		2735	5/18		
CLASS		09-01			
1)DINESH THAKKER., (INDI PERSIAN APARTMENT, "A' (WEST), MUMBAI-400058, MAH	' WING, GROUND F	LOOR, V.F		DHERI	
DATE OF REGISTRATION		14/07/	2015		and the second se
TITLE		BOT	TLE		
PRIORITY NA					Frank View
DESIGN NUMBER		2694	475		
CLASS		21-	01		
1) ZHANG HENG, AN CHINE ROOM 502, UNIT 3, BUILDII JINAN, SHANDONG 250022, CH	NG A1, YANGGUAN		MMUNITY, H	HUAIYIN,	
DATE OF REGISTRATION		10/02/	2015		
TITLE		TOY B	LOCK		
PRIORITY PRIORITY NUMBER CN201430268810.6 DESIGN NUMBER	DATE 01/08/2014	4	COUNTRY CHINA		
				-	
CLASS 1)AMAZON TECHNOLOGIE P.O. BOX 81226, SEATTLE, V AMERICA	S, INC.	4-03 TED STAT	TES OF	-	
DATE OF REGISTRATION	18/0	18/03/2015			//00°0//
TITLE	REMOTE	E CONTRO	DL		11 - 91
PRIORITY				A	//
PRIORITY NUMBER	DATE	COUN	TRY	\sim	//
29/503,750	29/09/2014	29/09/2014 U.S.A.			$\boldsymbol{\boldsymbol{\bigtriangledown}}$

DESIGN NUMBER		271474		
CLASS		08-06		
1)SANVI ENTERPRISE, AN I PLACE OF BUSINESS AT NATIONAL HIGHWAY 8 KOTHARIYA SOLVENT AREA, DIST: RAJKOT-360004, GUJARA DATE OF REGISTRATION	-B, OPPOSITE I NEAR DHOKIY	PARIN FURNITURE,		
TITLE		HANDLE		
PRIORITY NA				
DESIGN NUMBER		273670		
CLASS		14-03	NO	
1)SAMSUNG ELECTRONICS OF 129, SAMSUNG-RO, YEC REPUBLIC OF KOREA		KOREAN COMPANY, SUWON-SI, GYEONGGI-DO 443	742,	
DATE OF REGISTRATION		17/07/2015		
TITLE		MOBILE PHONE	a	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY		
30-2015-0011007	04/03/2015	REPUBLIC OF KOREA		
50-2013-0011007	04/03/2013	KEPUBLIC OF KOKEA		
DESIGN NUMBER		273345	I	
CLASS		23-04		
UNDER THE PROVISION OF I ADDRESS AT	NDIAN COMP. 'E AVENUE, 'B'	ED COMPANY REGISTERED ANIES ACT, 1956, HAVING OF ' WING, SONAWALA ROAD, RASHTRA, INDIA	FICE	
DATE OF REGISTRATION		03/07/2015		
TITLE	ITLE AIR COOLER			
PRIORITY NA				

DESIGN NUMBER		274005	
CLASS			
1)GODREJ & BOYCE MFG. CO INCORPORATED UNDER THE (OF GODREJ INTERIO, PLANT MUMBAI-400079, INDIA	COMPANIES ACT, 1913	,	
	E OF REGISTRATION 29/07/2015		
TITLE		DY TABLE	
PRIORITY NA			
DESIGN NUMBER	2741	00	
CLASS	07-0)2	
1)PRAVIN VASANT MEHTA, A PROPRIETORSHIP FIRM AT MA 418, CORPORATE AVENUE, N GOREGAON (E), MUMBAI:400063 ABOVE ADDRESS DATE OF REGISTRATION TITLE PRIORITY NA	S. JIGER PLAST (INDL EW UDYOG BHAVAN,	A), SONAWALA ROAD, ROPRIETOR OF 2015	
DESIGN NUMBER		225053	
CLASS	26-05		
1)FLOS S.P.A VIA A. FAINI, 2, I-25073 BOVE	ZZO, BRESCIA, ITALY		
DATE OF REGISTRATION	05/10/2009		
TITLE	LIGHT	ING DEVICE	
PRIORITY PRIORITY NUMBER BS2009O000019	DATE 06/04/2009	COUNTRY ITALY	

DESIGN NUMBER		270306	
CLASS		12-11	
1)HONDA MOTOR CO., LTI 1-1, MINAMI-AOYAMA 2-C			
DATE OF REGISTRATION	12	2/03/2015	Nie Ol
TITLE	MOT	FORCYCLE	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
2014-020337	12/09/2014	JAPAN	
DESIGN NUMBER		272293	
CLASS		08-08	
JASPAL BANGAR ROAD, II 141010 (PUNJAB) INDIA AN IN ARE:- RAJEEV RANJAN & SAU NATIONALS OF THE ABOVE A	DIAN PROPRIET JRAV KUMAR M	ORSHIP FIRM WHOSE PAI	
DATE OF REGISTRATION			
TITLE PRIORITY NA		ROOF SOLAR HOOK	
DESIGN NUMBER		273580	
CLASS		15-05	
1)SAMSUNG ELECTRONIC 129, SAMSUNG-RO, YEON REPUBLIC OF KOREA, A COM	GTONG-GU, SUW		13-742,
DATE OF REGISTRATION		15/07/2015	
TITLE		WASHING MACHINE	
PRIORITY	DATE	COUNTRY	
PRIORITY NUMBER	DATE	COUNTRY	
30-2015-0003481	22/01/2015	REPUBLIC OF KOREA	

DEGLONINUMBED			07007	
DESIGN NUMBER			273327	
CLASS			09-01	
1)HEALING HANDS & HERB 4TH FLOOR, MILLENNIUM S 411014, M.S., INDIA				
DATE OF REGISTRATION			03/07/2015	
TITLE			BOTTLE	
PRIORITY NA				
DESIGN NUMBER		27	5180	
CLASS		12	2-11	
1)HONDA MOTOR CO., LTD. 1-1, MINAMI-AOYAMA 2-CH				
DATE OF REGISTRATION		03/0	9/2015	
TITLE	I	REAR COVER FO	OR MOTORCYCLE	
PRIORITY PRIORITY NUMBER	I	DATE	COUNTRY	
2015-004792	(05/03/2015	JAPAN	
DESIGN NUMBER		2731	74	
				-
CLASS 1)RUCHEETA RAMAKANT (17/18, GOLDEN HEIGHT, 137 SHIVAJI PARK TELEPHONE EX MUMBAI:400028 (INDIA) OF AB	TH FLO	OR, ANANT PAT GE, SHIVAJI PAI DDRESS	TIONALS, AT FIL MARG, NEAR RK, DADAR (WEST),	thudro.tal
DATE OF REGISTRATION		29/06/2		
TITLE		WATER IG	ONIZER	
PRIORITY NA				

DESIGN NUMBER		273540	
CLASS		31-00	
1)MR. MAHENDRA JAIN AE SARASWATI HOUSE, 24/20 MUMBAI-400104, INDIA; NATI	3-204, 2ND UNNAT		DN (WEST),
DATE OF REGISTRATION		14/07/2015	
TITLE		BLENDER	
PRIORITY NA			
DESIGN NUMBER		275136	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS UNDER THE PROVISION OF REGISTERED OFFICE AT A-26, CENTRAL PARK, GID	COMPANIES ACT	F, 1956 HAVING ITS	*T
DATE OF REGISTRATION		01/09/2015	- KI - KI
TITLE		TEXTILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		271012	
CLASS		15-01	
1)LANDI RENZO S.P.A., A C OF ITALY, AT VIA NOBEL 2/4, FRAZIONE (REGGIO EMILIA), ITALY			ws
DATE OF REGISTRATION	0	6/04/2015	SIII ////
TITLE	HOUSING FOR GAS-ECONOMIZING DEVICES FOR INTERNAL COMBUSTION ENGINES		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
IX-DM/085699	26/02/2015	WIPO	
L			

DESIGN NUMBER		263881				
CLASS		09-05				
1)CADILA HEALTHCARE SARKHEJ-BAVLA, N.H. N 382210, INDIAN		, MORAIYA,	, TAL. S	SANAD, AHME	EDABAD-	
DATE OF REGISTRATION				04/07/2014		
TITLE		PACKA	AGING	STRIP FOR M	EDICINES	
PRIORITY NA						
DESIGN NUMBER				272905		
CLASS				19-06		-
1)S. S. B. METAL WORKS, K. YUNUS BLDG., 2ND FLOOR, VISHWESHWAR NAGAR ROAD, C ROAD, GOREGAON (E), MUMBAI - 400063, STATE OF MAHARASHTR INDIAN PARTNERSHIP FIRM, INDIAN NATIONALS WHOSE PARTNE BHARAT JETHMAL LUNIA (2) PRAVIN JETHMAL LUNIA INDIAN NA ABOVE ADDRESSDATE OF REGISTRATION22/06/2015			RA, (INDIA), ERS ARE:- 1. ATIONAL, OF			
TITLE			BA	LL POINT PEN	I	
PRIORITY NA						
DESIGN NUMBER		273	3490			·
CLASS		23	3-04		-	
1)DAIKIN INDUSTRIES LTD., A JAPANESE COMPANY OF THE ADDRESS: UMEDA CENTER BUILDING, 4-12 NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI, OSAKA-FU, JAPAN						
DATE OF REGISTRATION		10/07/2015				
TITLE		AIR CONDITIONER		X		
PRIORITY					1	
PRIORITY NUMBER	D	ATE	ATE COUNTRY			
2015-001433	27	//01/2015	/01/2015 JAPAN			\checkmark

DESIGN NUMBER				27	73687	
CLASS		1		1	5-05	
1)SAMSUNG ELECTRONICS CO., LTD. 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA						
DATE OF REGISTRAT	ION		17/07/2015			
TITLE				WASHIN	G MACHINE	
PRIORITY						
PRIORITY NUMBER	DA	TE		COUNTR	Y	
30-2015-0003479	22/	01/2015	5	REPUBLI	C OF KOREA	
DESIGN NUMBER		2703	311			
CLASS		12-0)8			
1)HONDA MOTOR C CORPORATION, OF 1-1, MINAMI-AOYA TOKYO, 107-8556, JAPA	MA 2-CHOM			KU,	~	
DATE OF REGISTRATION		12/03/2015				A
TITLE		CAR				
PRIORITY						
PRIORITY NUMBER	DATE		COU	NTRY		
2014-021096	24/09/2	2014	JAPA	N		•
DESIGN NUMBER				26	53887	
CLASS				0	9-05	
1) CADILA HEALTHO SARKHEJ-BAVLA, N 382210, INDIA		, MOR	AIYA,	TAL. SAN	AD, AHMEDABAD-	
DATE OF REGISTRATION 04/0			04/0	07/2014		
TITLE PACKAGING STR			GING STH	RIP FOR MEDICINES		
PRIORITY NA						

DESIGN NUMBER	2	273261	
CLASS		07-02	
1)KONINKLIJKE PHILIPS N.V EXISTING UNDER THE LAWS (NETHERLANDS, RESIDING AT EINDHOVEN, V TECH CAMPUS 5, 5656 AE EINDH	, A COMPANY OR OF THE KINGDOM /HOSE POST-OFFIC	GANIZED AND OF THE E ADDRESS IS HIGH	
DATE OF REGISTRATION	01/	/07/2015	
TITLE	RICE	COOKER	
PRIORITY PRIORITY NUMBER 002624668-0002	DATE 02/02/2015	COUNTRY OHIM	
DESIGN NUMBER	27	5168	
CLASS		3-01	
1)HERMES SELLIER (SOCIÉT FRENCH SOCIÉTÉ PAR ACTIO 24, RUE DU FAUBOURG SAIN	É PAR ACTIONS SI NS SIMPLIFIÈE, T HONORé, F-750	MPLIFIÈE), A 08 PARIS (FRANCE)	
DATE OF REGISTRATION	02/0	9/2015	
TITLE	E	BAG	
PRIORITY PRIORITY NUMBER 877274501	DATE 05/03/2015	COUNTRY WIPO	
DESIGN NUMBER		270136	
CLASS		23-04	
1)BRY-AIR (ASIA) PVT. LTD. A REGISTERED OFFICE 20 RAJPUR ROAD, DELHI 110		AL COMPANY, HAVI	NG
DATE OF REGISTRATION		05/03/2015	
TITLE	ADSC	ORPTION CHILLER	
PRIORITY NA			

DESIGN NUMBER		270959			
CLASS		25-01		ALC: NO	
1)GOBIND GLASS & INDUS REGISTERED UNDER THE C PLACE OF BUSINESS AT: 26, GOVT. SERVANT SOCII OPP: CADILLA HOUSE, NAVR (GUJARAT STATE) INDIA	OMPA CTY, E	ANIES ACT, 1956 BEHIND MUNICIP	HAVING AL MARKET,		
DATE OF REGISTRATION		06/04/201	5		
TITLE		GLASS SHI	EET		
PRIORITY NA					
DESIGN NUMBER			272884		
CLASS			08-06		And the second se
SARLABEN SAVLA, ALI ROYAL, AN INDIAN PAJ C-2/314, G.I.D.C., SHANKER T GUJARAT, INDIA	RTNE	RSHIP FIRM AT			S.
DATE OF REGISTRATION			19/06/2015		
TITLE			HINGE		
PRIORITY NA					* * *
DESIGN NUMBER		27	3488		
CLASS		23	3-04		
1) DAIKIN INDUSTRIES LTE ADDRESS: UMEDA CENTER BUILDIN KU, OSAKA-SHI, OSAKA-FU, J	G, 4-1	2 NAKAZAKI-NIS		ITA-	
DATE OF REGISTRATION	10/07/2015				
TITLE	AIR CONDITIONER				
PRIORITY					
PRIORITY NUMBER		DATE	COUNTRY		
2015-001440	27/01/2015 JAPAN		JAPAN		

DESIGN NUMBER		27	3684		
CLASS		2:	3-01		
1)ANAND KUMAR JA A WING, 2ND FLOO DADAR (W), MUMBAI-	R, MHATRE	PEN BUILDING, SEN	APATI BAPAT MARG,		
DATE OF REGISTRAT	ION	17/0	7/2015		
TITLE		LPG REC	GULATOR	Province TD	
PRIORITY NA					
DESIGN NUMBER		226753			
CLASS		23-02			
19/F, SHANGHAI SQ	1)KOHLER (CHINA) INVESTMENT CO., LTD., 19/F, SHANGHAI SQUARE, 138 HUA HAI ROAD, SHANGHAI, CHINA 200021				
DATE OF REGISTRATION		12/01/2010			
TITLE	BA	ATHING TUB			
PRIORITY NA					
DESIGN NUMBER			270754		
CLASS			09-03		
1) KRAFT FOODS GR IN THE STATE OF DEI THREE LAKES DRIV AMERICA					
DATE OF REGISTRAT	ION	30	/03/2015	1 HY Y Y Y Y Y Y	
TITLE		CO	NTAINER		
PRIORITY					
PRIORITY NUMBER		DATE	COUNTRY		
29/504,016		01/10/2014	U.S.A.	Charles I	

DESIGN NUMBER		27	70933	
CLASS		2	3-04	
1)LUMINOUS POWER INCORPORATED UNDI ARO TOWER, PLOT I GURGAON-122016, HAR	E R COMPAN NO300, 2ND	IES ACT. WHOES AI FLOOR, UDYOG VIH	DDRESS IS	Υ,
DATE OF REGISTRATI	ON	06/0	04/2015	
TITLE		CEIL	ING FAN	
PRIORITY NA	·			<u> </u>
DESIGN NUMBER		27	73480	
CLASS		2	3-01	
1)SMC CORPORATIO 14-1, SOTOKANDA 4				
DATE OF REGISTRATI	ON	09/0	07/2015	
TITLE		FLOW CON	TROL VALVE	
PRIORITY PRIORITY NUMBER 2015-001197		DATE 23/01/2015	COUNTRY JAPAN	
DESIGN NUMBER		273680		
CLASS		23-01	The set of the	
1)LG ELECTRONICS OF 20, YEOUIDO-DO 150- 721, REPUBLIC OF	NG, YEONGE	DEUNGPO-GU, SEOUI		
DATE OF REGISTRATION		17/07/2015	(
TITLE	LID OF	WATER PURIFIER		× >))
PRIORITY NA				

DESIGN NUMBER		274386	
CLASS		16-01	
1)SAMSUNG ELECTRON	NGTONG-GU;		
DATE OF REGISTRATION		12/08/2015	
TITLE	SI	URVEILLANCE CAMERA	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
30-2015-0010841	03/03/2015	REPUBLIC OF KOREA	
DESIGN NUMBER		275243	
CLASS		12-05	
1)ACTION CONSTRUCTION OF DHUDHOLLA LINK R PALWAL, HARYANA-12110	OAD, VILLAG	N T LTD., E DHUDHOLLA,	
DATE OF REGISTRATION	(04/09/2015	
TITLE		UIDE ROLLER OF WLER CRANE	
PRIORITY NA			
DESIGN NUMBER		269353	
CLASS		23-04	
1)LUMINOUS POWER TE COMPANY, INCORPORAT ADDRESS IS ARO TOWER, PLOT NO GURGAON-122016, HARYAN	ED UNDER CO 300, 2ND FLOC		E-2,
DATE OF REGISTRATION		06/02/2015	
TITLE		CEILING FAN	2
PRIORITY NA			

DESIGN NUMBER		270303	
CLASS		12-11	
1)HONDA MOTOR CO., LTD., A 1-1, MINAMI-AOYAMA 2-CHOI	1. 117		
DATE OF REGISTRATION	12	2/03/2015	
TITLE	FRONT COVER	FOR MOTOR SCOOTER	
PRIORITY PRIORITY NUMBER 2014-020330	DATE 12/09/2014	COUNTRY JAPAN	
DESIGN NUMBER		271339	
CLASS		09-03	
1)GLAXOSMITHKLINE CONSU OF 2711 CENTERVILLE ROAD U.S.A.			
DATE OF REGISTRATION	1	3/04/2015	
TITLE	CO	ONTAINER	
PRIORITY NA			
DESIGN NUMBER		273323	
CLASS		08-06	
1)MANISHBHAI K. CHOVATIYA PRINCIPAL PLACE OF BUSINES PLOT NO. A/16, PATEL IND. AF BRIDGE, GONDAL CHOWKDI, RA	<mark>S AT</mark> REA, B/H. RIDDHI SID	DHI SOC., NEAR OVER	
DATE OF REGISTRATION	C	2/07/2015	
TITLE]	HANDLE	
PRIORITY NA			

DESIGN NUMBER		270338	
CLASS		26-05	
1)HAVELLS INDIA LIMITE 1, RAJ NARAIN MARG, CI COMPANY		II-110054, INDIA, AN INDIAN	FRA
DATE OF REGISTRATION		12/03/2015	
TITLE		DOWN LIGHTER	
PRIORITY NA			
DESIGN NUMBER		271740	
CLASS		06-01	
MITTAL IND. ESTATE, BL ANDHERI EAST, MUMBAI 400	DG. NO 6, UNIT 1 0059, MAHARAS	STERED PARTNERSHIP FIRM AT NO 149-150, ANDHERI KURLA ROAL HTRA, INDIA, WHOSE PARTNERS YANI, BOTH INDIAN NATIONALS	
DATE OF REGISTRATION		27/04/2015	
TITLE		CHAIR	Inside and the second se
PRIORITY NA			
DESIGN NUMBER		273675	
CLASS		14-03	\frown
1) SAMSUNG ELECTRONIC 129, SAMSUNG-RO, YEON REPUBLIC OF KOREA		KOREAN COMPANY, OF WON-SI, GYEONGGI-DO 443-742,	e e e e e e e e e e e e e e e e e e e
DATE OF REGISTRATION		17/07/2015	
TITLE	DISPL	AY SCREEN FOR MOBILE PHONE	
PRIORITY		Ι	
PRIORITY NUMBER	DATE	COUNTRY	
30-2015-0011451	06/03/2015	REPUBLIC OF KOREA	

			1	
DESIGN NUMBER		273391		
CLASS		15-03		
(PUNJAB) INDIA (AN INDIA	KOTLA- N COMI	148023, DISTT. SANGRUR PANY DULY REGISTERED 5) OF THE ABOVE ADDRESS		
DATE OF REGISTRATION		06/07/2015		
TITLE		STRAW REAPER		
PRIORITY NA				
DESIGN NUMBER		275238	<u> </u>	
CLASS		12-05		
1)ACTION CONSTRUCTI OF DHUDHOLLA LINK I HARYANA-121102, INDIA, A	ROAD, V	ILLAGE DHUDHOLLA, PALWA	AL,	
DATE OF REGISTRATION		04/09/2015		
TITLE	TI	RACK SHOE OF CRAWLER CRA	ANE	
PRIORITY NA				
DESIGN NUMBER		226627		_
CLASS		08-06		
1) DEV MARKETING 13, ASHAPURA NAGR, K RAJKOT-2, GUJARAT-INDIA		IYA MAIN ROAD, JAY YOGESI	HWAR KRUPA,	
DATE OF REGISTRATION		01/01/2010		
TITLE HANDI				
PRIORITY NA				

DESIGN NUMBER		270085	
CLASS		15-03	
ROAD, LUDHIANA-141013	3 (PUNJAB) INDIA ORSHIP FIRM WHO	339/5, PASSI CHOWK, PAKHOV SE PROPRIETOR IS:- DALJIT SIN ADDRESS	
DATE OF REGISTRATION	N	03/03/2015	
TITLE	TANK	FOR AGRICULTURAL SPRAYIN MACHINE	AG
PRIORITY NA			
DESIGN NUMBER		273347	
CLASS		23-04	
1) WIM PLAST LIMITEI CELLO HOUSE, CORPO GOREGAON (EAST), MUM	RATE AVENUE, 'B	' WING, SONAWALA ROAD, RASHTRA, INDIA	
DATE OF REGISTRATION	N	03/07/2015	
TITLE		AIR COOLER	
DESIGN NUMBER		273673	
CLASS		14-03	
1)SAMSUNG ELECTRON			.742,
DATE OF REGISTRATION	N	17/07/2015	
TITLE		MOBILE PHONE	
PRIORITY PRIORITY NUMBER 30-2015-0011450	DATE 06/03/2015	COUNTRY REPUBLIC OF KOREA	

DESIGN NUMBER			274	224		
CLASS 15-05						
1)SAMSUNG ELECTR OF 129, SAMSUNG-R REPUBLIC OF KOREA					H-DO 16677,	
DATE OF REGISTRATION 06/08/2015						
TITLE			WASHING	MACHIN	ЛЕ	
PRIORITY PRIORITY NUMBER 30-2015-0035842	TE 07/2015	COUNTRY REPUBLIC		EA		
DESIGN NUMBER			275236			
CLASS 1)ACTION CONSTRUC OF DHUDHOLLA LIN PALWAL, HARYANA-12	NK ROAD, V	ILLAGE	DHUDHOLLA,	č		
DATE OF REGISTRATION		0	4/09/2015			
TITLE	BOTTO	OM BOON	1 OF CRAWLER	CRANE		
PRIORITY NA						
DESIGN NUMBER		27006	53			
CLASS		21-0	1			
1)AUTOMOBILI LAM COMPANY OF VIA MODENA 12, 400 (BO), ITALY						
DATE OF REGISTRATION		03/03/2	015		1	
TITLE		MODEL	CAR			
PRIORITY		_		A		
PRIORITY NUMBER	DATE		COUNTRY	4		(TA)
002530410-0002	03/09/2	2014	OHIM			Contraction of the second seco
					0	

DESIGN NUMBER		2	70309		
CLASS		1	2-11		
1)HONDA MOTOR CO., LTD., 1-1, MINAMI-AOYAMA 2-CH					
DATE OF REGISTRATION		12/	03/2015		
TITLE	F	RONT TOP CO	OVER FO	OR MOTOR	
PRIORITY					
PRIORITY NUMBER	D	ATE	CO	UNTRY	
2014-020334	12	2/09/2014	JAP	AN	
DESIGN NUMBER			2703	317	
CLASS			12-	16	
1)HONDA MOTOR CO., LTD., 1-1, MINAMI-AOYAMA 2-CH					AN CONTRACTOR
DATE OF REGISTRATION			12/03/	2015	
TITLE	Ι	NSTRUMENT	PANEL	FOR AUTOMO	BILE
PRIORITY		_			
PRIORITY NUMBER		DATE		COUNTRY	
2014-021118		24/09/2014		JAPAN	
DESIGN NUMBER			272	055	
CLASS			09-	-01	
1)BHUTAN BREWERY PVT. L UNDER THE LAWS OF BHUTA OF THARPAI LAM, POST BO	N				STING
DATE OF REGISTRATION			12/05	/2015	
TITLE			BOT	TLE	
PRIORITY NA					

DESIGN NUMBER			2	73336		
CLASS			()9-03		
1)BROTHER INDUSTRI EXISTING UNDER THE I 15-1, NAESHIRO-CHO,	LAWS OF	JAPAN OF				(R)
DATE OF REGISTRATIO	A SUTTRATTICE					
TITLE		I	PACKAGIN	G CONTA	INER	A CONTRACTOR OF A CONTRACTOR OFTA A
PRIORITY PRIORITY NUMBER		DATE		COUN	TRY	
2015-000523		14/01/2	2015	JAPAN		
	-1				1	
DESIGN NUMBER	_		3583		-	
CLASS		1:	5-05		_	
129, SAMSUNG-RO, YE DO, 443-742, REPUBLIC O KOREA DATE OF		A COMPAN	IY OF REP			
REGISTRATION		15/0	7/2015		/	1
TITLE	W	WASHBOARD FOR WASHING MACHINE			$\langle \langle$	
PRIORITY	I					
PRIORITY NUMBER	DATE	COUNT	TRY			
30-2015-0003485	22/01/201	5 REPUB	LIC OF KO	REA		~~
DESIGN NUMBER			2	73895		
CLASS			-	15-05		
1)SAMSUNG ELECTRO OF 129, SAMSUNG-RO REPUBLIC OF KOREA					GI-DO 16677,	
DATE OF REGISTRATIO	N		27/	07/2015		
TITLE		DOC	OR FOR WA	ASHING M	ACHINE	
PRIORITY					_	
PRIORITY NUMBER	DA	ТЕ	COUNTR	XY		
30-2015-0022244	29/0	04/2015	REPUBL	IC OF KOR	EA	

DESIGN NUMBER		27	3344				
CLASS		03					
1)HERMES SELLIER (SOCIE SOCIÉTÉ ANONYME, 24, RUE DU FAUBOURG SA							
DATE OF REGISTRATION							
TITLE			AG				
PRIORITY PRIORITY NUMBER 879077201	DATE 13/03/2		COUNTRY WIPO				
DESIGN NUMBER		27	3669				
CLASS		14	4-03				
1)SAMSUNG ELECTRONICS OF 129, SAMSUNG-RO, YEC REPUBLIC OF KOREA		SUWON-SI, C	GYEONGGI-DO 443-7	42,			
DATE OF REGISTRATION			7/2015				
TITLE		E PHONE					
PRIORITY PRIORITY NUMBER 30-2015-0011008	DATE 04/03/2015		ζ C OF KOREA				
DESIGN NUMBER		274099					
CLASS 1)PRAVIN VASANT MEHTA, PROPRIETORSHIP FIRM AT I 418, CORPORATE AVENUE, ROAD, GOREGAON (E), MUMB PROPRIETOR OF ABOVE ADDR	M/S. JIGER PLA NEW UDYOG E AI:400063. (IND	ST (INDIA) BHAVAN, SC	NAWALA				
DATE OF REGISTRATION		03/08/2015					
TITLE		CASSEROLI	E	- A REAL PROPERTY AND A RE			
PRIORITY NA	·						

DESIGN NUMBER		270321	
CLASS		26-06	
1)HONDA MOTOR CO., L OF 1-1, MINAMI-AOYAMA 2 107-8556, JAPAN	,	,	
DATE OF REGISTRATION	1	2/03/2015	E
TITLE		BINATION LAMP FOR TOMOBILE	
PRIORITY			L
PRIORITY NUMBER	DATE	COUNTRY	
2014-021106	24/09/2014	JAPAN	
DESIGN NUMBER		263424	
CLASS		12-16	
INCORPORATED UNDER TO OFFICE AT UNIT-II, GT ROAD, TEHS DATE OF REGISTRATION TITLE PRIORITY NA	SIL PAYAL, D	· · · ·	
DESIGN NUMBER		272604	
CLASS		25-02	
1) INNISFREE CORPORA 191, 2-GA, HANGANG-R KOREA		GU, SEOUL, REPUBLIC	OF
DATE OF REGISTRATION		05/06/2015	
		STORE FACADE	
TITLE		STOREFACADE	
		STOKETACADE	
TITLE	DATE	COUNTRY	

DESIGN NUMBER		273100						
CLASS		09-01						
1) PRAMIT SANGHAVI, AN WZ-8/1, INDUSTRIAL ARE								
DATE OF REGISTRATION	ATE OF REGISTRATION 25/06/2015							
TITLE		BOTTLE						
PRIORITY NA								
DESIGN NUMBER		264476						
CLASS		06-04						
1)WIM PLAST LIMITED, A UNDER THE PROVISIONS OF ADDRESS AT 1ST FLOOR, CORPORATE A ROAD, GOREGAON (EAST), M DATE OF REGISTRATION TITLE PRIORITY NA								
DESIGN NUMBER		273667						
CLASS		16-01						
1)SAMSUNG ELECTRONIC OF 129, SAMSUNG-RO, YE REPUBLIC OF KOREA		KOREAN COMPANY, SUWON-SI, GYEONGGI-DO 443-742,	Contraction					
DATE OF REGISTRATION		17/07/2015						
TITLE		DIGITAL CAMERA						
PRIORITY PRIORITY NUMBER 30-2015-0009111	DATE 23/02/2015	COUNTRY REPUBLIC OF KOREA						

DESIGN NUMBER		2752	203		
CLASS		01-0	01		
1) MR. ADITYA SINGHAL (A U DITI INTERNATIONAL, A 5/8, JHILMIL INDUSTRIA			TRADING AS	M/S.	(The)
DATE OF REGISTRATION		03/09/2015			V
TITLE	(СНОСС	DLATE		
PRIORITY NA					a mili reige
DESIGN NUMBER	27	70319			
CLASS	1	2-08		241	
1)HONDA MOTOR CO., LT 1-1, MINAMI-AOYAMA 2-0 8556, JAPAN	D., A JAPANESE C CHOME, MINATO-1	C orpo Ku, to	RATION, OF KYO, 107-		
DATE OF REGISTRATION	12/0	03/2015		R	
TITLE	(CAR			
PRIORITY					
PRIORITY NUMBER	DATE	CO	UNTRY		
2014-021097	24/09/2014	JAF	PAN	12-14	
DESIGN NUMBER		2704	409		
CLASS		14-0	03		
1)TELEFONAKTIEBOLAGI OF SE-164 83 STOCKHOLM, S		I, A SW	EDISH COME	PANY	
DATE OF REGISTRATION		18/03/	2015		
TITLE	HOUSING F	OR RA	DIO HARDWA	RE	
PRIORITY					- Francisco
PRIORITY NUMBER	DATE		COUNTRY		
002633321-0001	13/02/2015		OHIM		

DESIGN NUMBER		273089					
CLASS		12-16					
1)HARJIT SINGH, SURINDER KAUR & M/S. SURINDERA C OF C-195-196, PH LUDHIANA-141010 (NATIONALS OF ABO	& SMT. BAL YCLES PV ASE-VII, FC PUNJAB), II	JEET KAUF F. LTD. DCAL POINT, NDIA, INDIA	R, C/O.				
DATE OF REGISTRATION	2	25/06/2015				Half Street and Street	
TITLE	BICYCL	E CHAIN WI CRANK	HEEL				
PRIORITY NA							
DESIGN NUMBER			273601				
CLASS			23-02				
1) GEBERIT INTE SCHACHENSTRA COMPANY OF SWIT	ASSE 77, 864		ITZERLA	ND, A	T		
DATE OF REGISTRATION		16	5/07/2015				
TITLE		CONTROL P. FLU	ANEL FO SH TANK				
PRIORITY PRIORITY NUMBER 891517601	ξ	DATE 06/05/2015	COI WIF	UNTRY PO			
DESIGN NUMBER				273904			
CLASS				15-05		_	
1)SAMSUNG ELEG OF 129, SAMSUN 16677, REPUBLIC OF	G-RO, YEO						
DATE OF REGISTR	ATION		2	7/07/2015		/ (
TITLE		DOO	OR FOR V	VASHING MA	CHINE		
PRIORITY PRIORITY NUMBER 30-2015-0022233		DATE 19/04/2015	COUN REPUI	TRY BLIC OF KORI	ĒA		

			2700	200				
DESIGN NUMBER			2708					
CLASS			12-1	15				
1)COMPAGNIE GENERALE I COMPANY OF 12 COURS SABI AND MICHELIN RECHERCHE ROUTE LOUIS- BRAILLE 10,								
DATE OF REGISTRATION			31/03/	23337 11111 211111				
TITLE			TYF	RE	111111 111111 111111 111111 111111 11111			
PRIORITY								
PRIORITY NUMBER		DATE		COUNTRY				
2014-4724		20/10/20	014	FRANCE	EBEBELY			
DESIGN NUMBER			2736	574				
CLASS			14-0	03				
1)SAMSUNG ELECTRONICS OF 129, SAMSUNG-RO, YEO REPUBLIC OF KOREA								
DATE OF REGISTRATION			17/07/	2015				
TITLE			MOBILE	PHONE				
PRIORITY								
PRIORITY NUMBER	DATE	3	COUNTRY					
30-2015-0011088	04/03/	2015	REPUBLIC	OF KOREA				
DESIGN NUMBER			2733	349				
CLASS			23-0)4	10 11			
1)WIM PLAST LIMITED, A PU UNDER THE PROVISION OF IT ADDRESS AT CELLO HOUSE, CORPORATI GOREGAON (EAST), MUMBAI-4	NDIAN E AVEI	N COMPAN NUE, 'B' V	NIES ACT, 19 VING, SONA ^y	956, HAVING OFFICE WALA ROAD,				
DATE OF REGISTRATION			03/07/	2015				
TITLE			AIR CO	OLER				
PRIORITY NA					AAAAA			

DESIGN NUMBER		275237	
CLASS		12-05	
1)ACTION CONSTRUCTION EQU OF DHUDHOLLA LINK ROAD, VI 121102, INDIA, AN INDIAN COMPAN	LLAGE DHUDHOLL	.A, PALWAL, HARYANA	
DATE OF REGISTRATION	04	4/09/2015	
TITLE	A FRAME OF	CRAWLER CRANE	
PRIORITY NA			
DESIGN NUMBER		226625	
CLASS		08-06	1700
1)STAR METAL 2, GOKULNAGAR 50 FEET ROAD INDIA	, KOTHARIYA ROA	D, RAJKOT-2, GUJARAT-	1
DATE OF REGISTRATION	0	1/01/2010	
TITLE	H	IANDLE	
PRIORITY NA			
DESIGN NUMBER		269227	
CLASS		09-01	
1)THE COCA-COLA COMPANY, A EXISTING UNDER THE LAWS OF T ONE COCA-COLA PLAZA NW, AT	THE STATE OF DEI	LAWARE OF	
DATE OF REGISTRATION	02	2/02/2015	
TITLE	H	BOTTLE	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
29/498,340	01/08/2014	U.S.A.	

DESIGN NUMBER CLASS 1)HONDA MOTOR CO., LTD., 1-1, MINAMI-AOYAMA 2-CH DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 2014-021119 DESIGN NUMBER CLASS	IOME, MINAT	E CORPORA O-KU, TOK 12 ERING WHEI	YO, 107-8556 /03/2015	TOMOBILE	
1)HONDA MOTOR CO., LTD., 1-1, MINAMI-AOYAMA 2-CH DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 2014-021119 DESIGN NUMBER	IOME, MINAT	E CORPORA O-KU, TOK 12 ERING WHEI E E 9/2014	ATION, OF YO, 107-8556 /03/2015 EL FOR AUT COUNT	TOMOBILE	
TITLE PRIORITY PRIORITY NUMBER 2014-021119 DESIGN NUMBER	DAT 24/09	ERING WHEI E 9/2014	EL FOR AUT	TRY	
PRIORITY PRIORITY NUMBER 2014-021119 DESIGN NUMBER	DAT 24/09	E 9/2014	COUNT	TRY	
PRIORITY NUMBER 2014-021119 DESIGN NUMBER	24/09	9/2014			
PRIORITY NUMBER 2014-021119 DESIGN NUMBER	24/09	9/2014			
DESIGN NUMBER			JAPAN		
		263416			
CLASS					
		12-16			·
1)R. N. GUPTA & COMPANY INCORPORATED UNDER THE ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL F	COMPANIE	5 ACT, 1956)			
DATE OF REGISTRATION	17	//06/2014			
TITLE	JIB HEAD AS	SEMBLY OF	CRANE		
PRIORITY NA		070	200		
DESIGN NUMBER		2739			
CLASS		15- KODEANG			
1)SAMSUNG ELECTRONICS OF 129, SAMSUNG-RO, YEOI 16677, REPUBLIC OF KOREA				I-DO	
DATE OF REGISTRATION		27/07/	2015	6	
TITLE	DOO	R FOR WAS	HING MACH	HINE	
	DATE 9/04/2015	COUNTRY REPUBLIC	OF KOREA		

CLASS 08-08 IJAIRBUG DEFENCE AND SPACE LIMITED. A COMPANY OBCANIZED AND GUINNEIS WOOD ROAD, STEVENAGE, HERTFORDSHIRE SGI 2AS, UNITED DATE OF REGISTRATION 30/03/2015 TITLE BRACKET USED FPR SUPPORTING ANTENNAS PRIORITY DATE COF REGISTRATION 902549212-0001 01/10/2014 01/10/2014 OHIM DESIGN NUMBER 270934 CLASS 23-04 DLUMINOUS POWER TECHNOLOGIES PYLLD, AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS ARO TOWER, PLOT NO300, 2ND FLOOR, UDYOG VIHAR, PHASE-2. GUIGAON -122016, HARYANA (UNDA) DATE OF REGISTRATION 06/04/2015 TITLE CELLING FAN PRIORITY NA DESIGN NUMBER DESIGN NUMBER 270944 CLASS 23-04 DLUMINOUS POWER TECHNOLOGIES PYLLD, AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS ARO TOWER, PLOT NO300, 2ND FLOOR, UDYOG VIHAR, PHASE-2. GUIGAON -122016, HARYANA (UNDA) DATE OF REGISTRATION 06/04/2015 TITLE CELLING FAN PRIORITY NA DESIGN NUMBER DESIGN NUMBER 275481 CLASS 23-01 JISMC CORPORATION, A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN </th <th>DESIGN NUMBER</th> <th></th> <th></th> <th>270758</th> <th></th> <th></th>	DESIGN NUMBER			270758		
IJAIRBUS DEFENCE AND SPACE LIMITED, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED KINGDOM OF GUNNELS WOOD ROAD, STEVENAGE, HERTFORDSHIRE SGI 2AS, UNITED KINGDOM DATE OF REGISTRATION 3003/2015 TITLE BRACKET USED FPR SUPPORTING ANTENNAS PRIORITY NUMBER DATE COUNTRY 002549212-0001 01/10/2014 OHIOR ON UMBER 270934 CLASS 23-04 DIVIDING SOMER TECHNOLOGIES PYT. LID, AN INDIAN COMPANES ACT. WHODS AND INCORPORATED UNDER COMPANIES ACT. WHODS ACT OWER, PLOT NO300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA) DATE OF REGISTRATION PRIORITY NA DESIGN NUMBER DESIGN NUMBER CERPORATION A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN DATE OF REGISTRATION PHOW ON TROL VALVE PRIORITY NUMBER DATE <th></th> <th></th> <th></th> <th></th> <th></th> <th>0</th>						0
TITLE BRACKET USED FPR SUPPORTING ANTENNAS PRIORITY PRIORITY NUMBER DATE COUNTRY 002549212-0001 01/10/2014 OHIM OHIM DESIGN NUMBER 270934 CLASS 23-04 1)LUMINOUS POWER TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS ARO TOWER, PLOT NO -300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GUIGGAON-122016, HARYANA (INDIA) Official Content of the state of	1)AIRBUS DEFENCE AND SP EXISTING UNDER THE LAWS GUNNELS WOOD ROAD, ST	OF	UNITED KINGDOM	A OF		
ITILE ANTENNAS PRIORITY ERIORITY PRIORITY NUMBER DATE 002549212-0001 01/10/2014 OHIM OHIM DESIGN NUMBER COUNTRY 002549212-0001 01/10/2014 OHIM DESIGN NUMBER COUNTRY OUT NO.300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA) DATE OF REGISTRATION DATE OF REGISTRATION DATE OF REGISTRATION DISIGN NUMBER CELLING FAN PRIORITY NA DESIGN NUMBER DATE OF REGISTRATION OUTO SOLUTO SOLUTOR ILSIGN CORPORATION, A JAPANESE CORPORATION OF ILSIGN CORPORATION A -CHOME, CHIYODAKU, TOKYO 101-0021, JAPAN DATE OF REGISTRATION DISINC CORPORATION A -CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN DATE PRIORITY PRIORITY PRIORITY NUMBER DATE	DATE OF REGISTRATION			30/03/2015		UK WOLD
PRIORITY NUMBER DATE COUNTRY 002549212-0001 01/10/2014 OHIM DESIGN NUMBER 270934 CLASS 23-04 I)LUMINOUS POWER TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS ARO TOWER, PLOT NO300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA) DATE OF REGISTRATION 06/04/2015 TITLE CEILING FAN PRIORITY NA 05/07/2015 DESIGN NUMBER 273481 CLASS 23-01 1)SMC CORPORATION, A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN DATE OF REGISTRATION 09/07/2015 TITLE FLOW CONTROL VALVE PRIORITY PLOT TIVINA	TITLE				NG	
002549212-0001 01/10/2014 OHIM DESIGN NUMBER 270934 CLASS 23-04 DILUMINOUS POWER TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS Image: Company of the compan	PRIORITY					KANA I
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CLASS 23-04 IJLUMINOUS POWER TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS ARO TOWER, PLOT NO300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA) Image: Comparison of the compa						1. Sali
I)LUMINOUS POWER TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS ARO TOWER, PLOT NO300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA) DATE OF REGISTRATION 06/04/2015 TITLE CELLING FAN PRIORITY NA DATE OF REGISTRATION O6/04/2015 TITLE CELING FAN PRIORITY NA DATE OF REGISTRATION 09/07/2015 TITLE FLOW CONTROL VALVE	DESIGN NUMBER		27093	34		
COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS ARO TOWER, PLOT NO300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA) DATE OF REGISTRATION DATE OF REGISTRATION 06/04/2015 TITLE CEILING FAN PRIORITY NA DESIGN NUMBER DATE OF REGISTRATION, A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN DATE OF REGISTRATION 09/07/2015 TITLE FLOW CONTROL VALVE PRIORITY Number PRIORITY DATE COUNTRY DATE	CLASS		23-04	4		
PRIORITY NA PRIORITY NA DESIGN NUMBER 273481 CLASS 23-01 1)SMC CORPORATION, A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN DATE OF REGISTRATION DATE OF REGISTRATION 09/07/2015 TITLE FLOW CONTROL VALVE PRIORITY DATE PRIORITY NUMBER DATE COUNTRY DATE	COMPANY, INCORPORATED ADDRESS IS ARO TOWER, PLOT NO300 GURGAON-122016, HARYANA	UND , 2NI	DER COMPANIES A D FLOOR, UDYOG V IA)	A CT. WHOES /IHAR, PHASE-2,		
PRIORITY NA						
DESIGN NUMBER 273481 CLASS 23-01 I)SMC CORPORATION, A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN DATE OF REGISTRATION 09/07/2015 TITLE FLOW CONTROL VALVE PRIORITY DATE PRIORITY NUMBER DATE COUNTRY DATE						
CLASS 23-01 I)SMC CORPORATION, A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN DATE OF REGISTRATION 09/07/2015 TITLE FLOW CONTROL VALVE PRIORITY PRIORITY NUMBER DATE COUNTRY				273481		
1)SMC CORPORATION, A JAPANESE CORPORATION OF 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN DATE OF REGISTRATION 09/07/2015 TITLE FLOW CONTROL VALVE PRIORITY PRIORITY NUMBER DATE COUNTRY						
TITLE FLOW CONTROL VALVE PRIORITY DATE	1)SMC CORPORATION, A JA		ESE CORPORATIO	ON OF		
PRIORITY PRIORITY NUMBER DATE COUNTRY	DATE OF REGISTRATION		09	/07/2015		
PRIORITY NUMBER DATE COUNTRY	TITLE		FLOW CO	NTROL VALVE		
	PRIORITY NUMBER					

DESIGN NUMBER		27368	31	
CLASS		23-01	1	
1) LG ELECTRONICS INC. OF 20, YEOUIDO-DONG, YE REPUBLIC OF KOREA	EONGD	EUNGPO-GU, SEO	UL 150- 721,	
DATE OF REGISTRATION		17/07/20	015	
TITLE		TANK OF WATE	ER PURIFIER	
PRIORITY NA				
DESIGN NUMBER			226705	
CLASS			06-01	
1)KUSCH &CO. SITZMOBEI GUNDRINGHAUSEN 5, 5996				
DATE OF REGISTRATION		00	5/01/2010	
TITLE]	BENCH	
PRIORITY		1	1	to the
PRIORITY NUMBER		DATE	COUNTRY	Y
001590860-0001		22/07/2009	OHIM	
DESIGN NUMBER		268871		
CLASS		09-05		
1)CADILA HEALTHCARE L INCORPORATED UNDER THI SARKHEJ-BAVLA, N.H. NO AHMEDABAD-382210, INDIA	E COM	PANIES ACT, 1956	5, OF	BBB
DATE OF REGISTRATION		14/01/2015	5	
TITLE		BLISTER PA	CK	
PRIORITY NA				609

DESIGN NUMBER	269354	
CLASS	23-04	
COMPANY, INCORPORAT ADDRESS IS	CHNOLOGIES PVT. LTD., AN INDIAN ED UNDER COMPANIES ACT. WHOES 300, 2ND FLOOR, UDYOG VIHAR, PHAS ANA (INDIA)	E-
DATE OF REGISTRATION	06/02/2015	e e
TITLE	CEILING FAN	E COL
PRIORITY NA		
DESIGN NUMBER	271477	
CLASS	08-06	
PRINCIPAL PLACE OF BUS AT NATIONAL HIGHWA	Y 8-B, OPPOSITE PARIN FURNITURE, EA, NEAR DHOKIYA MOTORS,	
DATE OF REGISTRATION	17/04/2015	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	272642	
CLASS	26-05	
	GIES INDIA PRIVATE LIMITED 3RD MAIN, KASTURI NAGAR, 2NATAKA, INDIA	
DATE OF REGISTRATION	09/06/2015	
TITLE	LIGHTING FIXTURE	
PRIORITY NA		A C

		070016	
DESIGN NUMBER		273346	
CLASS		23-04	
UNDER THE PROVISION OF ADDRESS AT	' INDIAN COMF TE AVENUE, 'B	ED COMPANY REGISTERED PANIES ACT, 1956, HAVING OFFICE "WING, SONAWALA ROAD, RASHTRA, INDIA	
DATE OF REGISTRATION		03/07/2015	
TITLE	AIR COOLER		
PRIORITY NA			
DESIGN NUMBER		273672	
CLASS		14-03	
1) SAMSUNG ELECTRONIC OF 129, SAMSUNG-RO, YE REPUBLIC OF KOREA		KOREAN COMPANY, SUWON-SI, GYEONGGI-DO 443-742,	0000
DATE OF REGISTRATION		17/07/2015	
TITLE		MOBILE PHONE	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
30-2015-0011449	06/03/2015	REPUBLIC OF KOREA	
DESIGN NUMBER		274134	
CLASS		09-03	
1)RAMANDEEP SINGH (AN 30-C, ROAD NO-78, PUNJA			
DATE OF REGISTRATION			
TITLE		CONTAINER	
PRIORITY NA			

DESIGN NUMBER			225056		
CLASS			26-05		Sa .
1)FLOS S.P.A AN ITALIAN COMPAN ITALY	Y, OF VIA A	A FAINI, 2, I-2507	73 BOVEZZ	ZO, BRESCIA	А,
DATE OF REGISTRATIO	N	05	/10/2009		
TITLE		LIGHT	ING DEVIC	E	N
PRIORITY					
PRIORITY NUMBER		DATE	COUN	TRY	
BS2009O000019		06/04/2009	ITAL	ľ	
DESIGN NUMBER		275	235		
CLASS		12-	-05		
1)ACTION CONSTRUCT OF DHUDHOLLA LINK HARYANA-121102, INDIA, DATE OF REGISTRATIO	ROAD, VIL	LAGE DHUDHO		WAL,	
TITLE		CRAV	VLER		
PRIORITY NA					
DESIGN NUMBER		272748			
CLASS		12-99			
1)SUDHIR INDUSTRIES #1266, STREET NO. 12/ LUDHIANA-141003 (PB) IN FIRM WHOSE PROPRIETC INDIAN NATIONALS OF T	7, DASHMES IDIA AN INE IR IS:- SUDH	DIAN PROPRIET IR MAHAJAN B	ORSHIP		
DATE OF REGISTRATION		15/06/2015			
TITLE	FO	RK PROTECTOF	٤	Sec. 1	
PRIORITY NA					

DESIGN NUMBER		27.	3677		
CLASS		12-09			
EXISTING UNDER THE LA	ORATION ORGANIZED AND F JAPAN, OF , OSAKA-SHI, OSAKA 530-8311, 17/07/2015				
TITLE		TRA	CTOR		
PRIORITY PRIORITY NUMBER JPD 2015-000860		.TE 01/2015	COUNTRY JAPAN		
DESIGN NUMBER			2733	94	
CLASS			07-(
BUD, BOTH INDIAN NATIO MAX PLASTIC (A PARTNE PLOT NO. 4, SURVEY NO PUMP STREET, VERAVAL (S	RSHIP). 161, S	FIRM), .I.D.C. ROA	.D, B/H. GULAI GUJARAT) (INI	3 FOOD, OPP. R DIA)	T
DATE OF REGISTRATION			06/07/2		
TITLE BOTTLE STAN					
PRIORITY NA					
DESIGN NUMBER					
CLASS			12-05		
1)ACTION CONSTRUCTION OF DHUDHOLLA LINK F HARYANA-121102, INDIA, A	OAD, V	ILLAGE D	ALWAL,	d'ant	
DATE OF REGISTRATION			04/09/2015		STALLAN DE
TITLE	SU	PER STRU	CTURE OF CRA	AWLER CRANE	
PRIORITY NA					

DESIGN NUMBER				226661		
CLASS				12-16		
1)TATA MOTORS LIMIT BOMBAY HOUSE, 24 H 400001, MAHARASHTRA, I	OMI MC	DY STREE	T, HUT	АТМА СНОЖ	/K, MUMBAI	
DATE OF REGISTRATION	N			04/01/2010		
TITLE			SEA	AT FOR A VEH	IICLE	
PRIORITY NA						
DESIGN NUMBER			270	316		
CLASS			12-	16		
1)HONDA MOTOR CO., 1-1, MINAMI-AOYAMA JAPAN						
DATE OF REGISTRATION	N		12/03/	/2015		
TITLE		GRILL FOR AUTOMOBILE				
PRIORITY				-1		
PRIORITY NUMBER		DATE		COUNTRY		
2014-021110		24/09/2014	24/09/2014 JAPAN			
DESIGN NUMBER		270)307			
CLASS		26	-06			
1)HONDA MOTOR CO., 7 OF 1-1, MINAMI-AOYAMA JAPAN					6	E
DATE OF REGISTRATION		12/03	8/2015		for 1	
TITLE		Г COMBINA FOR MOTO		LAMP CASE OTER	-	
PRIORITY					12-	
PRIORITY NUMBER	DA	ATE	COL	JNTRY		
2014-020335	12	12/09/2014 JAPAN				

DESIGN NUMBER			27	/1353		
CLASS			0	8-03	1012/07	
1)ROBERT BOSCH GME POSTFACH 30 02 20, 70	all horsessan					
DATE OF REGISTRATIO	N		13/0	04/2015		
TITLE			SAW	BLADE		3
PRIORITY						ACO OF
PRIORITY NUMBER		DATE	Ŧ	COUNTE	RY	2 \$
002557827		15/10	/2014	OHIM		NO S
						Barren al
DESIGN NUMBER			27202	25		·
CLASS			08-0	8	1	
1) AMRUTLAL SAMAT SARLABEN SAVLA, OF M/S. ROYAL, AN C-2/314, G.I.D.C., SH 361004, GUJARAT, IN	ALL ARE IN INDIAN PA ANKER TEK. IDIA	NDIAN (RTNER	CITIZEN AI SHIP FIRM YOG NAGAI	N PARTNER	RSHIP	0.
DATE OF REGISTRATIO	N		11/05/2			
TITLE		CAM BOLT				
PRIORITY NA						
DESIGN NUMBER		272	308			
CLASS		12-	-08			
1)AUDI AG, A JOINT STOCK COMPANY ESTABLISHED UNDER GERMAN LAW OF AUTO-UNION-STR. 1, D-85045 INGOLSTADT, GERMANY					d	TEFADD
DATE OF REGISTRATION		25/05/2015				
TITLE		CAR				=0-01
PRIORITY						
PRIORITY NUMBER	DATE		COUNTRY	7		
002595033-0001	11/12/2	014	OHIM			

DESIGN NUMBER	2730	001	
CLASS	99-	00	
1)ARROW WEIGHING S COMPANY, INCORPORA WHOSE ADDRESS IS CB-187, IVTH FLOOR, R 110028 (INDIA)	FED UNDER COMP	PANIES ACT,	
DATE OF REGISTRATION	24/06/	/2015	
TITLE	ROAD	STUD	
PRIORITY NA			
DESIGN NUMBER	27:	5182	
CLASS	12	2-11	
1)HONDA MOTOR CO., J OF 1-1, MINAMI-AOYAMA JAPAN			
DATE OF REGISTRATION	03/0	9/2015	
TITLE	FRONT COWL FO	OR MOTORCYCLE	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
2015-004790	05/03/2015	JAPAN	
2013-004790	05/05/2015		